ATECPOOL

BWT GROUP

INSPIRED By Water



2026/27

# Product Catalogue

## ATECPOOL — POOL & SPA

For You and Planet Blue.

atecpool.com

ATECPOOL

BWT GROUP

# Product Catalogue

2026/27

INSPIRED By Water

ATECPOOL

BWT GROUP

atecpool.com

A global brand with global responsibility

# INSPIRED By Water

ECO FRIENDLY

QUALITY COMMITTED

ISO CERTIFIED

ISO 9001:2015

# Shaping the Future of Water. Together.

ATECPOOL
BWT GROUP

## The Future of Water

**Atecpool** and **BWT** come together to shape a new chapter in the pool industry. This strategic union brings together decades of expertise, advanced engineering, and a shared vision to drive innovation, elevate performance, and define new benchmarks of excellence across the global market.

With over 45 years of experience, **Atecpool** has built a strong and successful presence in the Middle East, supported by an established operational hub in Dubai, UAE. Our deep market knowledge, long-standing partnerships, and proven track record position us as a trusted reference for premium pool solutions in the region and beyond.

Our portfolio encompasses intelligent, connected products designed to enhance every aspect of the pool experience — from water care and treatment systems to efficient heating solutions and advanced robotic pool cleaners. By integrating smart technologies with high-quality design and engineering, we deliver solutions that optimize performance, efficiency, and user comfort while promoting responsible water and energy use.

Chosen for world-class sporting events, luxury hospitality projects, and high-end residential developments, **Atecpool** continues to evolve alongside its partners, leading the industry toward a more innovative, sustainable, and refined future.

Integrating luxury pool innovation with world-leading water treatment for a sustainable future.

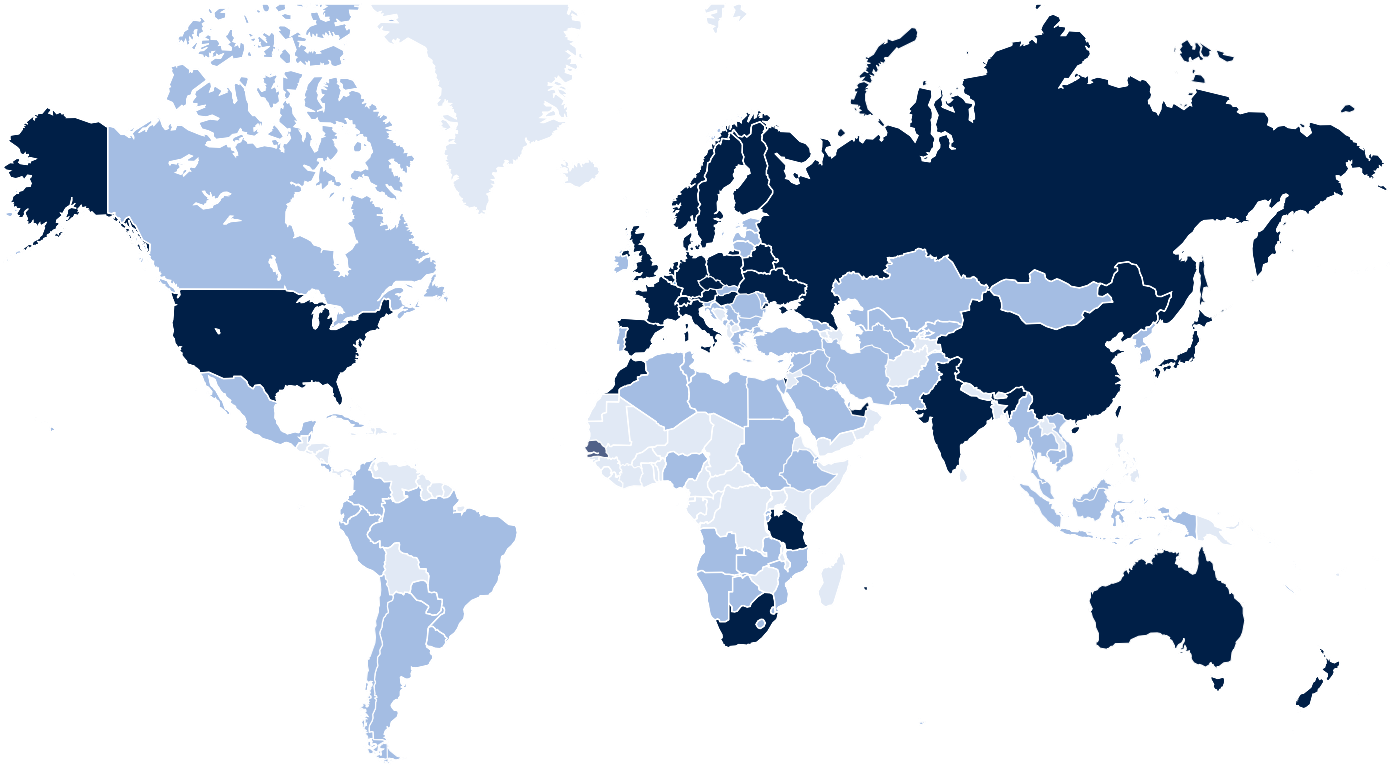
**For You and Planet Blue.**

BWT — Best Water Technology

# Market Leader in Water Technology

An expert in water treatment for more than 35 years, the BWT Group offers a complete range of products and services to transform any water into a high-quality water that meets the hygiene, safety and energy comfort requirements expected by our customers.

| | | |
|---|---|---|
| **>6500** **Employees** worldwide | **13** **R&D Centres** | **12** Production **sites** |



**Legend:** = BWT Subsidiary | = BWT Distribution partner



# Building a better future, for You and Planet Blue.

## Working with our solutions means:

### More sustainable manufacturing

» Focus on responsible design: reduced plastic, minimal packaging, kraft cardboard, fewer materials.

### Services and manufacturer's warranties

» By offering product warranties of up to 10 years on main parts.

» Including commissioning and maintenance contract carried out by our technicians.

» By creating digital tools to simplify local monitoring and assistance, to make it easier to get to grips with any situation.

### Product repairability

» By providing access to spare parts for the entire life of the product and beyond for essential products.

» Lower costs by replacing wear parts instead of entire components.

BWT




# Our know-how for all markets

**Wherever there is water, BWT is there to provide the best water**


CHANGE THE WORLD
sip by sip




# Enjoy perfect locally mineralized BWT Drinking Water

Any time. Any place.

BWT CHANGE THE WORLD sip by sip




## Working together for a sustainable future - sip by sip

At BWT, we revere water and firmly believe that each of us can make a difference to the future of our planet. Our mission, «Change the World - sip by sip,» is more than a slogan:
it's our contribution to a sustainable future.

## Fascination with water

Our corporate culture is characterized by a strong focus on sustainability and environmental awareness. We offer innovative products, with pioneering technologies and comprehensive services in all areas of water treatment.
The goal is not only to set new safety and hygiene standards but also to promote well-being in water use: enjoying water responsibly and at the highest level, with the highest quality standards.

## Prioritizing local water

BWT aims to provide best quality, hygiene, and safe water for all consumers by mineralizing local water — a sustainable contribution to preserving our Blue Planet for future generations.

High-quality, locally sourced water that limits the production and transport of single-use plastic bottles, thus preventing excessive waste and, consequently, the generation of microplastics. BWT is committed to an alternative to plastic.



**Together, let´s make the world a better place - sip by sip.**

# ATECPOOL
# BWT GROUP

## Our company

Established in 2002, **Atecpool** has built a strong reputation within the swimming pool and water treatment industry, driven by deep regional expertise and a global collaborative approach. With a long-standing and successful presence in the Middle East, the group combines local market knowledge with international engineering capabilities to deliver high-performance, premium solutions.

**Atecpool's** commitment to quality, innovation, and sustainability is reflected in every system we develop. Our products are engineered to meet the most demanding technical standards while ensuring reliability, intuitive operation, and responsible use of water and energy. Through close collaboration with global manufacturing and technology partners, we deliver solutions trusted by professionals across diverse markets.

Quality assurance remains a core pillar of **Atecpool's** philosophy. Supported by the strength, scale, and technological leadership of **BWT**, we continue to evolve our portfolio with intelligent, sustainable, and future-ready solutions that set new benchmarks for the pool industry.





## Our commitment

At **Atecpool**, customer satisfaction is at the core of everything we do. We are committed to delivering sustainable, technologically advanced, and environmentally responsible solutions that respond to the evolving needs of the pool and water treatment market. Our portfolio spans from accessible systems to advanced, future-ready technologies, all adaptable to specific technical and project requirements.

## Design & engineering

Our Production and Quality Management teams ensure excellence across the design and engineering of all **Atecpool** solutions. Supported by rigorous quality assurance processes, our specialists are committed to delivering premium, high-end systems that consistently meet and exceed client expectations.

With over 45 years of experience in the pool industry, **Atecpool** has not only witnessed key technological evolutions but has actively contributed to shaping them. Through the development of intelligent, connected solutions for monitoring, control, and performance optimization, we continue to lead the way in smart pool technologies.

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# Highlighted Products

2026

INSPIRED By Water




© Cover: MW-Architekturfotografie/Begründer

GASSNER.
STAINLESS LUXURY IN POOL

ARRIVE.
RELAX.
FEEL GOOD.

# AT HOME.

**'STAINLESS LUXURY IN POOL' STANDS FOR THE EXCLUSIVE ELEGANCE AND HIGHEST QUALITY OF GASSNER STAINLESS STEEL POOLS, WHICH COMBINE DURABILITY AND TIMELESS DESIGN.**

The pool as a place of relaxation and unforgettable experiences – that is what the company GASSNER represents. Decades of experience in swimming pool and stainless steel pool construction go into the high-quality, customized pool solutions that unite aesthetics and design with first-class craftsmanship.

## THE GASSNER SERVICE PACKAGE INCLUDES:

- Personalized, individual consultation
- Spacious showroom for an immersive pool experience
- State-of-the-art 3D planning
- Comprehensive project design & management
- Manufacturing using cutting-edge CNC technology
- Full-service provider, including water treatment systems
- Service and maintenance
- Made in Austria

## FOR GENERATIONS. AND GENERATIONS TO COME.

edelstahl-pool.at


GASSNER.
STAINLESS LUXURY IN POOL
PERFECT MIRROR
POOL.
PERFECT
MOMENT.

# MIRROR

POOL.

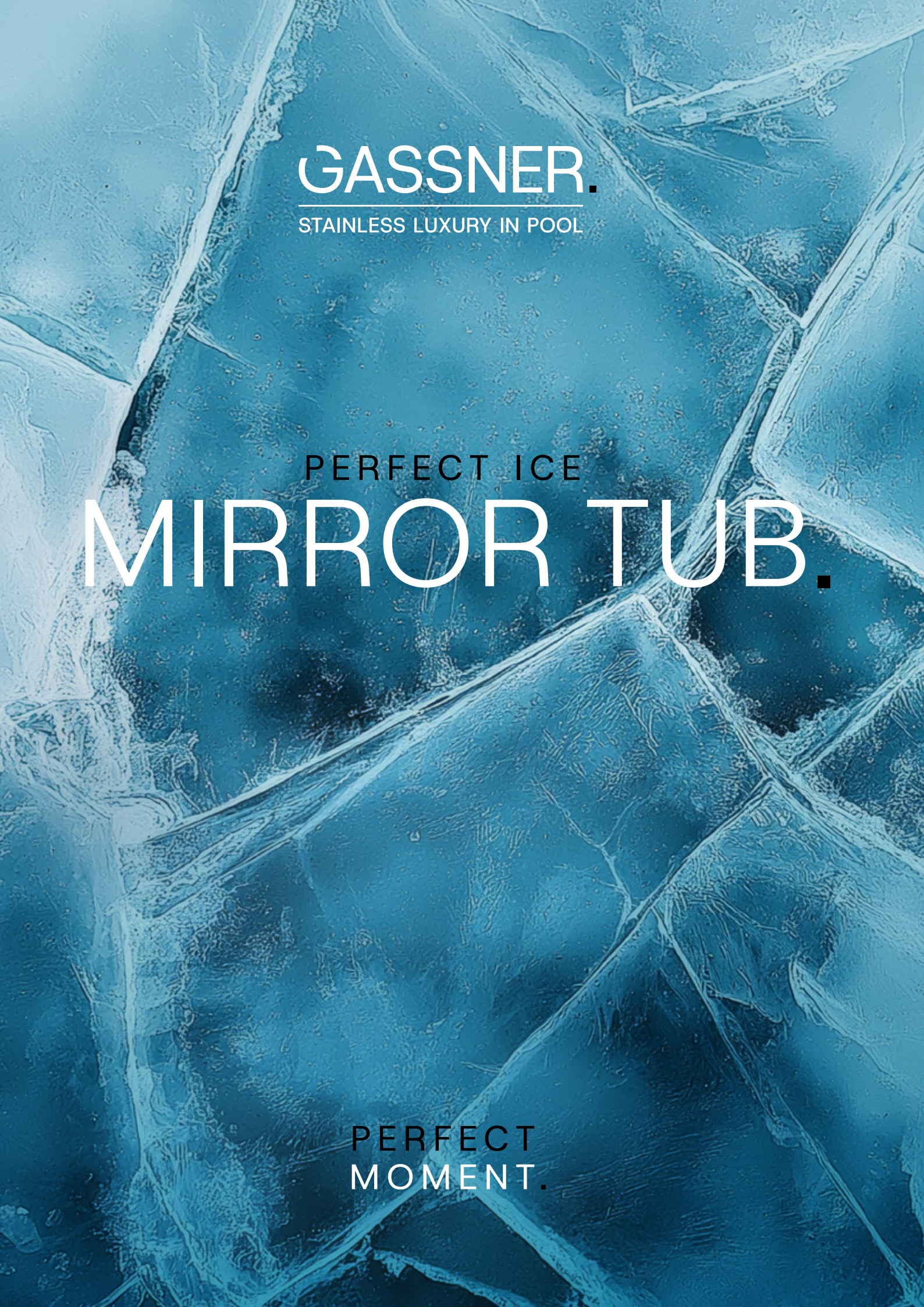
## DESIGN MEETS PURE ELEGANCE.

The Mirror Pool invites you to immerse yourself in a mirror-like water surface that blurs the boundaries of the pool, thanks to its uninterrupted, linear perspectives, creating a sense of limitless expanse. An elegant stainless steel basin with an innovative edge and premium materials come together in a composition that reflects both sophistication and modern aesthetics.

- Timeless design, clean lines, and pure elegance
- Unique pool edging for a mirror-smooth water surface
- Seamless waterline for a visually limitless expanse
- Stainless steel as a durable and long-lasting material
- Superior hydraulics for optimal water quality
- Easy cleaning
- One-piece basin for efficient transport and installation
- Available in standard as well as custom sizes
- Additional accessories and custom features available for enhanced comfort.
- Various models and sizes available

## MINIMALISTIC DESIGN.




GASSNER.
STAINLESS LUXURY IN POOL
PERFECT ICE
MIRROR TUB.
PERFECT
MOMENT.

PERFECT
MOMENT.

Design. Well-being. Vitality.

The ICE MIRROR TUB from GASSNER, winner of the falstaff LIVING Design Award, is more than just an ice pool – it combines invigorating cold and soothing warmth (0–40 °C) to create a unique experience for body and soul. Individual. Intuitive. Anytime. When stainless steel meets natural stone and fine wood, the result is an elegant, compact statement piece that blends harmoniously into gardens, terraces, or spa areas.

falstaff LIVING DESIGN AWARDS 2025

The ICE MIRROR TUB from GASSNER –
your ENERGY BOOST for the whole year.




PERFECT ICE
# MIRROR TUB.

Diamond Cell

BWT

# The Diamond Cell Exclusivity

## Limited edition worldwide

**Each Diamond Cell is unique and individually numbered.**
Your certificate of authenticity attests to its membership in this exceptional series.

## An exceptional jewel

Like the diamond from which it takes its name, this revolutionary technology symbolizes absolute purity, unalterable strength, and timeless elegance.

The diamond, the world's purest stone, transforms ordinary carbon into crystalline wonder.

Our Diamond Cell - combined with the Best Water Treatment Technologies - similarly transform your pool water into an experience of incomparable clarity.

## A unique experience

Water treated by the Diamond Cell offers a sensation that words struggle to describe - a clarity so perfect it seems to disappear, leaving only that impression of absolute purity on your skin.




ATECPOOL

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# Intelligent Autonomous **Cleaning**

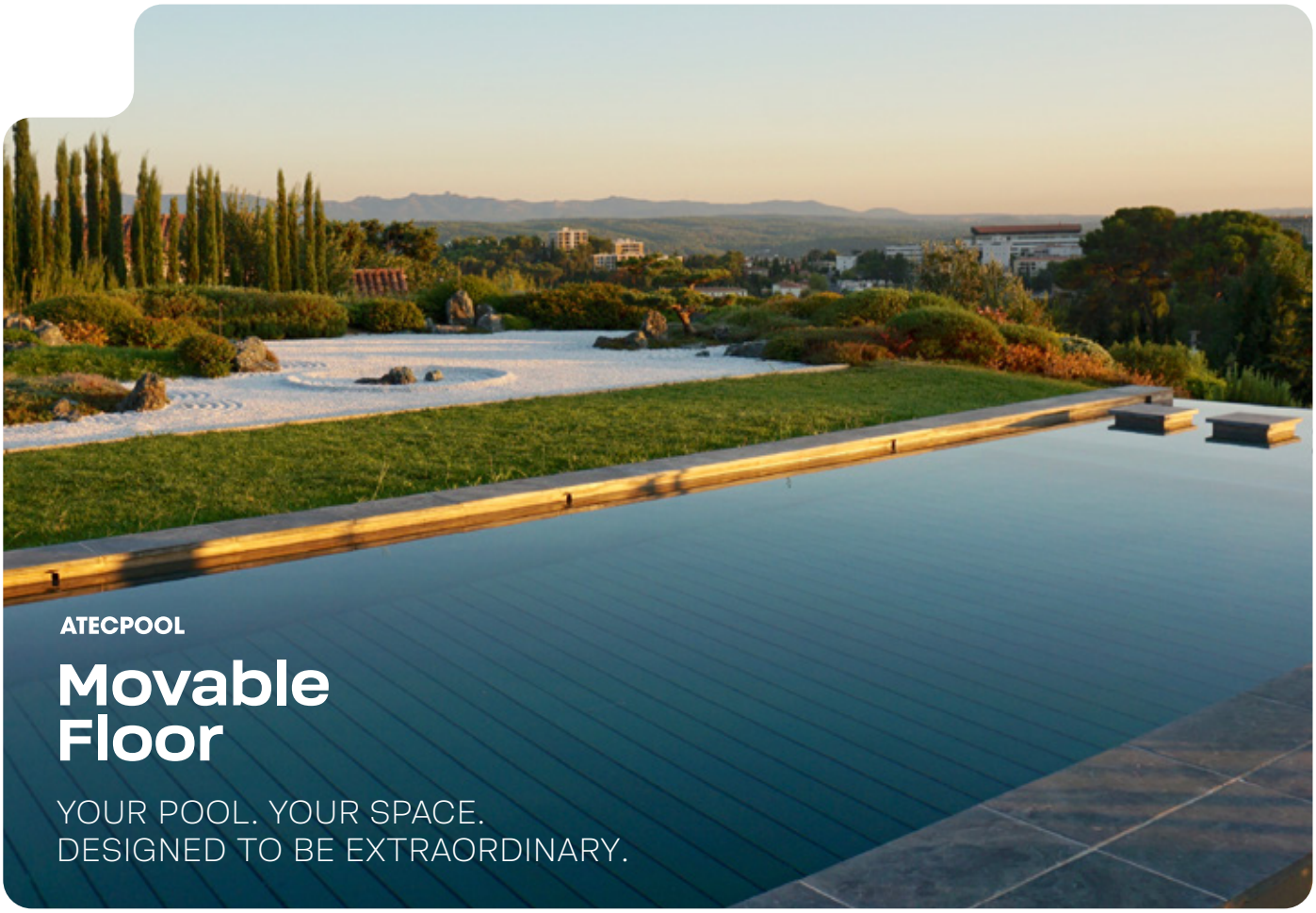
**The BWT Diamond Cell robot** redefines autonomous cleaning standards. Thanks to **its advanced algorithms and latest-generation Gyroscope+ navigation system,** it analyzes your pool configuration and automatically determines the optimal path.

**Its exceptional suction power** of 15 m³/h combined with Diamond Cell Technology guarantees not only impeccable cleaning but also **constant improvement of water quality** during operation.





## BWT Diamond Cell App **Connection**

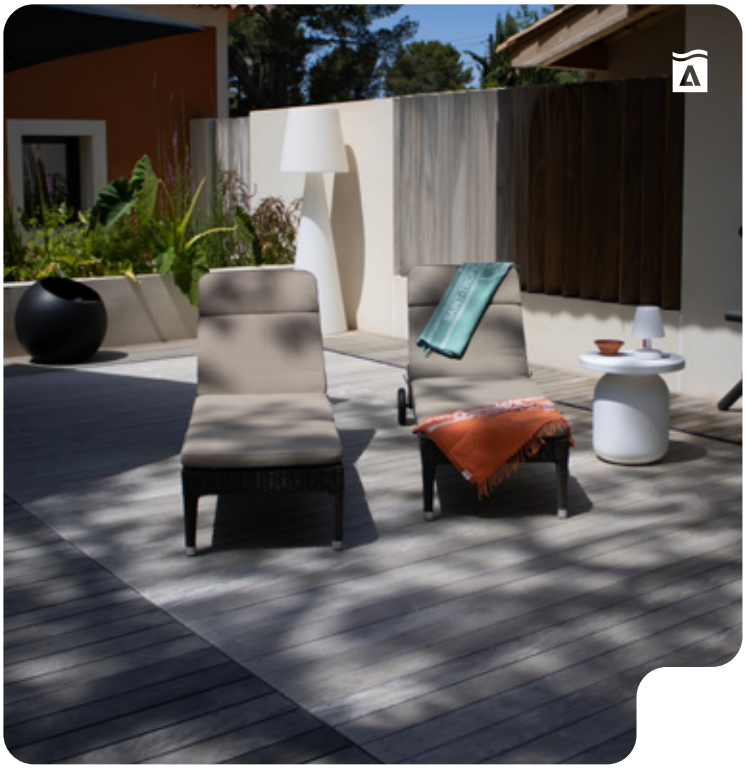


ATECPOOL

# Movable Floor

YOUR POOL. YOUR SPACE.
DESIGNED TO BE EXTRAORDINARY.





## UTILITY

**More Than a Safety System**
**Versatile Use:** Beyond unmatched safety, adjust your movable floor to match any activity.
**Aesthetic Appeal:** Customize your outdoor space with premium finishes.
**Space Optimization:** Make the most of your outside space year-round.



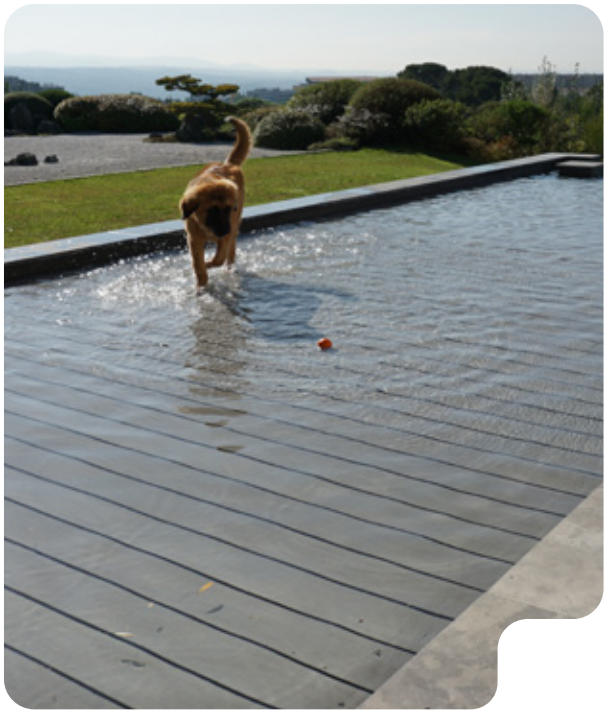
## ACCESSIBILITY

**An Intuitive Movable Floor**
**Simplicity:** Easily operated via mobile app or key switch — accessible for multiple users.
**Adjustable Depth:** Change your pool's depth with a single motion.
**Easy Installation & Maintenance:** Designed for quick setup and hasslefree upkeep.



## DURABILITY

**Refined, High-Quality Technology**
**Committed:** Built with reusable materials as part of our environmental and sustainability efforts.





ecofriendly




## Commercial & Residential Application

Saves money and reduces chemicals in your pool.

# Atecpool AOP

## Advanced Oxidation Process




ecofriendly

## Regenerative Media Filter

1 micron filtration

Saving 96% in water

# Atecpool Regstar Filter

## Regenerative Filter

# CATALOGUE OVERVIEW




ecofriendly

## ATECPOOL REGSTAR

filtration category — page n°66

ACPM Regstar filters, available in various models, create a thin perlite layer on the filter elements, acting as a microscopic sieve. This unique "filter layer" gradually builds up, effectively blocking dirt, setting it apart from conventional filters.



ecofriendly

## ATECPOOL BSE SERIES

water treatment category — page n°247

The ChlorSys BSE Series is a range of electrochlorination system that generates 0.8% sodium hypochlorite using salt, water, and electricity capacities range from 50 g/hr to upwards of 1000 g/hr. Applications include water disinfection, pools, food processing, water sterilization, cooling water treatment in power plants, hospitals, and more.



## ATECPOOL PROO9S

water treatment category — page n°259

The panel is designed for the monitoring and adjusting of pH and chlorine levels in swimming pools. It is equipped with two electromagnetic dosing pumps with inbuilt measurement instrument.




R410A GAS

ecofriendly

## ATECPOOL SIROCCO TORRO

water heating category — page n°202

When maintaining pool temperature at 95% of pool season, the Heat Pump is running at 50% capacity which results in the best energy saving performance and most silent pool environment.




ecofriendly

## ATECPOOL VARIO

pump category — page n°36

Powered by advanced frequency conversion technology, integrated digital intelligence, and a permanent magnet brushless synchronous motor, Atecpool Vario delivers high efficiency, cost-effectiveness, intelligent operation, quiet performance, and enhanced reliability.

# CATALOGUE OVERVIEW



## ATECPOOL EUROMAX PRO

pumps category — page n°42

Atecpool EuroMaxPro Pump provides strong, reliable and outstanding for residential pool & spas. Ring lock seal design eliminate suction leaks and maximize suction efficiency.




ecofriendly

## ATECPOOL AOP

water treatment category — page n°235

Disinfection and prevention of the formation of unhealthy trichloramine and TOC reduction in one compact system is the most effective pool water treatment technology with the fastest return on investment.




ecofriendly

## ATECPOOL PROFIPURE

water treatment category — page n°237

Smallest medium pressure UV you can get. Permanent chlorine-free disinfection and elimination of unhealthy trichloramine in one compact system with healthy pool technology.



ecofriendly

## ATECPOOL BWT POOL COVERS

pool covers category — page n°432

A unique, complete and aesthetic range of automatic covers for a Safe , Sustainable and Clean pool. Durable pool cover that enhances safety, reduces heat loss, evaporation, energy and water costs, while keeping the pool clean and limiting algae growth.

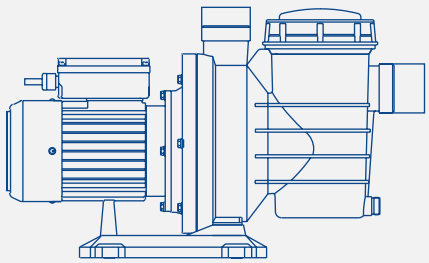


## PEARL WATER GENERATOR HOME

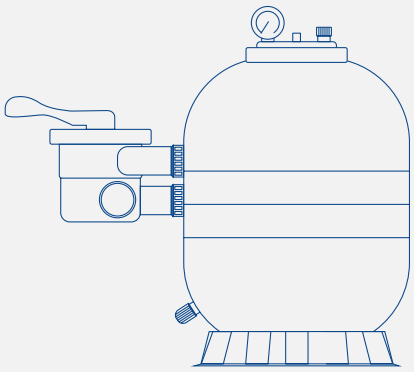
water treatment category — page n°270

Silky-soft, Limescale-Free and pH-Neutral

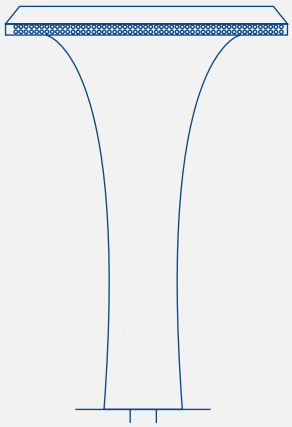
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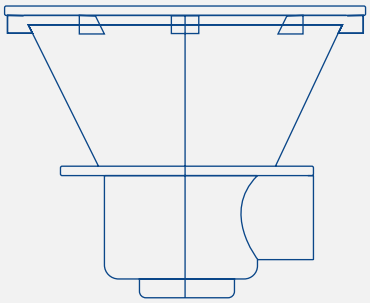
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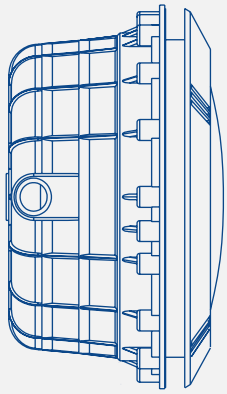
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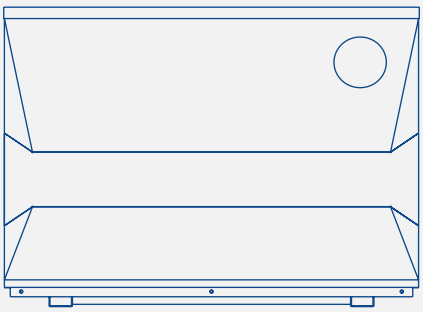
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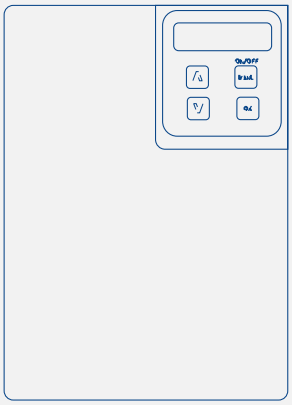
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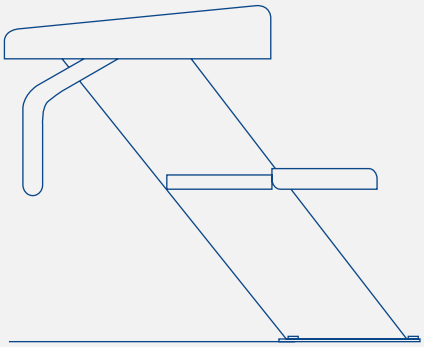


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**6 / POOL HEATING**
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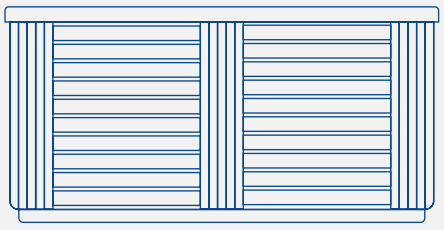


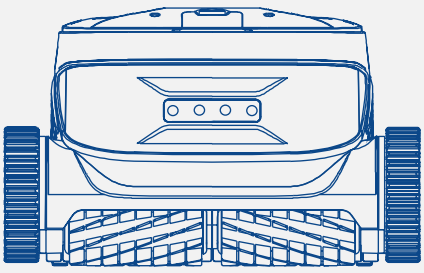
RAINBOW
by ATECPOOL

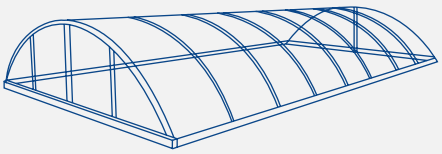
## 7 / WATER TREATMENT
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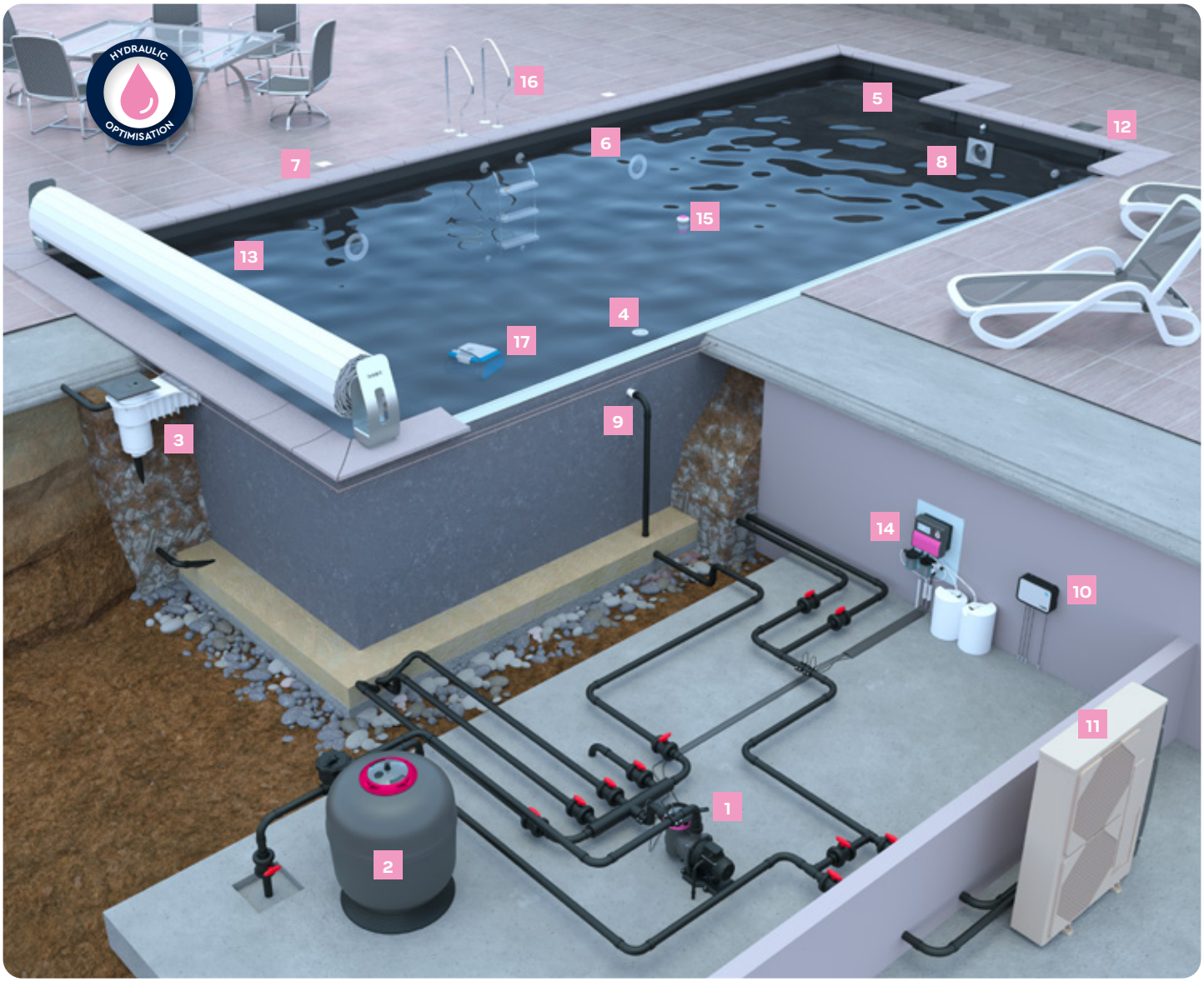


## 10 / WELLNESS
page 327

## 11 / CLEANING EQUIPMENT
page 381

## 12 / POOL COVERS
page 431

# Hydraulic Circuit




1 Self-priming pump with prefilter - Eurostar

2 Filter with 6-way valve - BWT RTM HF

3 Skimmer, recommended flow rate for each skimmer:
- between 3 and 8 m³/h with a Ø 50 mm port
- between 5 and 12 m³/h with a Ø 63 mm port

4 Dual function main drain:
- filtration suction (recommended 30% of the recycling volume)
- draining the pool

5 Return fitting with or without directional jet.
Recommended flow rate per return fitting:
- between 3 and 10 m³/h with a Ø 50 mm port
- between 5 and 12 m³/h with a Ø 63 mm port

6 Low voltage underwater LED light (12 V)

7 Deck box

8 Counterswim unit

9 Vacuum point

10 Electrical panel - BWT Pearl Connect

11 Heat pump - BWT M.P.I.

12 Level controller

13 Automatic slatted cover - BWT Pearl Protect

14 Automatic regulation BWT Medo connect duo

15 BWT Pearl Water Manager

16 Ladder - Rambouillet

17 Robotic Pool cleaners Cosmy the bot



# Best Pool Performance

THE RIGHT SIZING MAKES ALL THE DIFFERENCE

**An efficient pool system starts with properly matched pipes, pumps, and filters. When every component works in balance, you get better circulation, cleaner water, and lower operating costs.**

# 100%

best water circulation with correct system sizing

## Balanced water flow

Correct pipe sizing ensures smooth circulation, preventing pressure loss and improving overall system efficiency.

## Efficient filtration

A properly sized filter processes water at the ideal speed, capturing impurities without restricting flow.

## Right-sized pump power

Matching pump capacity to your pool avoids energy waste while maintaining strong and consistent performance.

## Reduced maintenance

Well-sized systems experience less strain, leading to fewer breakdowns and longer equipment life.

# Designed for performance. Built for reliability.

### Filtration Selection Guide

| Pool volume | Flow Rate with Turn Over Period of 4 Hours | Filter | Pump |
|---|---|---|---|
| (m³) | (m³/h) | Ø (mm) | (HP) |
| **10** | 2.5 | 350 | 0.3 |
| **20-30** | 5-7.5 | 450 | 0.5 |
| **30-40** | 7.5-10 | 500 | 0.75 |
| **50-60** | 12.5-15 | 650 | 1 |
| **70-80** | 17.5-20 | 700 | 1.5 |
| **80-90** | 20-22.5 | 800 | 2 |
| **90-115** | 22.5-28.75 | 900 | 3 |
| **140-150** | 35-37.5 | 1000 | 4 |
| **170-220** | 42.5-55 | 1200 | 5.5 |

**Note:** Filtration Speed: 50m³/h/m² for Residential

### Flowrate and Pipe Sizes

| Inches | Metric | Flow rate - Suction (1.2 m/s) | Flow rate - Discharge (2 m/s) |
|---|---|---|---|
| | (mm) | (m³/h) | (m³/h) |
| 1/2" | 20 | 1 | 1.7 |
| 3/4" | 25 | 1.6 | 2.7 |
| 1" | 32 | 2.7 | 4.5 |
| 1 1/4" | 40 | 4.4 | 7.3 |
| 1 1/2" | 50 | 7.5 | 12.6 |
| 2" | 63 | 11 | 18.4 |
| 2 1/2" | 75 | 15.7 | 26.2 |
| 3" | 90 | 22.3 | 37.1 |



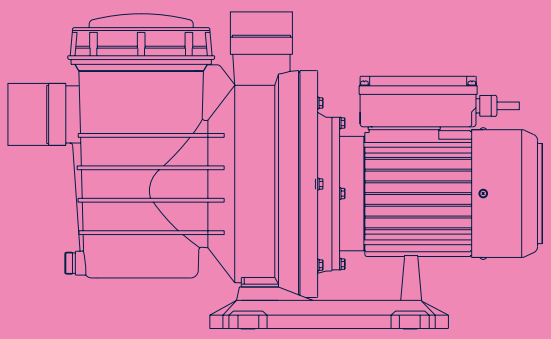

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# Pumps



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# Atecpool Vario

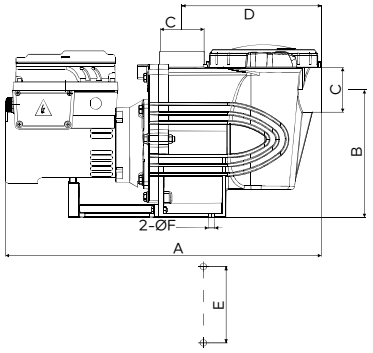
## VARIABLE SPEED PUMP

50-60 Hz

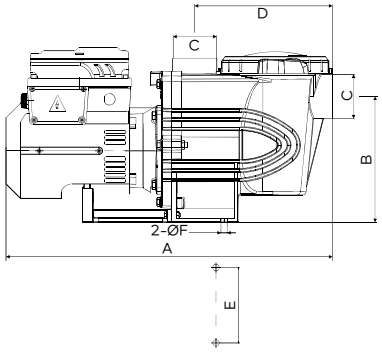
Energy Efficiency IE4




VSP100




VSP300



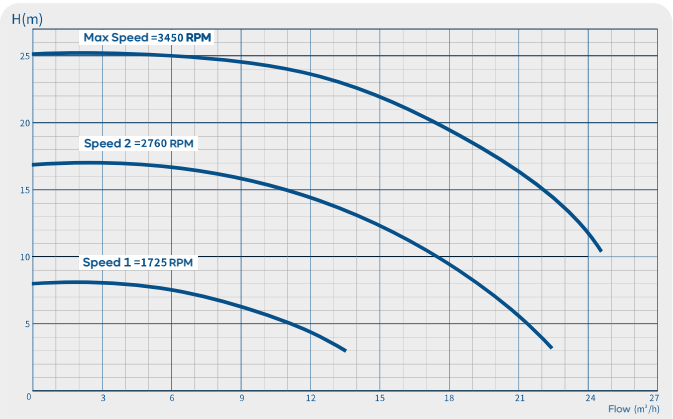

### Atecpool Vario

Powered by advanced frequency conversion technology, integrated digital intelligence, and a permanent magnet brushless synchronous motor, Atecpool Vario delivers high efficiency, cost-effectiveness, intelligent operation, quiet performance, and enhanced reliability.

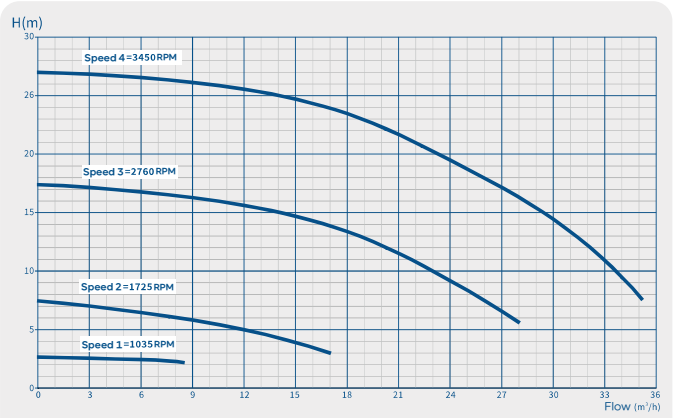
### Specifications

- Quieter operation - less than 48 decibels
- Permanent magnet brushless synchronous motor
- User friendly programming on 2.4 inch LCD
- Dry-run protection, overheating, voltage fluctuation, freezing and over-current protection
- Power supply - 208-240V/50-60Hz
- EagleBurgmann BT mechanical seals
- IE4 motor, Motor insulation: Class F
- Built-in diagnostic for longer service life
- Designed for pool automation with maximum
- energy efficiency
  Safety release system enabled through over-
- current protection
  Pump casing glass fiber reinforced ABS, Impeller - PPO
- Strainer basket and base in PP and glass fiber
- Motor shaft - 316 stainless steel

### Performance Graph VSP100




### Performance Graph VSP300




### Technical Data 50-60Hz (IE4)

| Model | Speed | RPM | Power Consumption |
|---|---|---|---|
| VSP100 | 50% | 1725 | 150-300W |
| | 80% | 2760 | 500-900W |
| | 100% | 3450 | 800-1700W |
| VSP300 | 30% | 1035 | 20-110W |
| | 50% | 1725 | 180-400W |
| | 80% | 2760 | 600-1400W |
| | 100% | 3450 | 1100-2600W |

### Dimensions

| Model | Power | | Dimensions | | | | | |
|---|---|---|---|---|---|---|---|---|
| | HP | kW | A | B | C | D | E | F |
| VSP100 | 1,5 | 1,1 | 570 | 230 | G2" | 250 | 138,5 | 12 |
| VSP300 | 3,0 | 2,2 | 600 | 230 | G2" | 250 | 154 | 12 |

# Atecpool Solar Pump

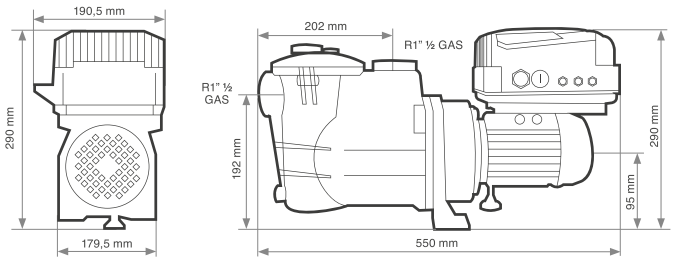
## DIRECT CONNECTION TO SOLAR PANELS

ecofriendly

### Atecpool Solar Pump

Centrifugal pump, for direct connection to solar panels or an electrical grid.



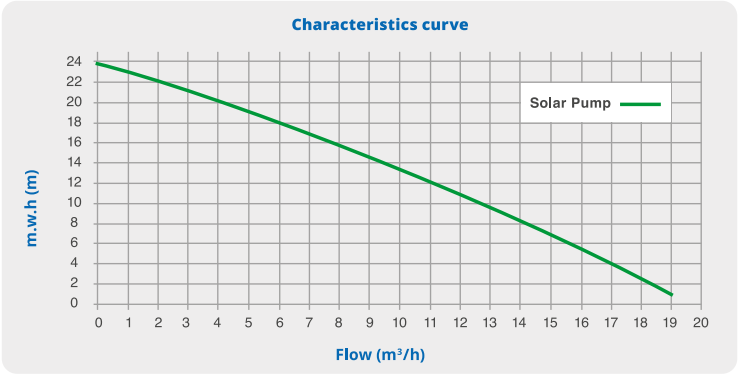



### Specifications

- High energy efficiency achieved due to photovoltaic panels
- Variable speed operation depending on solar radiation
- Electronic configuration improves duty point
- Energy saving due to solar panel power
- Low noise operation
- IP55 for humid and dusty environments
- Mechanical integration of motor and inverter
- Powered by solar panels or standard AC/DC with optional module
- Integrated inverter in aluminum with an independent ventilation system to guarantee excellent thermal performance
- Synchronous three-phase motor
- High efficiency permanent magnets
- Mobile app and Bluetooth connection used to set and monitor different parameters

### Pump Materials

- Pump body: polypropylene +30% GF
- Impeller and diffuser: noryl + 30% GF
- Shaft: stainless steel AISI 316L
- Mechanical seal: carbon + resin - ceramics
- Pre-filter cover: polycarbonate
- Pre-filter basket: polypropylene +5% GF







### Technical Data

| Model | Frequency | Input Current | Input Voltage | Enclosure Rating | Motor insulation | Communication | Input | Output settings | In-out |
|---|---|---|---|---|---|---|---|---|---|
| | Hz | | | | | | | | |
| **ASOLAR100** | 48 ~ 62 | 11A PF:1 | 90~400VDC 1x90-265 V AC | IP55 (NEMA-4) | Class F | RS485, MODBUS RTU protocol | 4 analog inputs (10 or 15 VDC) | Two digital output N.O. or N.C. | 1 1/2" |

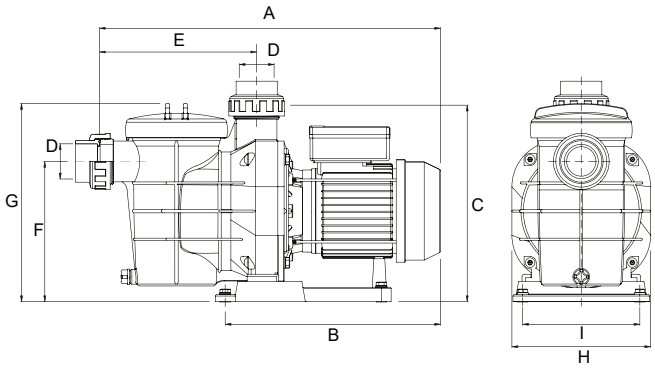
# Atecpool America

## SELF-PRIMING PUMP

Available in 50/60 Hz

Energy Efficiency IE3

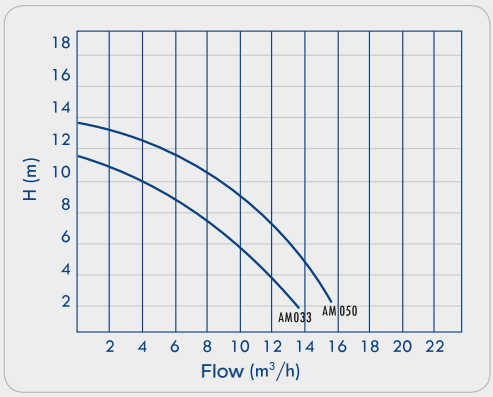





### Atecpool America

- Self-priming electric pump for swimming pools, with built-in pre-filter
- Pre-filter with transparent lid in polycarbonate which allows easy observation of the pre-filter basket
- The pre-filter is closed by means of a thread
- Pump body lid and diffuser in Noryl
- Pump body made in polypropylene reinforced with fiberglass, resistant to the swimming pool chemicals
- Noryl impeller with shaft in stainless steel AISI 316L
- Mechanical seal in graphite and ceramics.
- 60Hz upon request
- Enclosed motor, low-noise operation, with IP-55 protection, 2,850 rpm 230V - 50Hz single-phase or 230 / 400V - 50Hz three-phase
- Suction and discharge connections: 2 ¼" for Ø50 mm bush connections
- Suction and return unions D50 included
- Supplied with both mm and inch fittings
- Motor insulation: Class F

### Performance Graphs




### Technical Data 50Hz (IE3)

| Model | Power | | Manometric Height w.c.m. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| | HP | kW | Flow m³/h | | | | | | | |
| **AM033M** | 0,3 | 0,25 | 13 | 12 | 10 | 7 | 4 | - | - | - |
| **AM050M** | 0,5 | 0,37 | - | 15 | 13 | 11 | 9 | 5 | - | - |

### Dimensions

| Model | Power | | Dimensions | | | | | | | | | Weight | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HP | kW | A | B | C | D | E | F | G | H | I | kg | m³ |
| **AM033M** | 0,3 | 0,25 | 475 | 296 | 280 | Ø 50 | 225 | 200 | 285 | 199 | 168 | 9,7 | 0,059 |
| **AM050M** | 0,5 | 0,37 | 475 | 296 | 280 | Ø 50 | 225 | 200 | 285 | 199 | 168 | 10 | 0,059 |

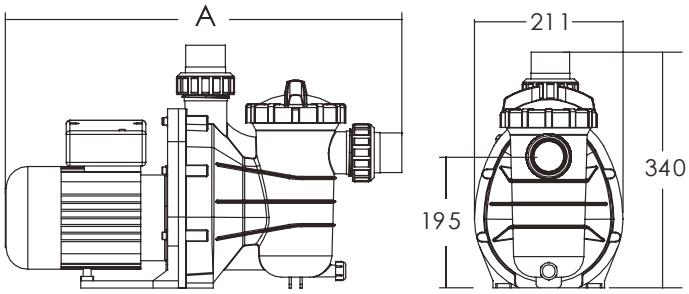
# Atecpool FlowMax

## SELF-PRIMING PUMP

Available in 50/60 Hz

Energy Efficiency IE3

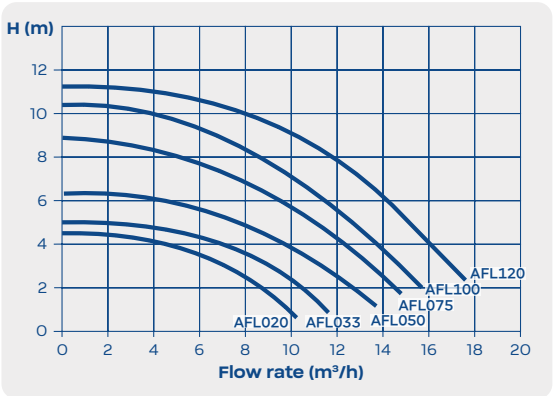




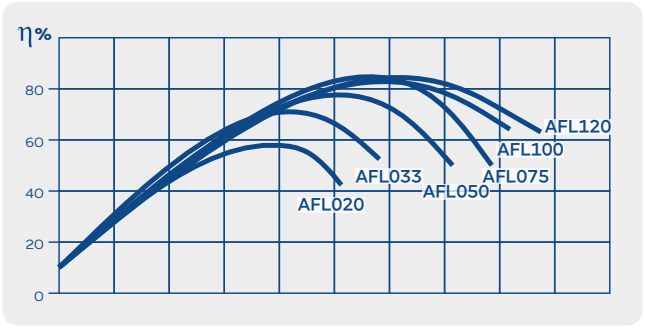

### Atecpool FlowMax

- Asynchronous, Two-pole motor
- Motor: 50Hz / 2,850 rpm
- IPX5 Waterproof standard
- Built-in thermal protection
- Overload protection
- External heat sink
- Special design union compatible for both Imperial and metric measurement standard
- S.S.316 Shaft
- S.S.316 Mechanical seal
- Motor insulation: Class B
- Low noise level
- Energy savings and easy maintenance
- Available in 50Hz or 60Hz with 230V/110V
- 1.5"/50mm suction and discharge port with transparent lid

### Performance Graphs




### Efficiency Graphs




### Technical Data 50Hz (IE3)

| Model | Power | | | Manometric Height w.c.m. | | | | | Weight | A | Noise |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2 | 4 | 6 | 8 | 10 | | Width | |
| | HP | KW | A | Flow m³/h | | | | | kg | mm | dB |
| **AFL020** | 0,2 | 0,28 | 1,5 | 8,4 | 4 | - | - | - | 6,2 | 507 | 55 |
| **AFL030** | 0,33 | 0,43 | 2 | 10,4 | 7 | - | - | - | 6,5 | 507 | 55 |
| **AFL050** | 0,5 | 0,55 | 2,5 | 12,4 | 10 | 4 | - | - | 8,0 | 552 | 60 |
| **AFL075** | 0,75 | 0,75 | 3,5 | 14,4 | 12,2 | 9,4 | 5 | - | 9,0 | 552 | 60 |
| **AFL100** | 1,0 | 0,90 | 4,7 | 15,2 | 13,8 | 11,4 | 8,4 | 4 | 9,1 | 552 | 65 |
| **AFL120** | 1,2 | 0,97 | 5,8 | 18 | 16 | 14 | 12 | 8 | 11,00 | 552 | 65 |

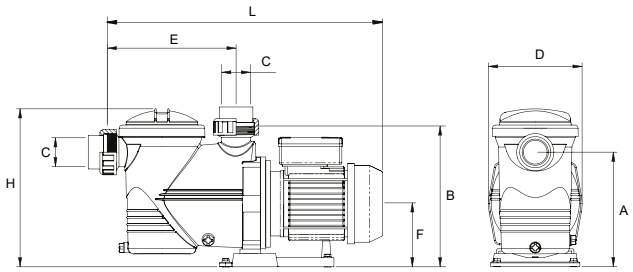
# Atecpool Niagara

## SELF-PRIMING PUMP

Available in 50/60 Hz

Energy Efficiency IE3

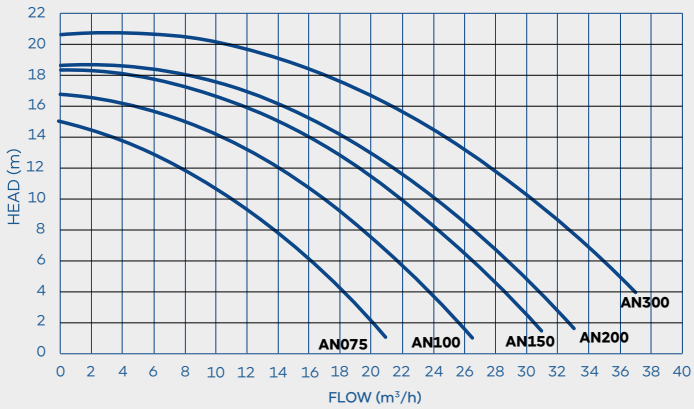





### Atecpool Niagara

- Self-priming electric pump for swimming pools, with built-in pre-filter
- Pre-filter with transparent lid in polycarbonate that allows easy observation of the pre-filter basket
- The pre-filter is closed by means of a thread.
- Pump body made in polypropylene reinforced with fiberglass, resistant to the swimming pool chemicals
- Pump body lid and diffuser in Noryl.
- Noryl impeller with shaft in stainless steel AISI 316L
- Mechanical seal in graphite and ceramics.
- Motor shaft manufactured in stainless steel AISI 316L
- Enclosed motor, totally silent, with IP-55 protection, at 2,850 rpm 230V - 50Hz single-phase or 230 / 400V - 50Hz three phase. 60Hz upon request
- Connections of suction and return at 2 ¾" for Ø63 mm bush connections
- Supplied with both mm and inch fittings
- Motor insulation: Class F

### Performance Graph




| Model | Power | | Manometric Height w.c.m. | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| | HP | kW | Flow m³/h | | | | | | | | | |
| AN075M<br>AN075T | 0,75 | 0,55 | 20 | 18,5 | 16,1 | 13,7 | 11 | 7,8 | 3,8 | - | - | - |
| AN100M<br>AN100T | 1 | 0,75 | 25,8 | 23,8 | 21,5 | 19,7 | 16,4 | 14 | 10,2 | 5 | - | - |
| AN150M<br>AN150T | 1,5 | 1,10 | 30,5 | 28,5 | 26,6 | 24,2 | 21,7 | 19,2 | 16 | 12 | 5 | - |
| AN200M<br>AN200T | 2 | 1,50 | 32,8 | 31 | 28,8 | 26,5 | 24 | 21,6 | 18,2 | 14,2 | 8 | - |
| AN300M<br>AN300T | 3 | 2,20 | - | 37 | 35 | 32,8 | 29,9 | 27,9 | 25 | 21,6 | 17 | 10,8 |

### Technical Data 50Hz (IE3)

| Model | Power | | Dimensions | | | | | | | | Weight | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HP | kW | A | B | C | D | E | F | H | L | kg | m³ |
| AN075M<br>AN075T* | 0,75 | 0,55 | 250 | 312 | Ø63 | 205 | 282 | 140 | 348 | 565 | 13 | 0,060 |
| AN100M<br>AN100T* | 1 | 0,75 | 250 | 312 | Ø63 | 205 | 282 | 140 | 348 | 565 | 14 | 0,060 |
| AN150M<br>AN150T* | 1,5 | 1,10 | 250 | 312 | Ø63 | 205 | 282 | 140 | 348 | 590 | 17 | 0,060 |
| AN200M<br>AN200T* | 2 | 1,50 | 250 | 312 | Ø63 | 205 | 282 | 140 | 348 | 605 | 19,5 | 0,060 |
| AN300M<br>AN300T | 3 | 2,20 | 250 | 312 | Ø63 | 205 | 282 | 140 | 348 | 625 | 22,5 | 0,060 |

**Note:** *Three-phase motors from 0.75 HP to 2 HP requires minimum order quantities.

Energy Efficient Pumps

Self Priming Pump

# Atecpool EuroMax Pro Pump




INSPIRED By Water

ATECPOOL
BWT GROUP

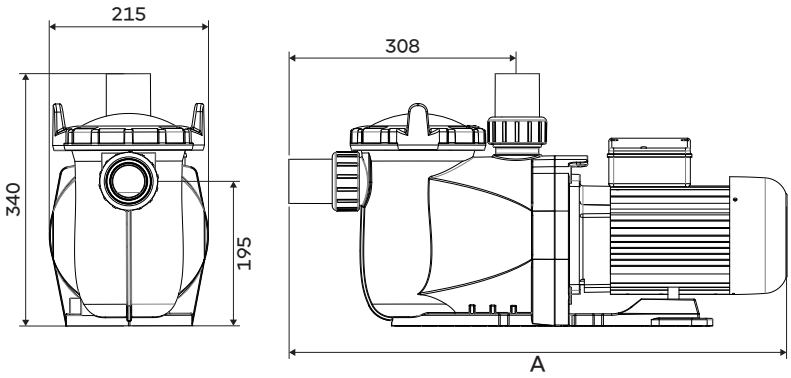
# Atecpool EuroMax Pro

## SELF-PRIMING PUMP

Available in 50/60 Hz

Energy Efficiency IE3

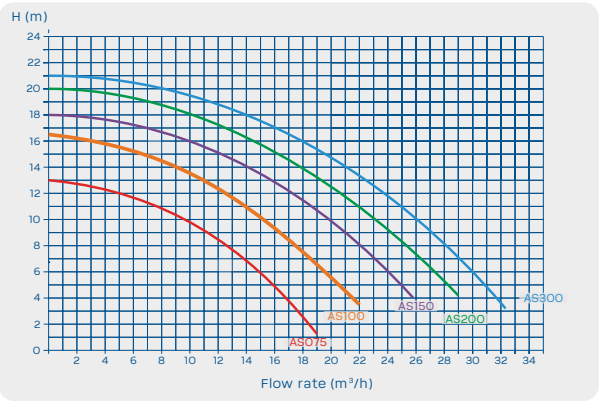




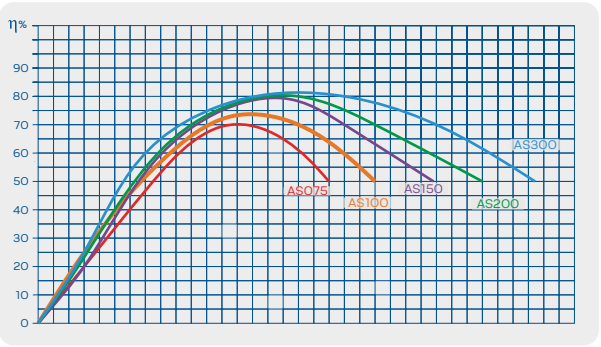

### Atecpool EuroMax Pro

- Self-priming electric pump for swimming pools, with built-in pre-filter
- Motor insulation: Class 155(F)
- Thermal over current protection
- Pump casing glass fiber reinforced ABS
- Noryl Impeller
- Strainer basket and base in PP + glass fiber
- Motor shaft - 316 stainless steel, seal bellows EPDM
- Self-Priming up to 2m above water level
- Testing pressure 50 PSI (3,5 Bar)
- Basket volume 2 litres
- IPX5 Waterproof Standard
- Ring lock seal design eliminates leaks and maximizes suction efficiency
- Enclosed motor, totally silent, with IP-55 protection
- 2,850 rpm 230V - 50Hz single-phase or 230 / 400V-50Hz three- phase.
- Connections of suction and return at 1,5"(50mm)ID /2"(63mm)OD
- Supplied with both mm and inch fittings
- 60Hz upon request

### Performance Graph




### Efficiency Graph




### Technical Data 50Hz (IE3)

| Model | Power | | Noise | Manometric Height w.c.m. | | | | | | Weight | Width |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 6 | 8 | 10 | 12 | 14 | 16 | | A |
| | HP | kW | dB | Flow m³/h | | | | | | kg | mm |
| **AS075MPRO** | 0,75 | 0,55 | 65 | 15 | 12,5 | 9,5 | 5 | - | - | 13,6 | 652 |
| **AS100MPRO** / **AS100TPRO** | 1,0 | 0,75 | 65 | 19,5 | 17,5 | 15,2 | 12,5 | 9 | 3 | 13,8 | 652 |
| **AS150MPRO** / **AS150TPRO** | 1,5 | 1,10 | 67 | 24 | 22 | 20 | 17,5 | 14 | 10 | 14,0 | 652 |
| **AS200MPRO** / **AS200TPRO** | 2,0 | 1,50 | 67 | 27,5 | 25,5 | 23 | 20,5 | 18 | 14,5 | 14,2 | 652 |
| **AS300MPRO** / **AS300TPRO** | 3,0 | 2,20 | 68 | 30 | 28,2 | 26 | 23,8 | 21 | 18 | 14,5 | 682 |

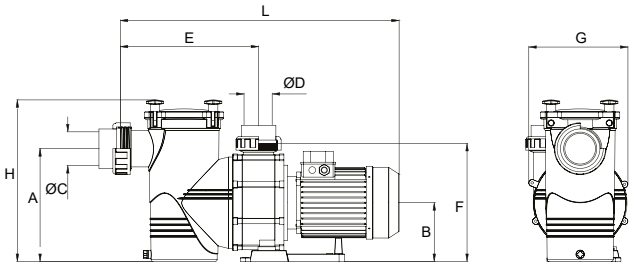
# Atecpool Big Discovery

## SELF-PRIMING PUMP

Available in 50/60 Hz

Energy Efficiency IE3

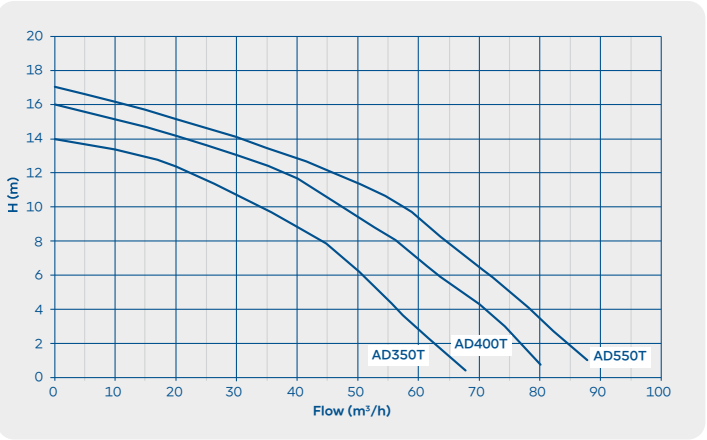





## Atecpool Big Discovery

- Self-priming centrifugal electric pump for swimming pools, self-priming at 2 m
- Built-in pre-filter with great capacity (8 litres)
- Noryl impeller. Bronze impeller on request
- Pre-filter with transparent lid in polycarbonate which allows easy observation of the pre-filter basket. The pre-filter is closed with an easily accessible knob system
- Pump body made in polypropylene reinforced with fiberglass, resistant to the chemical products in the swimming pool
- Mechanical seal in graphite and ceramics
- Motor shaft manufactured in stainless steel AISI 316L.
- Motor with IP-55 protection, at 2,850 r.p.m., 230 / 400V - 50Hz three-phase (upon request 400 / 690V - 50Hz versions available)
- Possibility of 60Hz upon request
- Suction connection Ø90 mm, return connection Ø75 mm. Both supplied with bush connections
- Motor insulation: Class F

## Performance Graph




## Technical Data 50Hz (IE3)

| Model | Power | | Manometric Height w.c.m. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 |
| | HP | kW | Flow m³/h | | | | | | | |
| **AD350T** | 3 | 2,2 | 62,5 | 56 | 51 | 44 | 34 | 22,5 | - | - |
| **AD400T** | 4 | 2,9 | 77,5 | 71 | 63 | 56 | 47 | 37,5 | 22 | - |
| **AD550T** | 5,5 | 4 | 85 | 78 | 72 | 64 | 57 | 45,1 | 31 | 11 |

## Dimensions

| Model | Power | | Dimensions | | | | | | | | | Weight | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HP | kW | A | B | C | D | E | F | G | H | L | kg | m³ |
| **AD350T** | 3 | 2,2 | 300 | 160 | Ø90 | Ø75 | 368 | 320 | 264 | 431 | 713 | 24 | 0,12 |
| **AD400T** | 4 | 2,9 | 300 | 160 | Ø90 | Ø75 | 368 | 320 | 264 | 431 | 743 | 27 | 0,12 |
| **AD550T** | 5,5 | 4 | 300 | 160 | Ø90 | Ø75 | 368 | 320 | 264 | 431 | 743 | 29 | 0,12 |

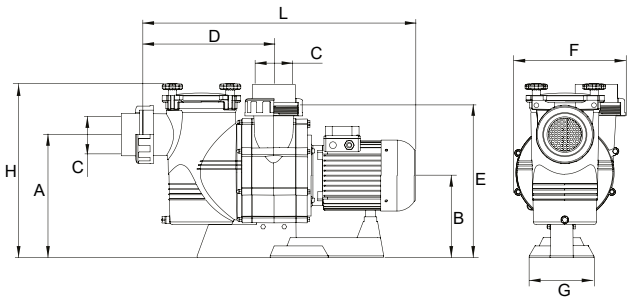
# Atecpool Aeres

## CENTRIFUGAL PUMP

Available in 50/60 Hz

Energy Efficiency IE3

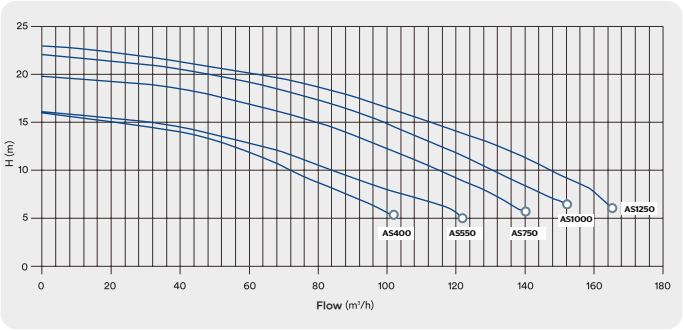





### Atecpool Aeres

- High flow plastic pump
- Pre-filter with transparent lid in polycarbonate which allows easy observation of the pre-filter basket
- The pre-filter is closed with an easily accessible knob system
- Pump body and pre-filter made in polypropylene reinforced with fiberglass, resistant to the chemical products in the swimming pool, guaranteed to last
- Bronze impeller
- Motor shaft manufactured in stainless steel AISI 316L
- Pre-filter basket in stainless steel
- Motors with IP-55 protection, at 2,850 rpm,
- 230/400V-50Hz or 400/690V - 50Hz (7,5, 10 and 12,5 HP) three-phase, Motor insulation: Class F
- 60 Hz upon request
- Suction and return unions Ø90 mm (4 HP) or Ø110 mm (5.5HP ~ 12.5HP) included

### Performance Graph






Bronze impeller

### Technical Data 50Hz (IE3)

| Model | Power | | Manometric Height w.c.m. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 5 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 |
| | HP | kW | Flow m³/h | | | | | | | | |
| **AS400** | 4 | 2,9 | 102 | 86 | 72 | 60 | 40 | - | - | - | - |
| **AS550** | 5,5 | 4 | 122 | 100 | 84 | 70 | 48 | 4 | - | - | - |
| **AS750** | 7,5 | 5,5 | - | 128 | 116 | 102 | 88 | 72 | 48 | - | - |
| **AS1000** | 10 | 7,4 | - | 143 | 131 | 120 | 106 | 92 | 74 | 48 | - |
| **AS1250** | 12,5 | 9,2 | - | 160 | 148 | 136 | 122 | 106 | 88 | 62 | 28 |

### Dimensions

| Model | Power | | Dimensions | | | | | | | | | Weight | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | HP | kW | A | B | C | D | E | F | G | H | L | kg | m³ |
| **AS400** | 4 | 2,9 | 375 | 255 | Ø90 | 405 | 470 | 330 | 200 | 535 | 820 | 46 | 0,252 |
| **AS550** | 5,5 | 4 | 375 | 255 | Ø110 | 405 | 470 | 330 | 200 | 535 | 840 | 51 | 0,252 |
| **AS750** | 7,5 | 5,5 | 375 | 255 | Ø110 | 405 | 470 | 330 | 200 | 535 | 840 | 57 | 0,252 |
| **AS1000** | 10 | 7,4 | 375 | 255 | Ø110 | 405 | 470 | 330 | 200 | 535 | 910 | 68 | 0,252 |
| **AS1250** | 12,5 | 9,2 | 375 | 255 | Ø110 | 405 | 470 | 330 | 200 | 535 | 955 | 72 | 0,252 |

# Atecpool Maxi

## SELF PRIMING / CENTRIFUGAL PUMP

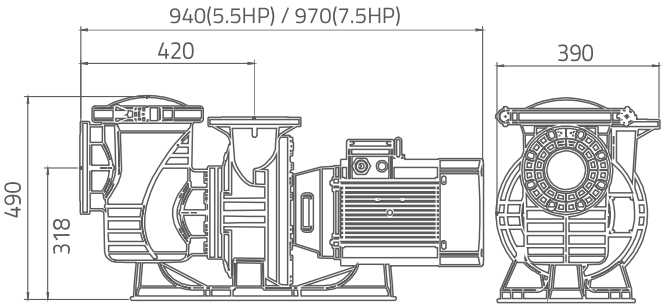
Available in 50/60 Hz

Energy Efficiency IE3

2850/1450 RPM



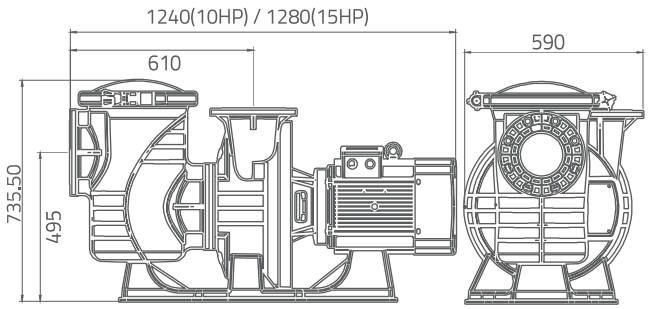

### AMX55/AMX75 - Self-priming pump



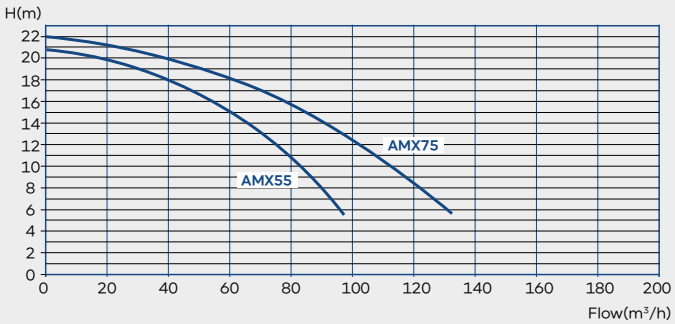

### Atecpool Maxi

- Proven hydraulic efficiency up to 91%
- Premium Efficiency IE3 Class Motor ( compliance IEC 60034-30)
- Pump body made in polypropylene reinforced with fiber glass
- Francis-vane impeller allows for broadband efficiency and large flow range
- Low noise level up to 68dB
- Flange Standard DIN (PN10) and ANSI (Class150)
- Speed 2 pole up to 2850 rpm, 4 pole up to 1450 rpm
- Shaft sleeve - SS316
- Motors with IP55 protection
- Motor insulation: Class F, 400V / 3 ~ / 50 Hz
- 60Hz available upon request

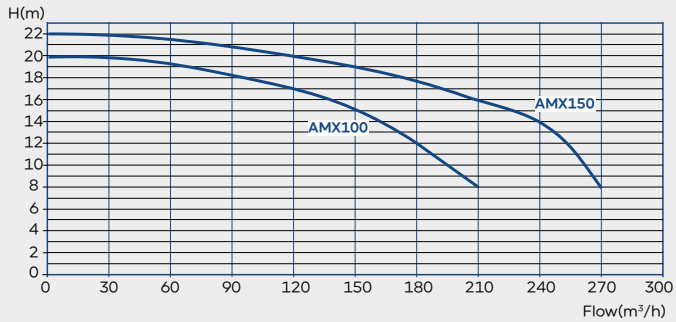
### AMX100/AMX150 - Centrifugal pump




### AMX55/AMX75 - 2850 RPM




### AMX100/AMX150 - 1450RPM




### Technical Data 50Hz (IE3)

| Model | Power | | | Manometric Height w.c.m. | | | | | | Connection Size | Strainer Vol. | Noise |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 6 | 8 | 10 | 12 | 14 | 16 | | | |
| 400V/50Hz | HP | kW | r.p.m. | Flow m³/h | | | | | | ANSI/DIN | L | dB |
| **AMX55** | 5,5 | 4 | 2850 | 95 | 90 | 82 | 75 | 65 | 50 | 4"/DN100 | 13 | 72 |
| **AMX75** | 7,5 | 5,5 | 2850 | 130 | 120 | 110 | 105 | 90 | 80 | 4"/DN100 | 13 | 72 |
| **AMX100** | 10 | 7,5 | 1450 | - | 210 | 185 | 180 | 160 | 135 | 6"/DN150 | 30 | 68 |
| **AMX150** | 15 | 11 | 1450 | - | 270 | 260 | 250 | 240 | 210 | 6"/DN150 | 30 | 68 |

# Atecpool Maxim

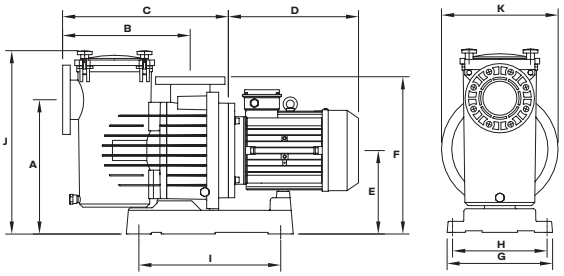
## SELF PRIMING PUMP

Available in 50/60 Hz

Energy Efficiency IE3

2850/1450 RPM





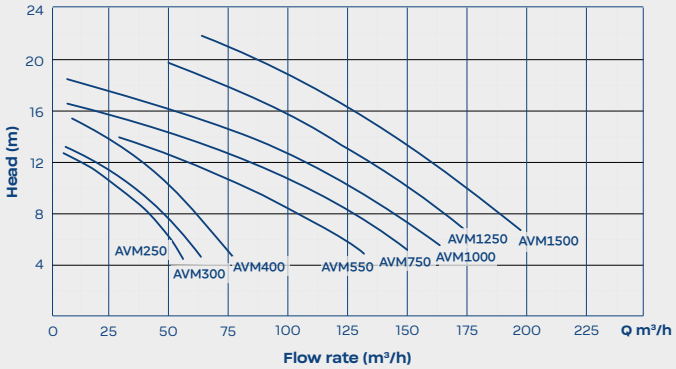



Bronze impeller

### Atecpool Maxim

- Polypropylene + Fiberglass
- Bronze impeller
- Support base in Noryl
- Mechanical seal, screws and shaft in stainless steel AISI-316
- Operation at 1450 rpm up to 10 HP
- Flange connection 110mm (4 inches)
- Large pre-filter basket
- Cataphoresis painting
- IE3 asynchronous motor at 1450 rpm (1750rpm @ 60Hz)
- IP65 Grade, Motor insulation: Class F
- 60Hz upon request

### Performance Graph




### Technical Data 50Hz (IE3)

| Model | Power | | Manometric Height w.c.m. | | | | | | | | | RPM | A | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | | III 230 | III 400 |
| | HP | kW | Flow m³/h | | | | | | | | | | | |
| **AVM250** | 2,5 | 1,8 | 53 | 43 | 32 | 18 | - | - | - | - | - | 1,450 | 8,5 | 4,9 |
| **AVM300** | 3 | 2,2 | 62 | 54 | 43 | 26 | 10 | - | - | - | - | 1,450 | 9,4 | 5,3 |
| **AVM400** | 4 | 3 | 74 | 66 | 56 | 42 | 29 | 14 | - | - | - | 1,450 | 12,5 | 6,9 |
| **AVM550** | 5,5 | 4 | 123 | 104 | 84 | 57 | 30 | - | - | - | - | 1,450 | 15,3 | 8,8 |
| **AVM750** | 7,5 | 5,5 | 143 | 127 | 107 | 85 | 57 | 12 | - | - | - | 1,450 | - | 12 |
| **AVM1000** | 10 | 7,5 | 160 | 145 | 126 | 107 | 80 | 48 | 14 | - | - | 1,450 | - | 15,8 |
| **AVM1250** | 12,5 | 9,2 | - | 167 | 152 | 136 | 118 | 99 | 80 | 47 | - | 2,850 | - | 18,5 |
| **AVM1500** | 15 | 11 | - | 188 | 177 | 162 | 146 | 130 | 112 | 92 | 66 | 2,850 | - | 20,9 |

### Dimensions

| Model | Dimensions (mm) | | | | | | | | | | | | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | K | DNA | DNI | kg |
| **AVM250** | 423 | 405 | 527 | 310 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 42 |
| **AVM300** | 423 | 405 | 527 | 310 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 42,5 |
| **AVM400** | 423 | 405 | 527 | 310 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 44,5 |
| **AVM550** | 423 | 405 | 527 | 335 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 53,4 |
| **AVM750** | 423 | 405 | 527 | 385 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 66 |
| **AVM1000** | 423 | 405 | 527 | 385 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 76 |
| **AVM1250** | 423 | 405 | 527 | 385 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 84,5 |
| **AVM1500** | 423 | 405 | 527 | 385 | 267 | 500 | 335 | 300 | 450 | 596 | 368 | 110 | 110 | 85,5 |

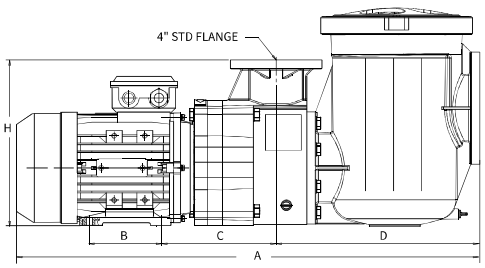
# Atecpool Estha

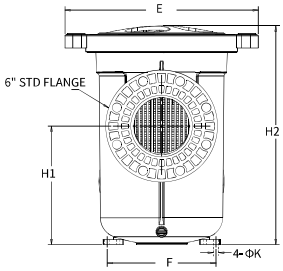
## CENTRIFUGAL PUMP

Available in 50/60 Hz

Energy Efficiency IE3





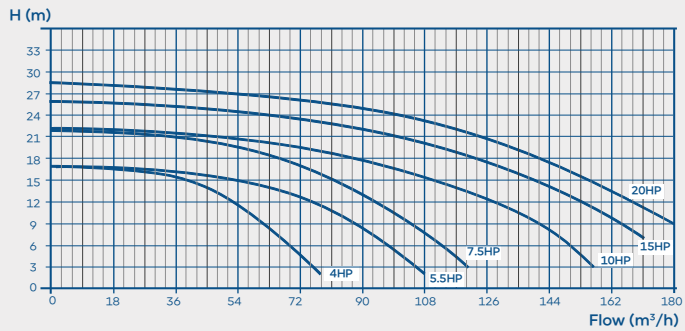

### Atecpool Estha

- Centrifugal pumps complete with prefilter
- Pump body, prefilter, diffuser, pump cover, connection cover, filter and Noryl impeller
- Shaft in stainless steel AISI 316
- Motor: Asynchronous, two poles
- IP-55 protection
- Motor insulation: Class F
- Speed up to 2850 rpm
- IE3/IE4 motor , 380V / 3 ~ / 50 Hz
- Available at 60Hz upon request
- Mechanical seal in silicon carbide

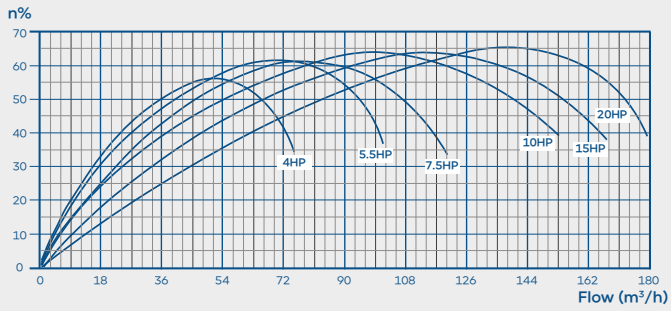
### Dimensions

| Code | Dimensions | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | H | H1 | H2 | K | K |
| **AES40** | 1070 | 140 | 279 | 508 | 483 | 190 | 415 | 295 | 546 | 12 | 368 |
| **AES55** | 1070 | 140 | 279 | 508 | 483 | 190 | 415 | 295 | 546 | 12 | 368 |
| **AES75** | 1145 | 140 | 279 | 508 | 483 | 190 | 415 | 295 | 546 | 12 | 368 |
| **AES100** | 1145 | 140 | 298 | 508 | 483 | 216 | 415 | 295 | 546 | 12 | 368 |
| **AES150** | 1330 | 210 | 305 | 508 | 483 | 216 | 415 | 295 | 546 | 12 | 368 |
| **AES200** | 1330 | 210 | 305 | 508 | 483 | 216 | 415 | 295 | 546 | 12 | 368 |

### Performance Graph




### Efficiency Graph




### Technical Data 50Hz (IE3)

| Model | Power | | A | Manometric Height w.c.m. | | | | | | | Connection Size |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 9 | 12 | 15 | 18 | 21 | 24 | 27 | |
| | HP | kW | 380V | Flow rate (m³/h) | | | | | | | Inlet/Outlet (inch) |
| **AES40** | 4 | 3 | 6,4 | 62 | 52 | 39 | - | - | - | - | 6"/4" |
| **AES55** | 5,5 | 4 | 8,3 | 88 | 75 | 54 | - | - | - | - | 6"/4" |
| **AES75** | 7,5 | 5,5 | 11,1 | 104 | 94 | 82 | 67 | 39 | - | - | 6"/4" |
| **AES100** | 10 | 7,5 | 14,9 | 141 | 128 | 112 | 89 | 50 | - | - | 6"/4" |
| **AES150** | 15 | 11 | 21 | 164 | 153 | 140 | 125 | 102 | 65 | - | 6"/4" |
| **AES200** | 20 | 15 | 28 | 179 | 167 | 155 | 141 | 125 | 103 | 57 | 6"/4" |

# Atecpool AFN

## SELF-PRIMING CENTRIFUGAL PUMP

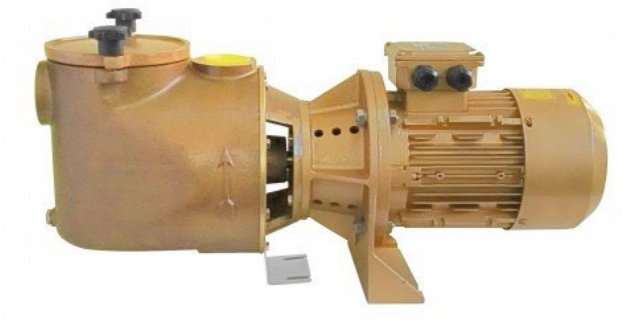
Available in 50/60 Hz

Energy Efficiency IE3

2900 RPM

### Atecpool AFN





Atecpool AFN is a pool pump with excellent resistance due to quality and durable materials. **Upon request it can be manufactured in bronze for use with sea or salt water.**

### Materials Cast Iron Version

Pump housing and diffuser: cast iron

Pre-filter basket: polypropylene

Impeller: brass

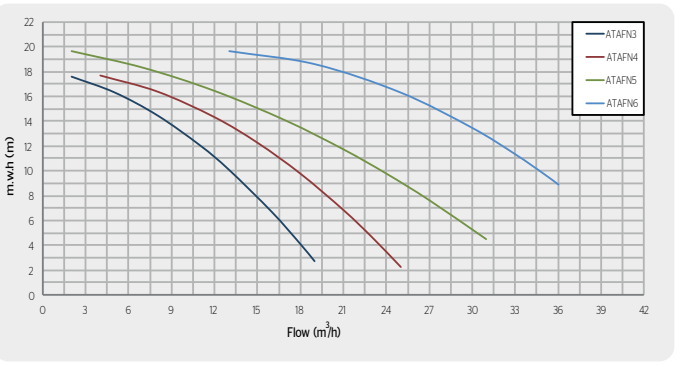
Shaft: stainless steel AISI 316

Mechanical Seal: carbon + resin - ceramics

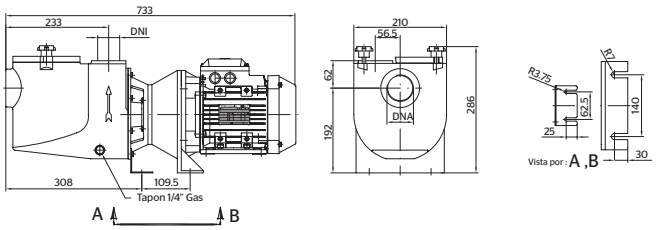
### Specifications

- Superior self-priming capacity up to 6 mwh
- Standard motor shaft which makes it compatible with any worldwide manufacturer's
- Open type impeller
- Available in cast iron or bronze
- High resistance to corrosion - all parts in contact with water are specially treated by long-term cataphoresis
- Highly durable materials
- Suitable for salt and sea water when in bronze version
- Thermal protection incorporated in single-phase version
- Protection: IP 55, Motor insulation: Class F
- Motor: 50Hz / 2900 rpm
- Available at 60Hz upon request

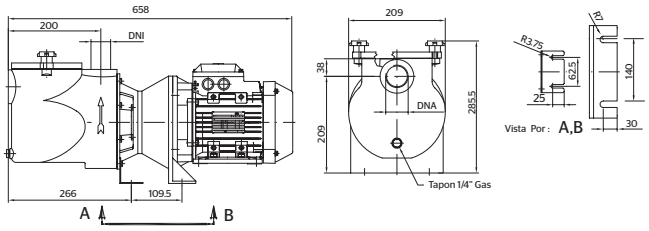
### Performance Graph




ATAFN5-6




ATAFN3-4




### Technical Data 50Hz (IE3)

| Model | | Power | | Capacitor | II | III | | Manometric Height wcm | | | | | | | | | Connections | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cast Iron | Bronze | | | | 230V | 230/400V | | 2 | 4 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | DNA | DNI | |
| | | HP | kW | µF | A | A | A | Flow m³/h | | | | | | | | | IN | OUT | Kg |
| **ATAFN3** | **ATBR-3** | 1 | 0,75 | 100/25 | 4,9 | 2,9 | 1,6 | 19,0 | 17,5 | 15,5 | 13,1 | 10,7 | 8,0 | 5,0 | 1,8 | - | 11/2" | 11/2" | 26,5 |
| **ATAFN4** | **ATBR-4** | 1,5 | 1,1 | 100/30 | 7,0 | 4,0 | 2,3 | 25,0 | 23,0 | 20,7 | 18,0 | 14,8 | 11,6 | 8,0 | 4,0 | - | 11/2" | 11/2" | 30,5 |
| **ATAFN5** | **ATBR-5** | 2 | 1,5 | 200/40 | 9,4 | 5,3 | 3,1 | - | 30,5 | 26,5 | 24,0 | 20,5 | 16,5 | 12,0 | 7,0 | 1,5 | 2" | 2" | 35,8 |
| **ATAFN6** | **ATBR-6** | 3 | 2,2 | - | - | 7,6 | 4,3 | - | - | 36,0 | 35,0 | 33,0 | 30,0 | 25,0 | 19,0 | 13,0 | 21/2" | 2" | 40,5 |

# Atecpool FDN-3000

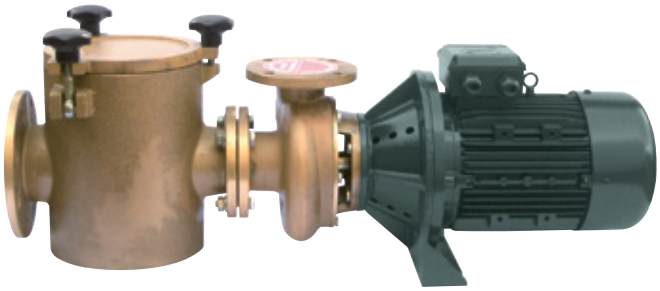
## CENTRIFUGAL PUMP

Available in 50/60 Hz

Energy Efficiency IE3

2900 RPM

### Atecpool FDN-3000





Atecpool FDN-3000 is a pool pump designed to offer the highest performance for the filtration and purification of water in commercial pools. All parts in contact with water are treated by long lasting cataphoresis. This treatment prevents the formation of troublesome oxides on cast iron pumps as the paint chemically combines with all iron molecules located on the surface of the workpiece. The cataphoresis significantly prolongs the life of cast iron and is one of the best anticorrosive and antioxidant treatments existing on the market today. Manufactured fully in bronze on request for use with sea water.

### Materials Cast Iron Version

Pump housing: Cast Iron

Impeller: Bronze / Aluminum

Screws: Stainless Steel AISI 316

Shaft: Stainless Steel AISI 316L

Mechanical Seal: Carbon + Resin - Ceramics

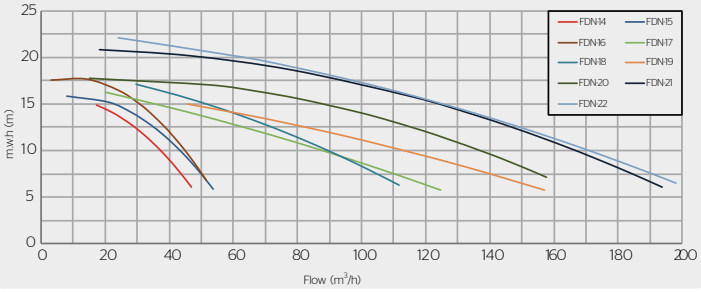
### Specifications

- High efficiency motor class IE3 according to regulation ECn° 640/2009
- Waterproof: IP55
- Flow rate: up to 199 m³/h
- Voltage: 230/400V or 400/690V
- Motor: 50Hz / 2900 rpm
- Available also at 60Hz
- Available in bronze for operation with salt chlorinators and sea water
- Motor insulation: Class F

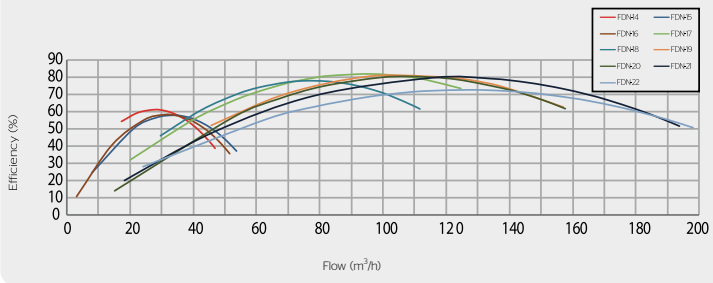
### Technical Data 50Hz (IE3)

| Model | | Power | | III | | III | | Manometric Height wcm | | | | | | | | | Connections | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cast Iron | Bronze | | | 230/400V | | 400/690V | | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | DNA | DNI | |
| | | HP | kW | A | A | A | A | Flow m³/h | | | | | | | | | IN | OUT | Kg |
| **FDN-14** | **FDN-BR14** | 2 | 1,5 | 5,3 | 3,1 | - | - | 47 | 42 | 38 | 31 | 23 | - | - | - | - | 80 | 3" BSP | 53 |
| **FDN-15** | **FDN-BR15** | 3 | 2,2 | 7,6 | 4,3 | - | - | 54 | 48 | 44 | 38 | 28 | 8 | - | - | - | 80 | 3" BSP | 55 |
| **FDN-16** | **FDN-BR16** | 4 | 3 | 9,9 | 5,7 | - | - | 53 | 51 | 46 | 42 | 35 | 26 | 9 | - | - | 80 | 3"BSP | 60 |
| **FDN-17** | **FDN-BR17** | 4 | 3 | 9,9 | 5,7 | - | - | 125 | 108 | 83 | 70 | 51 | 20 | - | - | - | 100 | 100 | 68 |
| **FDN-18** | **FDN-BR18** | 5,5 | 4 | 13,0 | 7,4 | 7,4 | 4,3 | 112 | 102 | 89 | 76 | 61 | 43 | - | - | - | 100 | 100 | 77 |
| **FDN-19** | **FDN-BR19** | 5,5 | 4 | 13,0 | 7,4 | 7,4 | 4,3 | 157 | 130 | 123 | 89 | 64 | - | - | - | - | 125 | 100 | 90 |
| **FDN-20** | **FDN-BR20** | 7,5 | 5,5 | 17,6 | 10,1 | 10,1 | 5,9 | 158 | 149 | 145 | 123 | 99 | 67 | 15 | - | - | 125 | 100 | 99 |
| **FDN-21** | **FDN-BR21** | 10 | 7,5 | - | - | 13,5 | 7,8 | 194 | 180 | 167 | 151 | 134 | 113 | 88 | 51 | - | 125 | 100 | 104 |
| **FDN-22** | **FDN-BR22** | 12,5 | 9,2 | - | - | 16,6 | 9,6 | 199 | 187 | 171 | 154 | 135 | 114 | 91 | 63 | 27 | 125 | 100 | 113 |

### Performance graph




### Efficiency graph



# Atecpool Wave 3000

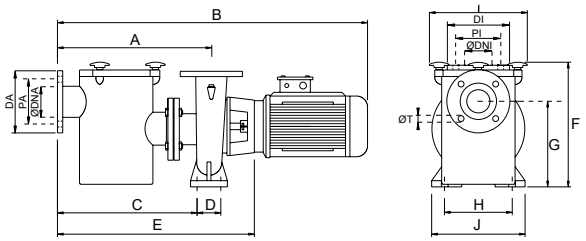
## CENTRIFUGAL PUMP

Available in 50/60 Hz

Energy Efficiency IE3

2900 RPM





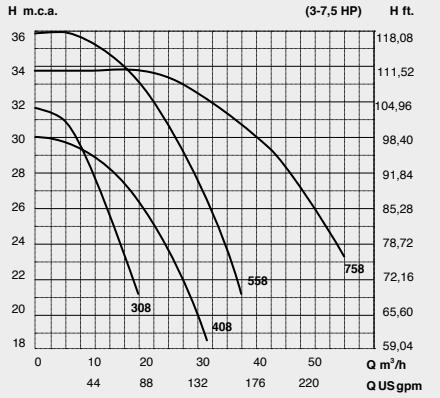

### Atecpool Wave 3000

Atecpool Wave 3000 is a large volume centrifugal pump, to which a pre-filter has been attached to the inlet, making it the ideal pump for large filtering units.

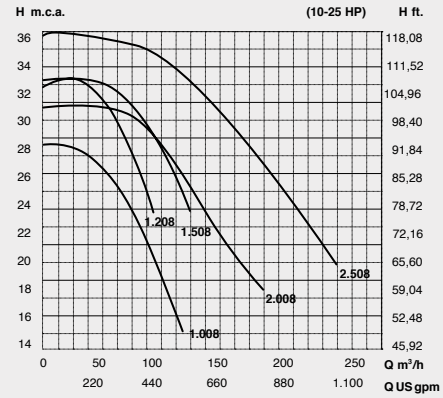
### Specifications

- Cast iron version: pump body, pre-filter, coupling in cast iron
- Shaft and pre-filter sieve in AISI 316 stainless steel
- Bronze impeller
- Mechanical seal in silicon carbide or tungsten carbon
- Protection IP-55. 2 poles 50-60 Hz.
- Totally standard motor, allows the motor to be changed or repaired without emptying the installation
- Standard asynchronous motor, sealed from external ventilation.
- Its standard construction allows it to be replaced with another standard motor
- Speed up to 2900 rpm
- Motor insulation: Class F
- 60Hz upon request

### Performance graph




WAVE 3000 - (3 / 7,5HP)




WAVE 3000 - (10 / 25HP)

### Technical Data 50Hz (IE3)

| Model | Power | | A | | Manometric Height w.c.m. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 230V | 400V | 18 | 20 | 22 | 24 | 25 | 27 | 30 | 32 | 35 |
| | HP | kW | | | Flow m³/h | | | | | | | | |
| AHF2308 | 3 | 2,2 | 8,5 | 5,2 | - | - | 18 | 16 | 14 | 12 | - | - | - |
| AHF2408 | 4 | 3 | 11,8 | 7,1 | - | 29 | 26 | 24 | 22 | 18 | 6 | - | - |
| AHF2558 | 5,5 | 4 | 16,2 | 9,4 | - | - | 36 | 34 | 33 | 30 | 25 | 21 | 12 |
| AHF2758 | 7,5 | 5,5 | - | 14,2 | - | - | - | 54 | 52 | 48 | 41 | 32 | - |
| AHF21008 | 10 | 7,5 | - | 16,5 | 102 | 92 | 83 | 64 | 62 | 42 | - | - | - |
| AHF21208 | 10 | 7,5 | - | 16,5 | - | - | - | 88 | 84 | 74 | 56 | 36 | - |
| AHF21508 | 15 | 11 | - | 24,2 | - | - | - | 117 | 113 | 102 | 78 | 54 | - |
| AHF22008 | 20 | 15 | - | 32 | - | 165 | 140 | 125 | 118 | 114 | 85 | - | - |
| AHF22508 | 25 | 18,5 | - | 41,5 | - | 240 | 225 | 200 | 190 | 175 | 145 | 125 | 72 |

### Dimensions

| Model | Dimensions (mm) | | | | | | | | | | Intake | | | | | Output | | | | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | ØDNA | DA | PA | N°T | ØT | ØDNI | DI | PI | N°T | ØT | Hi |
| AHF2308 | 460 | 878 | 425 | 70 | 606 | 415 | 262 | 190 | 265 | 245 | 65 | 185 | 145 | 4 | 18 | 32 | 140 | 100 | 4 | 16 | 94 |
| AHF2408 | 460 | 940 | 425 | 70 | 634 | 415 | 262 | 190 | 265 | 245 | 65 | 185 | 145 | 4 | 18 | 32 | 140 | 100 | 4 | 16 | 105 |
| AHF2558 | 460 | 962 | 425 | 95 | 634 | 415 | 262 | 190 | 265 | 245 | 65 | 185 | 145 | 4 | 18 | 32 | 140 | 100 | 4 | 16 | 110 |
| AHF2758 | 460 | 1075 | 425 | 95 | 673 | 415 | 262 | 190 | 305 | 300 | 65 | 185 | 145 | 4 | 18 | 40 | 150 | 110 | 4 | 18 | 140 |
| AHF21008 | 480 | 1130 | 445 | 95 | 693 | 415 | 262 | 190 | 305 | 300 | 65 | 185 | 145 | 4 | 18 | 50 | 150 | 110 | 4 | 18 | 155 |
| AHF21208 | 480 | 1130 | 445 | 120 | 693 | 415 | 290 | 212 | 306 | 301 | 65 | 185 | 145 | 4 | 18 | 50 | 165 | 125 | 4 | 18 | 176 |
| AHF21508 | 480 | 1261 | - | - | 723 | 415 | 290 | 254 | 355 | 350 | 80 | 200 | 160 | 8 | 18 | 65 | 185 | 145 | 8 | 18 | 272 |
| AHF22008 | 505 | 1286 | - | - | 748 | 415 | 295 | 254 | 355 | 350 | 100 | 220 | 180 | 8 | 18 | 80 | 200 | 160 | 8 | 18 | 355 |
| AHF22508 | 505 | 1297 | - | - | 748 | 415 | 295 | 279 | 355 | 350 | 100 | 220 | 180 | 8 | 18 | 80 | 200 | 160 | 8 | 18 | 385 |

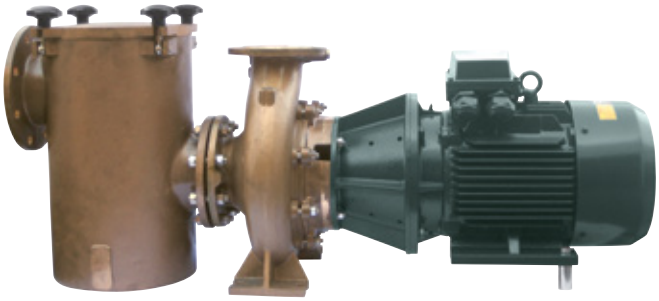
# Atecpool FDN-1500-H

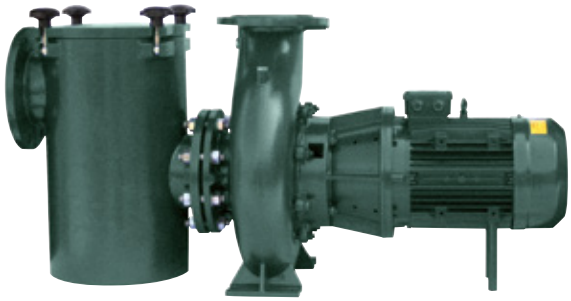
## CENTRIFUGAL PUMP

Available in 50/60 Hz

Energy Efficiency IE3

1450 RPM





### Atecpool FDN-1500-H

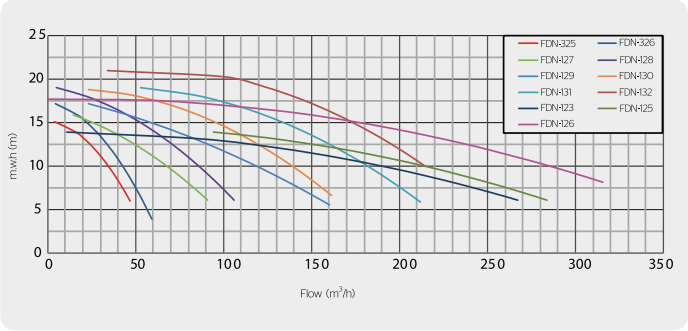
Atecpool FDN-1500-H is a pool pump, specially designed for public pools and competition pools. All parts in contact with water are treated by long lasting cataphoresis. This treatment prevents the formation of troublesome oxides on cast iron pumps as the paint chemically combines with all iron molecules located on the surface of the workpiece. The cataphoresis significantly prolongs the life of cast iron and is one of the best anti-corrosive and anti-rust treatments existing on the market. **Manufactured fully in bronze on request for use with seawater.**

**Materials Cast Iron Version**
Pump housing: Cast Iron
Impeller: Cast Iron or Bronze
Prefilter basket: AISI 304
Shaft: Stainless Steel AISI 316L
Screws: Stainless Steel AISI 316
Mechanical Seal: Carbon + Resin - Ceramics

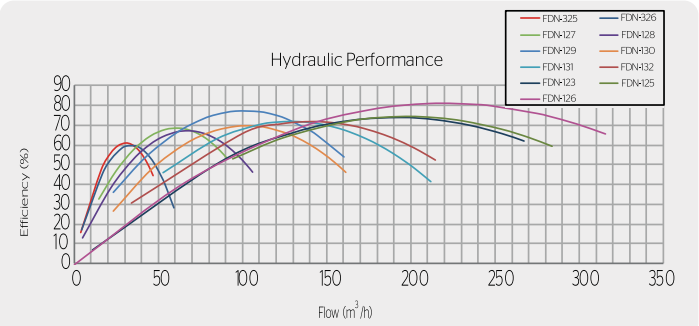
### Specifications

- High efficiency motor class IE3 according to regulation ECn° 640/2009
- Waterproof: IP55
- Flow rate: up to 300 m³/h
- Voltage: 230/400V or 400/690V
- Motor: 50Hz / 1450 rpm
- Available also at 60Hz upon request
- Available in bronze for operation with salt chlorinators and sea water
- Motor insulation: Class F

### Performance graph




### Efficiency graph




### Technical Data 50Hz (IE3)

| Model | | Power | | III | | III | | Manometric Height wcm | | | | | | | | | Connections | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Cast Iron | Bronze | | | 230/400V | | 400/690V | | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 21 | DNA | DNI | |
| | | HP | kW | A | A | A | A | Flow m³/h | | | | | | | | | IN | OUT | Kg |
| FDN-325 | FDN-BR325 | 2 | 1,5 | 5,7 | 3,3 | - | - | 47 | 41 | 34 | 26 | 16 | - | - | - | - | 100 | 50 | 84 |
| FDN-326 | FDN-BR326 | 3 | 2,2 | 7,9 | 4,5 | - | - | 54 | 48 | 42 | 36 | 28 | 17 | - | - | - | 100 | 50 | 89 |
| FDN-127 | FDN-BR127 | 4 | 3 | 10,5 | 6,0 | - | - | 91 | 80 | 68 | 54 | 35 | 15 | - | - | - | 100 | 80 | 103 |
| FDN-128 | FDN-BR128 | 5,5 | 4 | 13,8 | 7,9 | 7,9 | 4,6 | 106 | 97 | 86 | 73 | 61 | 45 | 22 | - | - | 100 | 80 | 111 |
| FDN-129 | FDN-BR129 | 7,5 | 5,5 | 18,6 | 10,7 | 10,7 | 6,2 | 160 | 139 | 118 | 96 | 76 | 42 | - | - | - | 125 | 100 | 143 |
| FDN-130 | FDN-BR130 | 10 | 7,5 | - | - | 14,3 | 8,3 | 162 | 155 | 140 | 126 | 107 | 82 | 46 | - | - | 125 | 100 | 153 |
| FDN-131 | FDN-BR131 | 12,5 | 9,2 | - | - | 17,5 | 10,1 | 212 | 197 | 181 | 163 | 145 | 121 | 84 | - | - | 150 | 100 | 213 |
| FDN-132 | FDN-BR132 | 15 | 11 | - | - | 20,4 | 11,8 | - | - | 214 | 198 | 184 | 164 | 141 | 100 | - | 150 | 100 | 243 |
| FDN-123 | - | 10 | 7,5 | - | - | 14,3 | 8,3 | 268 | 235 | 194 | 131 | 11 | - | - | - | - | 150 | 125 | 220 |
| FDN-125 | - | 12,5 | 9,2 | - | - | 17,5 | 10,1 | 284 | 254 | 215 | 164 | 94 | - | - | - | - | 150 | 125 | 228 |
| FDN-126 | - | 15 | 11 | - | - | 20,4 | 11,8 | - | 316 | 281 | 248 | 211 | 131 | - | - | - | 150 | 125 | 261 |

# Atecpool Coral 1500

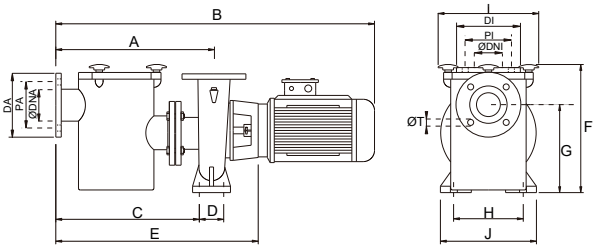
## CENTRIFUGAL PUMP

Available in 50/60 Hz

Energy Efficiency IE3

1450 RPM





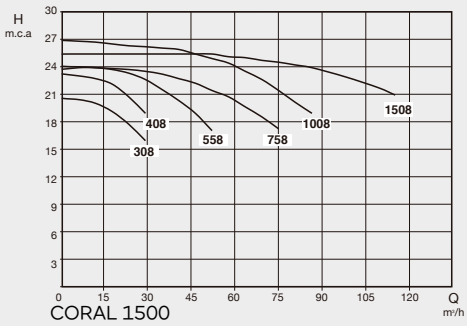

### Atecpool Coral 1500

Atecpool Coral 1500 Cast Iron 1450 rpm. centrifugal pump, to which a pre-filter has been attached to the inlet, making these the ideal pump for large filtering units. The fact that the pump works with a 4 poles motor makes it very quiet and long lasting.

### Specifications

- Pump body, support, pre-filter in cast iron. Shaft-coupling and pre-filter sieve in AISI 316 stainless steel
- Mechanical seal in carbon - silicon carbide
- Bronze impeller
- Motor insulation: Class F
- Standard asynchronous motor, sealed from external ventilation
- Its standard construction allows it to be replaced with another standard motor
- Protection IP-55. 4 poles 50-60 Hz
- Motor: 1450 rpm
- Available also at 60Hz upon request

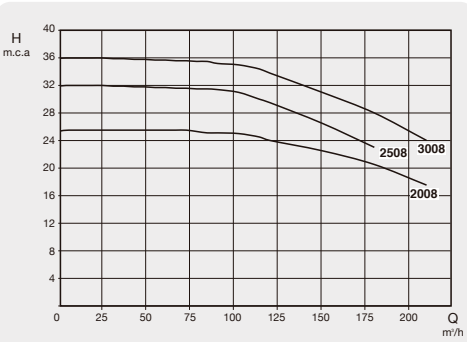
### Performance graph




CORAL 1500

note:

| | | |
|---|---|---|
| 308 = AHF4300 | 758 = AHF4750 | 2008 = AHF42000 |
| 408 = AHF4400 | 1008 = AHF41000 | 2508 = AHF42500 |
| 558 = AHF4550 | 1508 = AHF41500 | 3008 = AHF43000 |




CORAL 1500

### Technical Data 50Hz (IE3)

| Model | Power | | A | | Manometric Height w.c.m. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 230V | 400V | 18 | 20 | 22 | 24 | 25 | 27 | 30 | 32 | 35 |
| | HP | kW | | | Flow m³/h | | | | | | | | |
| **AHF4300** | 3 | 2,2 | 9,4 | 5,5 | 23 | 13 | - | - | - | - | - | - | - |
| **AHF4400** | 4 | 3 | 12,5 | 6,9 | - | 27 | 19 | - | - | - | - | - | - |
| **AHF4550** | 5,5 | 4 | 17 | 9,2 | 51 | 43 | 33 | - | - | - | - | - | - |
| **AHF4750** | 7,5 | 5,5 | 23 | 12 | 75 | 64 | 50 | 12 | - | - | - | - | - |
| **AHF41000** | 10 | 7,5 | - | 15,5 | - | 85 | 75 | 63 | 54 | - | - | - | - |
| **AHF41500** | 15 | 11 | - | 21,8 | - | - | 110 | 90 | 72 | - | - | - | - |
| **AHF42000** | 20 | 15 | - | 32 | - | 190 | 160 | 120 | 102 | - | - | - | - |
| **AHF42500** | 25 | 18,5 | - | 41,5 | - | - | - | 170 | 160 | 140 | 120 | 30 | - |
| **AHF43000** | 30 | 22,5 | - | 52 | - | - | - | 210 | 200 | 190 | 160 | 135 | 102 |

### Dimensions

| Model | Dimensions (mm) | | | | | | | | | | Intake | | | | | Output | | | | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | J | ØDNA | DA | PA | N°T | ØT | ØDNI | DI | PI | N°T | ØT | Kg |
| **AHF4300** | 480 | 994 | 432 | 95 | 654 | 415 | 310 | 250 | 260 | 336 | 65 | 185 | 145 | 4 | 16 | 40 | 150 | 110 | 4 | 16 | 127 |
| **AHF4400** | 480 | 994 | 432 | 95 | 654 | 415 | 310 | 250 | 260 | 336 | 65 | 185 | 145 | 4 | 16 | 40 | 150 | 110 | 4 | 16 | 127 |
| **AHF4550** | 480 | 994 | 432 | 95 | 654 | 415 | 310 | 250 | 260 | 343 | 65 | 185 | 145 | 4 | 16 | 50 | 165 | 125 | 4 | 16 | 139 |
| **AHF4750** | 480 | 1125 | 420 | 120 | 723 | 450 | 330 | 280 | 260 | 370 | 80 | 200 | 160 | 8 | 16 | 65 | 185 | 145 | 4 | 6 | 195 |
| **AHF41000** | 505 | 1185 | 445 | 120 | 748 | 505 | 355 | 315 | 260 | 429 | 80 | 200 | 160 | 8 | 16 | 65 | 185 | 145 | 4 | 16 | 211 |
| **AHF41500** | 505 | 1283 | 445 | 120 | 778 | 480 | 315 | 315 | 260 | 410 | 100 | 220 | 180 | 8 | 16 | 80 | 200 | 160 | 8 | 6 | 306 |
| **AHF42000** | 520 | 1341 | 460 | 120 | 793 | 505 | 315 | 315 | 260 | 424 | 125 | 250 | 210 | 8 | 16 | 100 | 220 | 180 | 8 | 16 | 324 |
| **AHF42500** | 520 | 1373 | 460 | 120 | 793 | 565 | 315 | 315 | 260 | 478 | 125 | 250 | 210 | 8 | 16 | 100 | 220 | 180 | 8 | 6 | 364 |
| **AHF43000** | 520 | 1406 | 460 | 120 | 793 | 565 | 315 | 315 | 260 | 478 | 125 | 250 | 210 | 8 | 16 | 100 | 220 | 180 | 8 | 16 | 376 |

# Atecpool Lagoon Pump

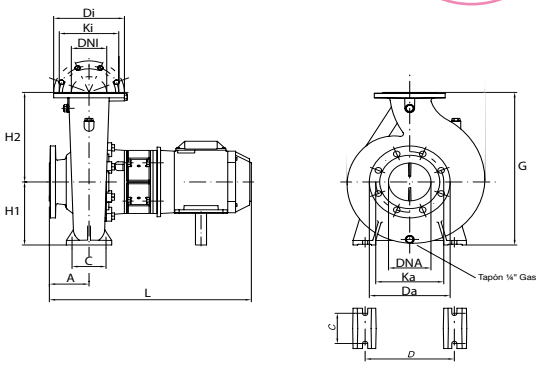
## CENTRIFUGAL PUMP

Available in 50/60 Hz

Energy Efficiency IE3

1450 RPM






### Atecpool Lagoon Pumps

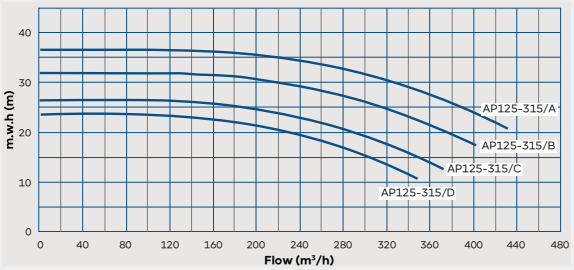
Atecpool Lagoon pumps, specially designed for water slides, Lagoons, large water bodies include end-suction centrifugal pumps, dimensionally designed according to EN733. All parts in contact with water are treated by long lasting cataphoresis prolongs the life of cast iron.

### Specifications

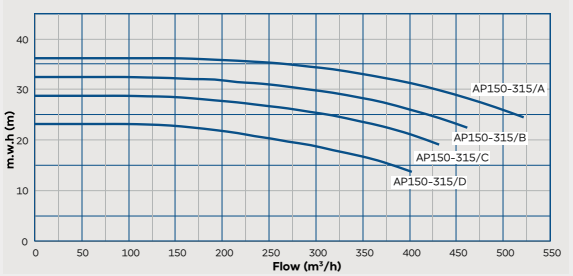
- Protection: IP55
- Flow rate: up to 522 m³/h
- Manometer head: 39 m.w.h(m)
- Power rate: from 7,5 HP to 60 HP
- Voltage: 230/400V or 400/690V
- Motor: 50Hz/1450 rpm.
- Available also at 60Hz upon request
- Impeller: Cast iron, Bronze on demand
- Motor insulation: Class F

| Model | Dimensions (mm) | | | | | | | Size | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | L | G | H1 | H2 | C | D | DNA | DNI | kg |
| AP 125-315/D | 140 | 1018 | 635 | 280 | 355 | 150 | 400 | 150 | 125 | 278 |
| AP 125-315/C | 140 | 1087 | 635 | 280 | 355 | 150 | 400 | 150 | 125 | 286 |
| AP 125-315/B | 140 | 1138 | 635 | 280 | 355 | 150 | 400 | 150 | 125 | 338 |
| AP 125-315/A | 140 | 1220 | 635 | 280 | 355 | 150 | 400 | 150 | 125 | 388 |
| AP 150-315/D | 160 | 1107 | 680 | 280 | 400 | 150 | 450 | 200 | 150 | 306 |
| AP 150-315/C | 160 | 1158 | 680 | 280 | 400 | 150 | 450 | 200 | 150 | 358 |
| AP 150-315/B | 160 | 1240 | 680 | 280 | 400 | 150 | 450 | 200 | 150 | 408 |
| AP 150-315/A | 160 | 1256 | 680 | 280 | 400 | 150 | 450 | 200 | 150 | 445 |

### A125 Series - Performance Graph




### A150 Series - Performance Graph




### AP125 Series - Technical Data 50Hz (IE3)

| Model | Power | | Flow m³/h | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 234 | 252 | 270 | 294 | 318 | 348 | 372 | 402 | 432 |
| | HP | kW | Manometric Height w.c.m. | | | | | | | | | | | | | | | | | | |
| AP 125-315/D | 25 | 18,5 | 23,5 | 23,5 | 23,5 | 23,5 | 23,5 | 23,3 | 23,0 | 22,4 | 21,7 | 20,7 | 19,8 | 18,7 | 17,6 | 15,9 | 13,7 | 10,8 | - | - | - |
| AP 125-315/C | 30 | 22 | 26,4 | 26,4 | 26,4 | 26,4 | 26,4 | 26,3 | 26,0 | 25,6 | 25,0 | 24,1 | 23,3 | 22,3 | 21,3 | 19,6 | 17,8 | 15,0 | 12,6 | - | - |
| AP 125-315/B | 40 | 30 | 32,0 | 32,0 | 32,0 | 32,0 | 32,0 | 32,0 | 31,8 | 31,4 | 31,0 | 30,2 | 29,6 | 28,8 | 28,0 | 26,5 | 25,0 | 22,4 | 20,3 | 17,4 | - |
| AP 125-315/A | 50 | 37 | 36,5 | 36,5 | 36,5 | 36,5 | 36,5 | 36,5 | 36,4 | 36,1 | 35,7 | 35,1 | 34,6 | 34,0 | 33,2 | 32,0 | 30,5 | 28,4 | 26,5 | 23,7 | 20,7 |

### AP150 Series - Technical Data 50Hz (IE3)

| Model | Power | | Flow m³/h | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0 | 24 | 48 | 72 | 96 | 120 | 144 | 168 | 192 | 216 | 234 | 252 | 270 | 294 | 318 | 348 | 372 | 402 | 432 | 462 | 492 | 522 |
| | HP | kW | Manometric Height w.c.m. | | | | | | | | | | | | | | | | | | | | |
| AP 150-315/D | 30 | 22 | 23,2 | 23,2 | 23,2 | 23,2 | 23,2 | 23,1 | 22,9 | 22,5 | 22,0 | 21,4 | 20,8 | 20,3 | 19,7 | 19,0 | 18,0 | 16,8 | 15,6 | 13,7 | - | - | - | - |
| AP 150-315/C | 40 | 30 | 28,7 | 28,7 | 28,7 | 28,7 | 28,7 | 28,6 | 28,5 | 28,2 | 27,8 | 27,4 | 27,0 | 26,6 | 26,2 | 25,5 | 24,8 | 23,6 | 22,6 | 21,0 | 19,0 | - | - | - |
| AP 150-315/B | 50 | 37 | 32,5 | 32,5 | 32,5 | 32,5 | 32,5 | 32,4 | 32,3 | 32,1 | 32,0 | 31,5 | 31,3 | 31,0 | 30,6 | 30,0 | 29,4 | 28,4 | 27,5 | 26,0 | 24,4 | 22,5 | - | - |
| AP 150-315/A | 60 | 45 | 36,2 | 36,2 | 36,2 | 36,2 | 36,2 | 36,2 | 36,2 | 36,1 | 35,9 | 35,7 | 35,5 | 35,3 | 35,0 | 34,5 | 34,0 | 33,1 | 32,3 | 31,2 | 29,8 | 28,2 | 26,4 | 24,4 |

# Atecpool Prefilter

## CAST IRON SERIES

### Atecpool Prefilters Cast Iron

Cast iron and bronze prefilters for suspended solid filtration. Placed at the pump inlet, it prevent impeller blocking. The cover fixing allows an easy access to the prefilter basket for maintenance.

### Specifications

- Prefilter housing and cover: Cast Iron or Bronze
- Basket: Stainless Steel AISI 304/ AISI 316
- Working pressure: 2 bar
- Working temp: 60°C Max
- Stainless steel Prefilters available on request

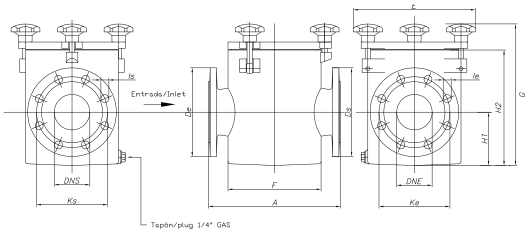




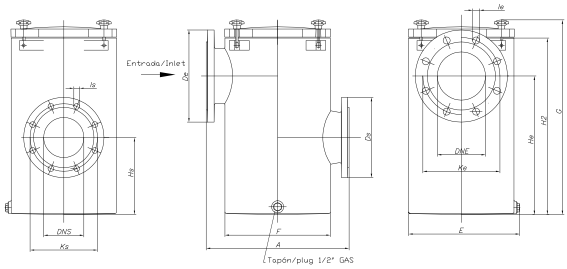




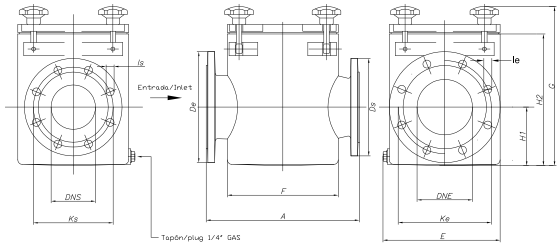
### Dimensions for AF65/65 to AF100/100 model



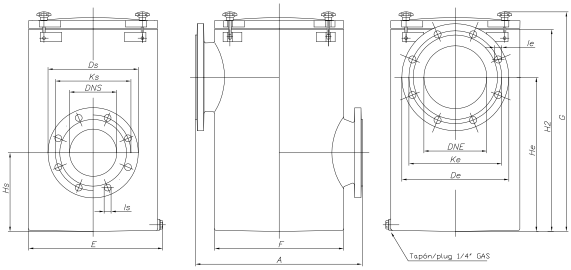

### For AF150/125 to AF150/150 model




### For AF125/100 to AF125/125 model




### For AF200/150 to AF200/200 model




| Model | Dimensions (mm) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | E | F | G | H1 | H2 | DNE | Ke | De | Ie | Bolts | DNE | Ks | Ds | Is | Bolts | Thumbnut | Lts. | GG25 kg | Br kg |
| **AF65-65** | 300 | 275 | 210 | 320 | 120 | 260 | 65 | 145 | 185 | 19 | 4 | 65 | 145 | 185 | 19 | 4 | 3 | 11 | 19,5 | 22 |
| **AF80-2B** | 300 | 275 | 210 | 320 | 120 | 260 | 80 | 160 | 200 | 19 | 8 | 70 | 125 | 152 | 14 | 4 | 3 | 11 | 20,5 | 23 |
| **AF80-80** | 300 | 275 | 210 | 320 | 120 | 260 | 80 | 160 | 200 | 19 | 8 | 80 | 160 | 200 | 19 | 8 | 3 | 11 | 20,5 | 23 |
| **AF100-65** | 300 | 275 | 210 | 320 | 120 | 260 | 100 | 180 | 220 | 19 | 8 | 65 | 145 | 185 | 19 | 8 | 3 | 11 | 20,5 | 23 |
| **AF100-80** | 300 | 275 | 210 | 320 | 120 | 260 | 100 | 180 | 220 | 19 | 8 | 80 | 160 | 200 | 19 | 8 | 3 | 11 | 21 | 23 |
| **AF100-100** | 300 | 275 | 210 | 320 | 120 | 260 | 100 | 180 | 220 | 19 | 8 | 100 | 180 | 220 | 19 | 8 | 3 | 11 | 21,5 | 24 |
| **AF125-100** | 345 | 265 | 250 | 370 | 132 | 295 | 125 | 210 | 250 | 19 | 8 | 100 | 180 | 220 | 19 | 8 | 4 | 13 | 35 | 39 |
| **AF125-125** | 345 | 265 | 250 | 370 | 132 | 295 | 125 | 210 | 250 | 19 | 8 | 125 | 210 | 250 | 19 | 8 | 4 | 13 | 36 | 41 |

| Model | Dimensions (mm) | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | E | F | G | H2 | HE | DNE | Ke | De | Ie | Bolts | HS | DNS | Ks | Ds | Is | Bolts | Lts. | GG25 kg | Br kg |
| **AF150/125** | 445 | 347 | 330 | 610 | 550 | 430 | 150 | 240 | 287 | 23 | 8 | 240 | 125 | 210 | 250 | 19 | 8 | 42 | 76 | 86 |
| **AF150/150** | 445 | 347 | 330 | 610 | 550 | 430 | 150 | 240 | 287 | 23 | 8 | 240 | 150 | 240 | 287 | 23 | 8 | 42 | 77 | 87 |
| **AF200/150** | 528 | 426 | 410 | 698 | 640 | 490 | 200 | 295 | 340 | 23 | 8 | 250 | 150 | 240 | 287 | 23 | 8 | 84 | 96 | 109 |
| **AF200/200** | 528 | 426 | 410 | 698 | 640 | 490 | 200 | 295 | 340 | 23 | 8 | 250 | 200 | 295 | 340 | 23 | 8 | 84 | 98 | 111 |

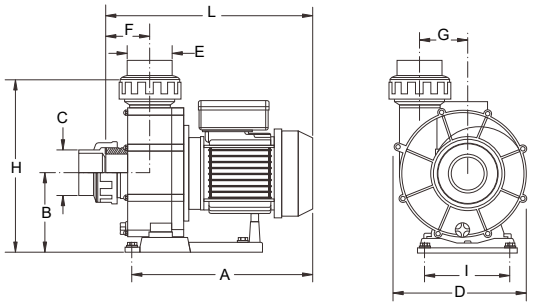
# Atecpool Counter Current

## SUPER-QUIET PUMP

Available in 50/60 Hz

Energy Efficiency IE3

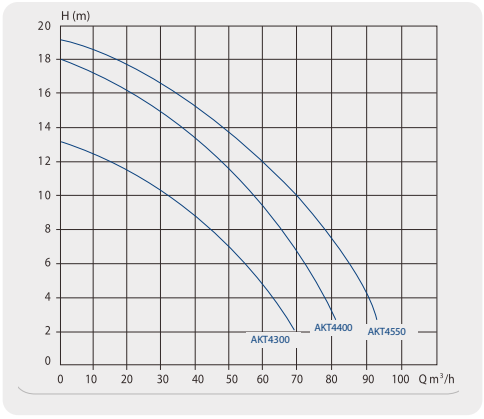





### Atecpool Counter Current

- High-flow centrifugal pump
- Pump body made in polypropylene reinforced with fiberglass, resistant to chemical products in the swimming pool, guaranteed to last a long time
- Impeller in Noryl
- Mechanical seal in graphite and ceramics
- Motor shaft manufactured in stainless steel AISI 316L
- 3HP single-phase motors at 230V/50Hz, or three-phase
- 3HP, 4HP or 5,5HP at 230/400V-50Hz motors, all at 3,000 rpm and IP-55 protection
- Possibility of 60Hz upon request
- Connections of suction and return at 3 ½" for Ø 75 mm bush connections
- Bush connections included with the pump

### Performance graph




note:
3 = AKT4300
4 = AKT4400
5 = AKT4550

### Technical Data 50Hz (IE3)

| Model | Power | | rpm | Manometric Height wcm | | | | | | | | Connections | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | DNA | DNI |
| | HP | kW | | Flow m³/h | | | | | | | | IN | OUT |
| **AKT4300** | 3 | 2,2 | 3,000 | 55 | 44 | 31 | 12 | - | - | - | - | 75 | 75 |
| **AKT4400** | 4 | 2,9 | 3,000 | 73 | 66 | 58 | 49 | 36 | 21 | - | - | 75 | 75 |
| **AKT4550** | 5,5 | 4 | 3,000 | 86 | 79 | 70 | 60 | 49 | 34 | 16 | - | 75 | 75 |

### Dimensions

| Model | Dimensions | | | | | | | | | | Packing Dimensions |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I | L | Weight kg |
| **AKT4300** | 370 | 156 | Ø75 | 260 | Ø75 | 77 | 95 | 319 | 168 | 420 | 20,5 |
| **AKT4400** | 410 | 156 | Ø75 | 260 | Ø75 | 77 | 95 | 319 | 168 | 450 | 23,5 |
| **AKT4550** | 410 | 156 | Ø75 | 260 | Ø75 | 77 | 92 | 319 | 168 | 450 | 25,5 |

Counter Current Control Panel Leak proof housing IP-67. With pneumatic switch for remote control. Pumps protection by motor circuit breaker.

| Code | A | HP | Weight | Volume |
|---|---|---|---|---|
| | | | kg | m³ |
| **AT173C** | 6,0 - 10,0 A | 3,0 / 4,0 / 5,5 HP TRI | 1,1 | 0,004 |

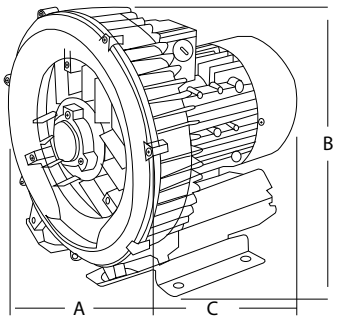


# Atecpool Air Blower

## HEAVY DUTY

Available in 50/60 Hz






### Dimensions

| Code | Dimensions (mm) | | |
|---|---|---|---|
| | A | B | C |
| AH140-850 | 261 | 266 | 225 |
| AH210-131 | 287 | 302 | 280 |
| AH210-161 | 335 | 335 | 320 |
| AH215-181 | 350 | 365 | 375 |
| AH315-301 | 375 | 383 | 405 |
| AH420-321 | 375 | 383 | 405 |
| AH505-380 | 442 | 462 | 420 |

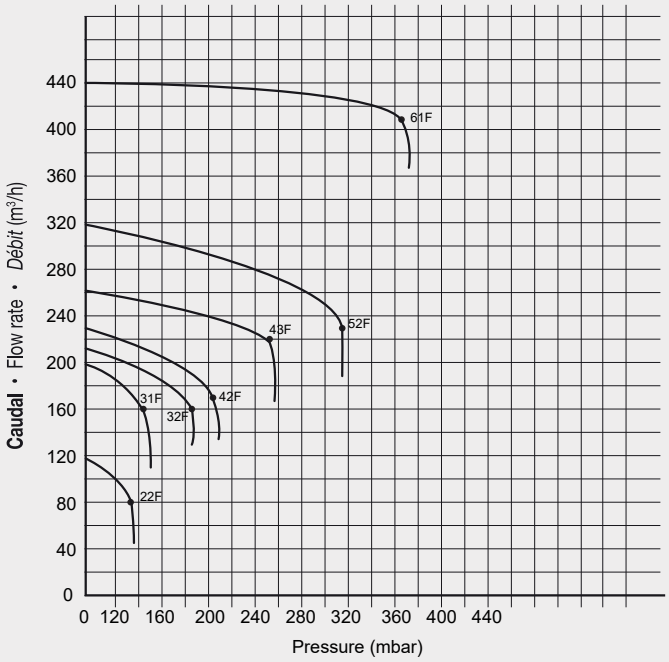
### Atecpool Air Blower

Pumps designed for bubble baths and swimming pools, water treatment, car drying, ventilation / dust removal, etc.

### Specifications

- Constructive characteristics: Blower pump constructed entirely in cast aluminum and suitable for continuous operation
- Single stage side channel pumps, without any maintenance
- Sealed asynchronous motor with external ventilation
- Built in thermal protection. Single phase versions includes capacitor
- IP-55 protection
- Isolation class F
- 60Hz upon request

### Performance graph




### Technical Data 50Hz

| Phase | Code | Curve | Output | Voltage | Max Flow | Max Pressure | Noise | Weight | Connection |
|---|---|---|---|---|---|---|---|---|---|
| | | | kW | V | m³/h | mbar | dB | kg | inch |
| Three Phase | AH140-850 | 22F | 0,5 | Δ 200-240 / Y 345 - 415 | 80 | 130 | 53 | 11 | 1 1/4" |
| | AH210-131 | 31F | 0,75 | | 145 | 160 | 63 | 16 | 1 1/2" |
| | AH210-161 | 32F | 1,1 | | 185 | 160 | 63 | 17 | 1 1/2" |
| | AH215-181 | 42F | 1,3 | | 210 | 170 | 64 | 22 | 2" |
| | AH315-301 | 43F | 1,5 | | 255 | 220 | 64 | 24 | 2" |
| | AH420-321 | 52F | 2,2 | | 318 | 230 | 69 | 28 | 2" |
| | AH505-380 | 61F | 3 | | 376 | 410 | 69 | 29 | 2" |
| | | | | | | | | | |
| Single Phase | AH80-400 | 22MF | 0,5 | 230 | 80 | 130 | 53 | 11 | 1 1/4" |
| | AH140-131 | 31MF | 0,75 | | 145 | 160 | 63 | 16 | 1 1/2" |
| | AH210-151 | 32MF | 1,1 | | 185 | 160 | 63 | 17 | 1 1/2" |
| | AH215-171 | 42MF | 1,3 | | 210 | 170 | 64 | 22 | 2" |
| | AH315-221 | 43MF | 1,5 | | 255 | 220 | 64 | 24 | 2" |

# Atecpool Hydro Massage Pump

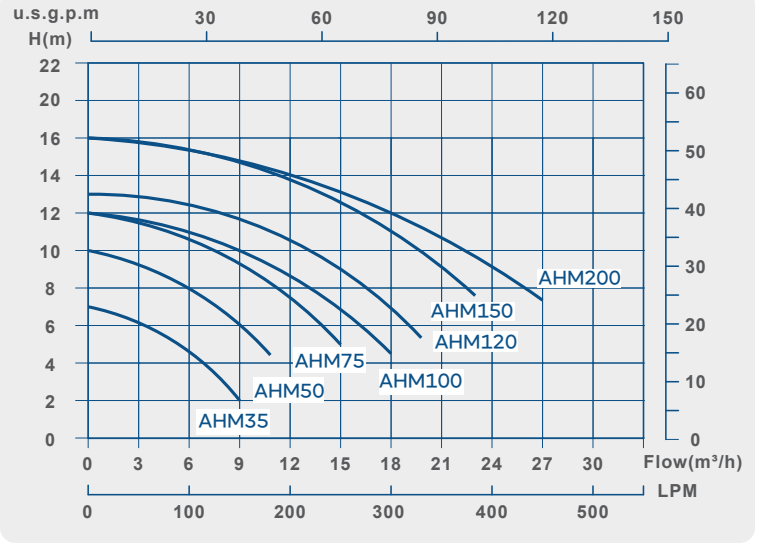
## WHIRLPOOL PUMP



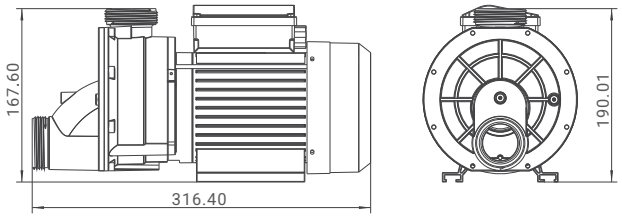

### Atecpool HydroMassage Pump

- Motor insulation: Class B
- IPX5 waterproof standard
- Built-in thermal protection
- Pump body made in polypropylene reinforced with fiber glass
- 316 stainless steel mechanical seal
- High-temperature designs suitable for up to 50°C
- Power supply : 220-240V, 50 Hz

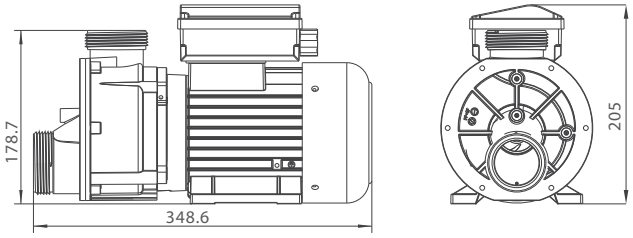
### Performance graph



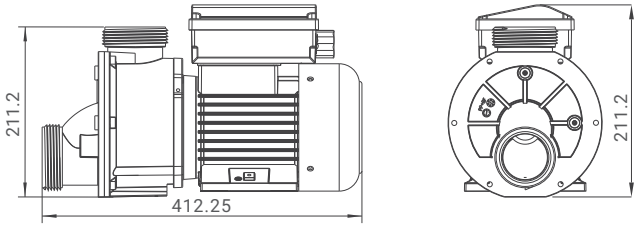

### AHM35-50 - Technical Drawing



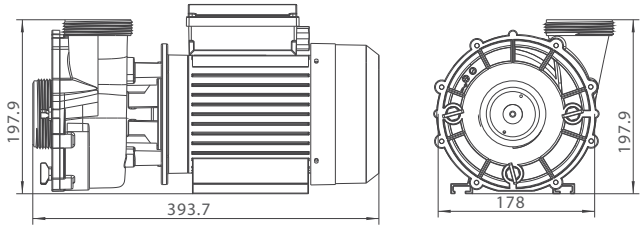

### AHM75-150 - Technical Drawing




### AHM200 - Technical Drawing




### AHM300 - Technical Drawing




### Technical Data 50Hz

| Code | Power | | Max. Flow | H max | Current | Connection Size | Weight |
|---|---|---|---|---|---|---|---|
| | kW | HP | LPM | m | A | mm/inch | kg |
| **AHM35** | 0,25 | 0,35 | 150 | 7,5 | 1,6 | 50 or 1¹/₂" | 5,1 |
| **AHM50** | 0,37 | 0,5 | 180 | 10 | 2,0 | | 5,9 |
| **AHM75** | 0,55 | 0,75 | 250 | 12 | 3,2 | | 7,9 |
| **AHM100** | 0,75 | 1,0 | 300 | 12 | 3,8 | | 8,6 |
| **AHM120** | 0,9 | 1,2 | 335 | 13 | 4,6 | | 9,1 |
| **AHM150** | 1,1 | 1,5 | 380 | 16 | 5,8 | | 11,5 |
| **AHM200** | 1,5 | 2,0 | 450 | 16 | 7,0 | | 13 |
| **AHM300** | 2,2 | 3,0 | 1000 | 17 | 10 | 63 or 2" | 18 |

# Atecpool Submersible Pumps

## VESPA SERIES

### Atecpool Vespa Series Submersible Pump

Plastic Body Pump suitable for draining clean water without abrasive particles.



### Specifications

- 2,850 rpm
- Built-in thermal protector for single phase motor
- Motor insulation: Class B/F, Protection type IP X8
- Pump body and pre-filter made in polypropylene reinforced with fiberglass
- External Float Switch for automatic pump operation
- Mechanical seal sets ceramic, graphite and rubber
- Oil seal sets
- Max liquid temperature 40°C

| Code | Power | | Voltage / Hz | Max Submersion Depth | Max Flow | Max Grain Size | Max Temp of Liquid |
|---|---|---|---|---|---|---|---|
| | HP | kW | | m | l/h | mm | °C |
| **AVP750** | 1 | 0,75 | 230 V / 50Hz | 4 | 13,000 | 35 | 40 |

### Atecpool Vespa Series SS Submersible Pump

Stainless Steel Body Pump suitable for draining clean water without abrasive particles.



### Specifications

- 2,850 rpm
- Built-in thermal protector for single phase motor
- Motor insulation: Class B/F, Protection type IP X8
- Pump body made in stainless steel
- External float switch for automatic pump operation
- Mechanical seal sets ceramic, graphite and rubber
- Oil seal sets
- Max liquid temperature 40°C

| Code | Power | | Voltage / Hz | Max Submersion Depth | Max Flow | Max Grain Size | Max Temp of Liquid |
|---|---|---|---|---|---|---|---|
| | HP | kW | | m | l/h | mm | °C |
| **AVS750** | 1 | 0,75 | 230 V / 50Hz | 4 | 13,000 | 35 | 40 |

# Atecpool Pool Controls

## SMARTSAVER FREQUENCY INVERTER

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TÜV Rheinland CERTIFIED

### Convert any pump to a variable speed

**SmartSaver for smart savings**

Frequency inverter is a device that converts alternating current of one frequency to another frequency, the result of this conversion leads to a motor speed change in pool pump application. You can choose between 35 different speeds between 1200 ~ 2900 rpm with an increment of 50 rpm to meet different applications that do not need the full speed and power from the pump, like heating, filtration, etc.

**SmartSaver added benefits**

Timer program 4: timers for 24-hour operation, each with an individual speed for different pool features, filtration or heating, utilize off-peak electricity tariffs to reduce costs

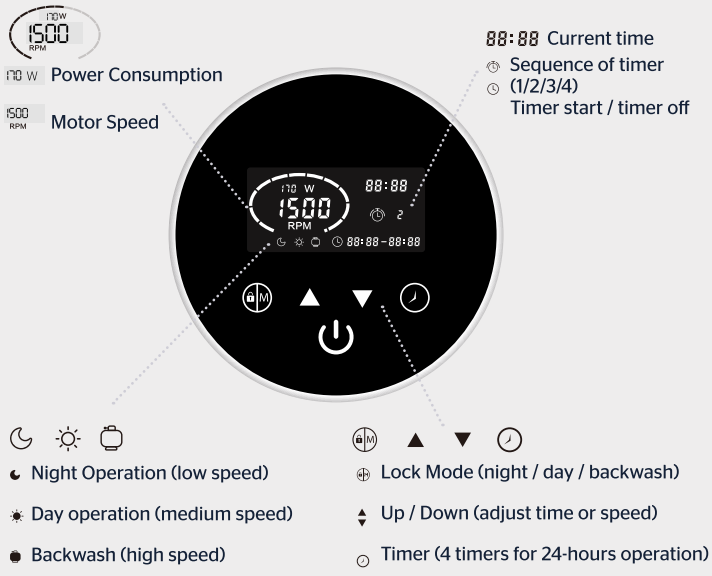



Save more than **80%** in energy Cast

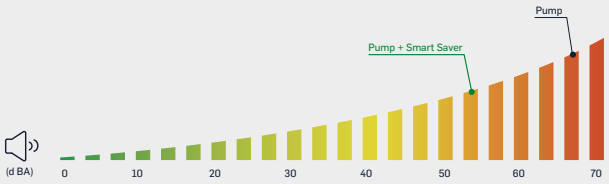
## Technical Data

| Model | Operating Condition | Input Power | Input Voltage | Frequency | Output Voltage | Output Power | Output Current | Enclosure Rating | Pump Type | Speed Range |
|---|---|---|---|---|---|---|---|---|---|---|
| | C° | AC | V | Hz | V | W | A | | | RPM |
| **SS100** | -10 ~ 40°C | 1ph AC | 220V~240V | 50 Hz | 1ph, 0~240V | Max 1,1kW | Max 6A | IP65 | 1 phase | 1200~2900 |
| **SS200** | -10 ~ 40°C | 1ph AC | 220V~240V | 50 Hz | 1ph, 0~240V | Max 2,2kW | Max 12A | IP65 | 1 phase | 1200~2900 |
| **SS103** | -10 ~ 40°C | 1ph AC | 220V~240V | 50 Hz | 3ph, 0~240V | Max 1,1kW | Max 4,5A | IP65 | 3 phase | 1200~2900 |
| **SS203** | -10 ~ 40°C | 1ph AC | 220V~240V | 50 Hz | 3ph, 0~240V | Max 2,2kW | Max 8A | IP65 | 3 phase | 1200~2900 |

## Touch screen panel




## Noise Level Comparison




1. 80% Energy Savings
2. 80% sound level reduction
3. Improved filtration
4. 4 Timers for 24-hours operation
5. Longer Lifespan

# Atecpool A-Connect

ALL-IN-ONE CONTROLLER

# A-Connect

**Where Advanced IoT Meets Smart Automation**
**Your Ultimate IoT Master Controller for Water Management**

A-Connect seamlessly unifies water operation controls — from pumps and valves to dosing and filtration — into a single smart controller with mobile app integration




### One Solution: One Unified Water Automation Platform

- Advanced IoT-powered controller for water management
- Real-time monitoring & automation through A-Connect mobile app
- AI-powered predictive analytics for maintenance and energy efficiency

# A-Connect Mobile App

**Control and Monitor from Anywhere**




- Remote control of pumps, dosing, and valves
- Instant parameter updates & alerts
- Predictive maintenance notifications
- Energy optimisation analytics
- Multi-user access & data logging




### A-Connect functions and Benefits

| Function | Description | Benefits |
|---|---|---|
| Smart Automation | Control pumps, valves, dosing and lighting | Simplifies complex workflows |
| Real-Time Insights | Mobile and cloud-based data visualisation | Informed decision making |
| Predictive Alerts | Maintenance and chemical optimisation | Prevents downtime |
| Energy Optimisation | Intelligent scheduling and power management | Cuts operation costs |

### Key Features




### Industries We Serve



RO Plants | Water Treatment Plants | Agriculture Irrigation Systems | Swimming Pools

### The A-Connect Advantage

- A-Connect Digital Twin Platform Integration
- Advanced Automation with 3 Dosing Pumps
- Real-time remote monitoring & control
- Customizable interface for user-specific workflows
- AI-driven automation of complex tasks
- Precision dosing for chemical balance
- Automated safety adjustments

A-CONNECT

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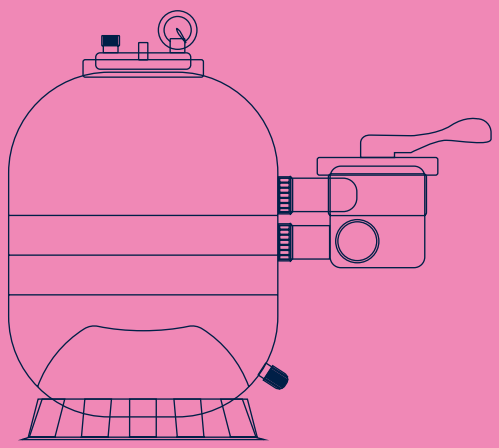

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# Filtration



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atecpool.com




# Atecpool Pool Filtration

**ATECPOOL** Filters are developed for an efficient and high performance mechanical filtration to ensure crystal clear and sparkling water quality.

**ATECPOOL Regstar Stainless Steel Regenerative media filter** is a unique filtration technique saving up to 96% water, 30% chemicals, 30% energy and 80% space compared to traditional sand and glass filters.

Regenerative precoat filter enhances water quality, ensuring year-round clarity and improves water safety by eliminating chlorine resistant pathogens recommended by global aquatic standards such as WHO, CDC, and NSW.
Regstar significantly reduces operating cost and is the latest filtration method in the aquatic industry.

Regenerative Filter

The next generation of filtering systems

# Atecpool Regenerative Filters

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BWT GROUP

# Atecpool RegStar

## REGENERATIVE MEDIA FILTER

12 m³/h TO 739 m³/h




### Atecpool Regstar

Discover ACPM (Atecpool CrystalClear Perlite Media) Regenerative filter made of stainless steel with advanced filtration system using thin perlite layers for microscopic cleaning. It is known for superior water purification, ACPM Regstar outperforms sand filters, especially in places like olympic pools and waterparks.

ACPM Regstar Filter offers benefits such as minimal water usage, low power needs, a sleek design, and ultra fine filtration for removing microorganisms.

Tailored to various aquatic facilities such as water park, hotel and resort, aquarium, condominium, swim school, hydrotherapy, aquatic center, splash pads, etc..

ecofriendly

1 micronfiltration

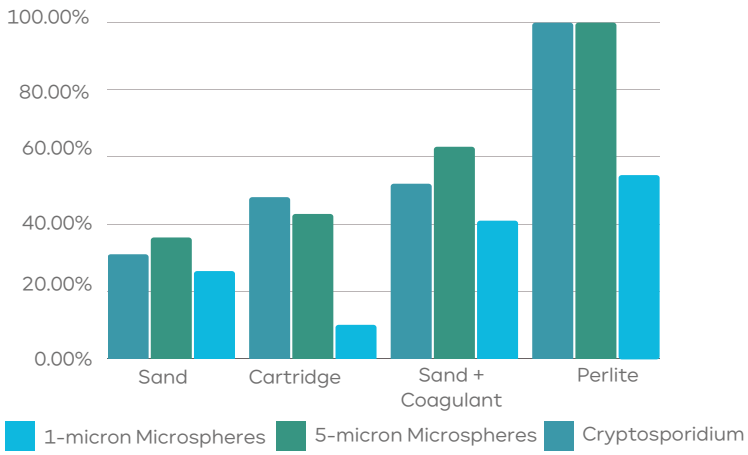
Saving up to **96%** water

### Specifications

- Construction in stainless steel AISI 304 with internal and external epoxy coating, built to last over 50 years with its robust internal tube elements in stainless steel 316.
- Upgraded filter body construction with stainless steel AISI 316 or AISI 316L is available for sea water pools or tough aquatic environment.
- Design pressure 6~12 bar. Working pressure 2~10 bar.
- Filter tank designed in accordance with ASME standards.
- Down to 1 micron Filtration.
- Saves up to 30% chemicals, 80% space, 96% water, 30% energy and effortless automated operation.
- Bumping mechanism, pneumatic hammering for agitating filter elements.
- Fitted with upper manways and large side manways for preventive maintenance.
- Control and Automation - PLC controller with interactive guidance system. Offers remote monitoring.
- Large internal sight glass - 150mm sight glass allows for easy monitoring.
- Minimal head loss at less than 1.4m.

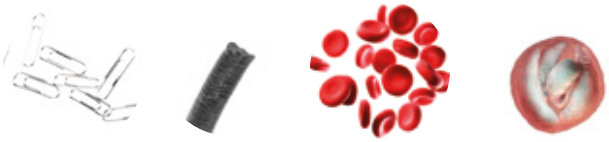


### Percentage particle removal for each filter media




Source: Removal of Cryptosporidium and polystyrene microspheres from swimming pool water with sand, cartridge, and precoat filters.

### How small is 1 micron?



Paper Clip 1000 µm | Hair 60 µm | Blood Cell 5 µm | Cryptosporidium 3 µm

### World Health Organization 2006

With chlorine-tolerant human pathogens like cryptosporidium becoming increasingly common in aquatic venues, effective filtration is a crucial process in controlling waterborne disease transmission and protecting public health.

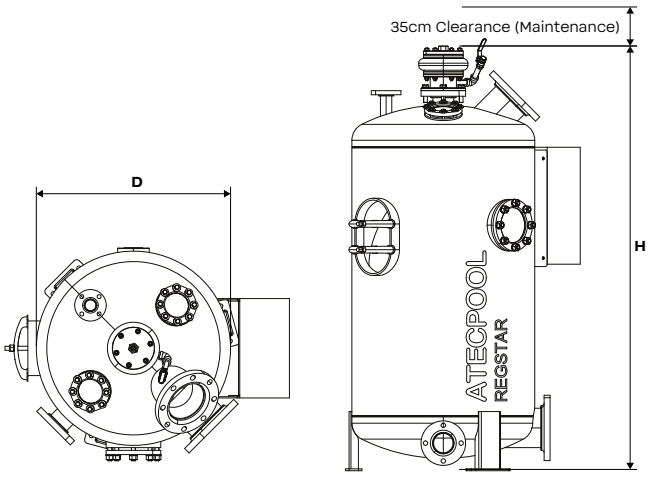
# Atecpool RegStar

## REGENERATIVE MEDIA FILTER

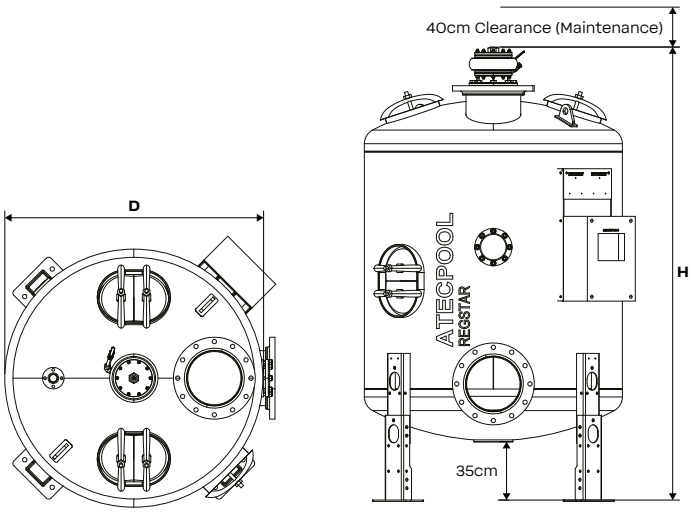
12 m³/h TO 739 m³/h



### Regstar - Compact Series




### Regstar - Standard Series




## Atecpool Regstar Filter Technical Data

| Code | Filter Area | Min. Flow @ 1.22 m³/h/m² | Rec. Max. Flow @ 3.67 m³/h/m² | Max. Flow (Residential) @4.89 m³/h/m² | Perlite Weight | In/ Outlet | Drain | Height H | Tank Dia D | Tank Volume | Deliver Weight | Operating Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m² | m³/h | m³/h | m³/h | kg | in | in | mm | mm | m³ | kg | kg |
| ACPM60-08-304/316 | 9,7 | 12 | 35 | 47 | 3,8 | 3 | 3 | 1820 | 590 | 0,38 | 270 | 643 |
| ACPM60-11-304/316 | 12,2 | 15 | 44 | 59 | 4,8 | 3 | 3 | 1820 | 590 | 0,38 | 276 | 649 |
| ACPM60-14-304/316 | 15,4 | 19 | 56 | 75 | 6,0 | 3 | 3 | 1820 | 590 | 0,38 | 282 | 655 |
| ACPM60-17-304/316 | 16,8 | 21 | 61 | 82 | 6,6 | 4 | 3 | 1820 | 590 | 0,38 | 288 | 661 |
| ACPM80-19-304/316 | 19,3 | 24 | 71 | 94 | 7,5 | 4 | 3 | 1820 | 780 | 0,64 | 324 | 1030 |
| ACPM80-22-304/316 | 21,9 | 27 | 80 | 106 | 8,5 | 4 | 3 | 1820 | 780 | 0,64 | 330 | 1036 |
| ACPM80-28-304/316 | 28,3 | 35 | 103 | 138 | 11,0 | 6 | 3 | 1820 | 780 | 0,64 | 336 | 1042 |
| ACPM80-33-304/316 | 32,6 | 40 | 120 | 159 | 12,7 | 6 | 3 | 1820 | 780 | 0,64 | 342 | 1048 |
| ACPM90-42-304/316 | 42,3 | 52 | 155 | 206 | 16,5 | 6 | 3 | 1820 | 890 | 0,84 | 424 | 1347 |
| ACPM112-56-304/316 | 55,7 | 68 | 204 | 272 | 21,7 | 8 | 4 | 2510 | 1150 | 1,65 | 980 | 2654 |
| ACPM112-72-304/316 | 72,0 | 88 | 264 | 352 | 28,1 | 8 | 4 | 2510 | 1150 | 1,65 | 1010 | 2684 |
| ACPM130-83-304/316 | 83,5 | 102 | 306 | 408 | 32,6 | 8 | 4 | 2580 | 1300 | 2,23 | 1438 | 3894 |
| ACPM130-97-304/316 | 97,5 | 119 | 357 | 476 | 38,0 | 10 | 4 | 2580 | 1300 | 2,23 | 1462 | 3924 |
| ACPM145-111-304/316 | 111,4 | 136 | 408 | 544 | 43,5 | 10 | 4 | 2590 | 1450 | 2,62 | 1529 | 4409 |
| ACPM145-126-304/316 | 126,1 | 154 | 462 | 616 | 49,2 | 10 | 4 | 2590 | 1450 | 2,62 | 1559 | 4439 |
| ACPM153-139-304/316 | 139,4 | 170 | 511 | 681 | 54,4 | 10 | 4 | 2600 | 1530 | 3,06 | 1825 | 5195 |
| ACPM153-151-304/316 | 151,2 | 185 | 554 | 739 | 59,0 | 12 | 4 | 2600 | 1530 | 3,06 | 1850 | 5220 |

**Code:** ACPMXXX-XXX-304 Regstar Stainless Steel AISI 304 Filter
ACPMXXX-XXX-316 Regstar Stainless Steel AISI 316 Filter

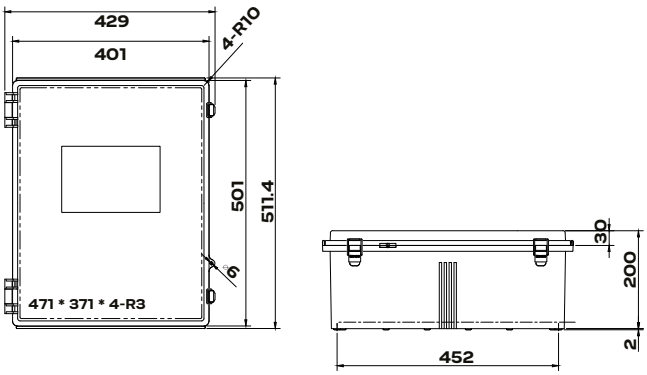
# Atecpool Control Panel
## FOR REGSTAR REGENERATIVE FILTER

12 m³/h TO 739 m³/h

### Atecpool Regstar Control Panel




**Regstar Control Panel - Dimensions**

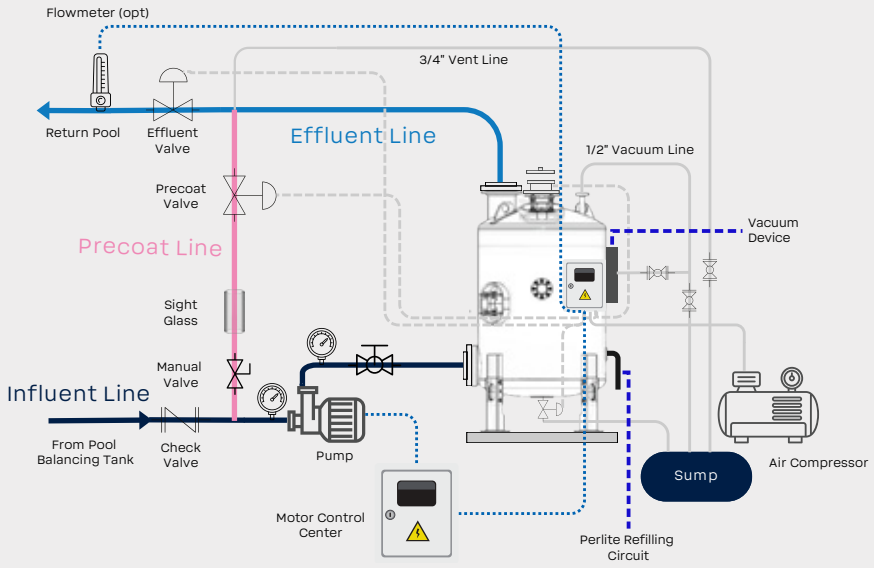





### Regstar Filter Control Panel Features

- 7" 16-bit TFT touch screen
- 800 × 480 resolution for crisp visuals
- Powered by Cortex-A8 800 MHz CPU
- 256MB RAM / 256MB ROM memory
- IP65-rated front panel in durable ABS enclosure
- Built-in Ethernet port (1x)
- Supports Modbus/TCP, FTP, VNC, email, and web monitoring
- 220-240V AC (50/60Hz) enclosure power supply
- 24VDC output for SMC solenoid valves
- Manual control of all actuators (including pumps)
- Configurable Precoat Pump function
- Adjustable speed control for filter and precoat pumps
- Digital pressure display with real-time differential pressure monitoring
- Automatic error detection and alerts
- Interactive on-screen maintenance guidance
- Data logging for system performance tracking
- Remote monitoring and operation via VNC or web browser
- Email client for event notifications and alerts
- View/control access via LAN or internet (browser-based interface)

### Atecpool Regstar System Schematic




**Regstar System Components:**

- Regenerative Precoat Filter*
- Filter Control Panel and Solenoid Valves*
- Vacuum Transfer System*
- Air-Compressor*
- Quick Exhaust Valve*
- Filter Pump
- Strainer
- Pump VFD/ Soft Starter
- Filter Bottom Tee
- Concentric Reducer
- Reducing Tee (Precoat Line)
- Dual Pressure Gauge*
- Perlite Media
- Sightglass(Precoat Line)*
- Air Pressure Sensors*
- Effluent and Precoat Valve* (Pneumatic Double Acting)

Note: *marked items are included with the supply of regstar filters.

# Atecpool Pneumatic Valves and Accessories

## FOR REGSTAR REGENERATIVE FILTER

### Atecpool Cast Iron Twin Door Wafer Check Valve



| Model | Description | Size |
|---|---|---|
| | | inch |
| WTCV-040-CI | Cast Iron Twin Door Wafer Check Valve 4" | 4" |
| WTCV-060-CI | Cast Iron Twin Door Wafer Check Valve 6" | 6" |
| WTCV-080-CI | Cast Iron Twin Door Wafer Check Valve 8" | 8" |
| WTCV-100-CI | Cast Iron Twin Door Wafer Check Valve 10" | 10" |
| WTCV-120-CI | Cast Iron Twin Door Wafer Check Valve 12" | 12" |
| WTCV-140-CI | Cast Iron Twin Door Wafer Check Valve 14" | 14" |

### Atecpool Pneumatic Valve (PTFE Seat)



| Model | Description | Size |
|---|---|---|
| | | (inch) |
| PBFV-030-T-DA | Pneumatic Valve (PTFE Seat) 3" | 3" |
| PBFV-040-T-DA | Pneumatic Valve (PTFE Seat) 4" | 4" |
| PBFV-060-T-DA | Pneumatic Valve (PTFE Seat) 6" | 6" |
| PBFV-080-T-DA | Pneumatic Valve (PTFE Seat) 8" | 8" |
| PBFV-100-T-DA | Pneumatic Valve (PTFE Seat) 10" | 10" |
| PBFV-120-T-DA | Pneumatic Valve (PTFE Seat) 12" | 12" |

### Atecpool Pneumatic Valve (EPDM Seat)



| Model | Description | Size |
|---|---|---|
| | | (inch) |
| PBFV-030-E-DA | Pneumatic Valve (EPDM Seat) 3" | 3" |
| PBFV-040-E-DA | Pneumatic Valve (EPDM Seat) 4" | 4" |
| PBFV-060-E-DA | Pneumatic Valve (EPDM Seat) 6" | 6" |
| PBFV-080-E-DA | Pneumatic Valve (EPDM Seat) 8" | 8" |
| PBFV-100-E-DA | Pneumatic Valve (EPDM Seat) 10" | 10" |
| PBFV-120-E-DA | Pneumatic Valve (EPDM Seat) 12" | 12" |

### Atecpool Air Blower



| Model | Description | Total units |
|---|---|---|
| | | (per box) |
| AH210-131 | Air Blower 0,75 kW/145m³/hr 230V 160mbar | 1 |

### Air compressor



| Model | Description | Total units |
|---|---|---|
| | | (per box) |
| BAC100 | Air compressor 8 bar / 15 ltrs | 1 |

### Vacuum Machine



| Model | Description | Total units |
|---|---|---|
| | | (per box) |
| BAY30 | Vacuum Machine with longer tubes 1,2 kW | 1 |

# Atecpool Reg-X Filter

## REGENERATIVE MEDIA FILTER

36 $m^3/h$ TO 514 $m^3/h$




### Atecpool Reg-X Filter

The Reg-X Regenerative Media Filter utilizes patented technology to deliver exceptional filtration performance, effectively removing particles as small as 1 micron—significantly finer than the 30–40 micron range typical of conventional sand or glass filters. This innovative filtration method offers substantial advantages, including reduced water, chemical, and energy usage, as well as a more compact system footprint compared to traditional filtration systems.

The Reg-X filters achieve up to 96% water savings during backwash. Additionally, the automated self-cleaning mechanism eliminates the need for manual cleaning and maintenance.

ecofriendly

Saving **96%** water

Automatic Self-Cleaning

1 micronfiltration

### Specifications

- Working pressure: 2,5 Bar
- Testing pressure: 4,0 Bar
- Built in Fiberglass Reinforced Polyester (FRP).
- No bumping or hammering
- Hoses made with AISI316 stainless steel core covered with high tenacity polymer fiber, EPDM gaskets
- Patented automatic self-cleaning and rinse system
- Patented automatic active perlite regeneration system without vibrations or impacts
- Automatic perlite coating system
- Control panel with SIEMENS S7 PLC, display and control screen (HMI SIEMENS 7"), instrumentation and sensors
- Supply of high performance blower pump for regeneration system, and a vacuum machine for perlite loading
- Polyethylene strainer for self-cleaning system

### Technical Detail

| Code | Diameter | Height | Filtration Area | Filtration Velocity | Flow Rate | Perlite Weight | In/Out | Drain/ Recirculation /Rinse | Weight | Operating Weight | Water Volume | Footprint |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | mm | $m^2$ | $m^3/h/m^2$ | $m^3/h$ | kg | mm | | kg | kg | ltrs | $m^2$ |
| **RF-PRFV-620** | 620 | 1850 | 14,2 | 2,5 | 36 | 4 | D125 | 2" | 110 | 570 | 450 | 0,3 |
| | | | | 4,5 | 64 | | | | | | | |
| **RF-PRFV-750** | 750 | 1900 | 21,8 | 2,5 | 54 | 6 | D140 | D75 | 160 | 850 | 675 | 0,44 |
| | | | | 4,5 | 98 | | | | | | | |
| **RF-PRFV-900** | 900 | 1950 | 31,6 | 2,5 | 79 | 9 | D160 | D90 | 210 | 1230 | 1000 | 0,64 |
| | | | | 4,5 | 142 | | | | | | | |
| **RF-PRFV-1050** | 1050 | 2050 | 50,1 | 2,5 | 125 | 15 | D200 | D110 | 275 | 1675 | 1375 | 0,87 |
| | | | | 4,5 | 225 | | | | | | | |
| **RF-PRFV-1200** | 1200 | 2100 | 64,8 | 2,5 | 162 | 18 | D250 | D125 | 320 | 2205 | 1850 | 1,13 |
| | | | | 4,5 | 292 | | | | | | | |
| **RF-PRFV-1400** | 1400 | 2200 | 90,7 | 2,5 | 227 | 27 | D315 | D160 | 450 | 3120 | 2625 | 1,54 |
| | | | | 4,5 | 408 | | | | | | | |
| **RF-PRFV-1600** | 1600 | 2200 | 114,3 | 2,5 | 286 | 32 | D315 | D160 | 600 | 4085 | 3425 | 2,01 |
| | | | | 4,5 | 514 | | | | | | | |

Next generation of filtration

The healthy core of a swimming pool

# Atecpool Filtration

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ATECPOOL
BWT GROUP

# Atecpool Bobinados Plus

## BOBBIN WOUND FILTERS

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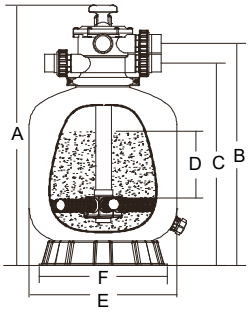
Recommended to be used with Activated Filtration Media

### Atecpool Bobinados Plus Top Mounted Filter

- Bobbin-wound fiberglass reinforced tank with UV-resistant surface finish
- Supplied with pressure gauge, manual air vent, water purge and multiport valve
- ABS Laterals
- Testing Pressure: 4 kg/cm²
- Max temperature of 50°C
- Filters with 4Kg/cm² working pressure can be made on request
- Universal standard of union connection provided
- Maximum filtration velocity: 50 m³/hr/m²
- Equipped with top multiport valve with 6-way functions
- Automatic air release valve available upon request

### Atecpool Bobinados Plus Clamp Style MPV

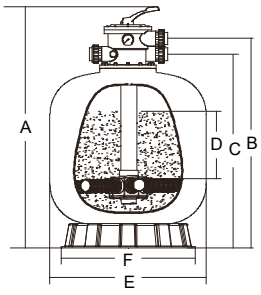





| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | m³/h | inches | kg |
| **31350** | 350 | 4,5 | 1,5" | 20 |
| **31400** | 400 | 6,5 | 1,5" | 35 |
| **31450** | 450 | 8 | 1,5" | 45 |
| **31500** | 500 | 11 | 1,5" | 85 |
| **31650** | 650 | 16 | 1,5" | 145 |
| **31700** | 700 | 20 | 1,5" | 210 |

### Atecpool Bobinados Plus Screw Type MPV






| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | m³/h | inches | kg |
| **31800** | 800 | 25 | 2,0" | 355 |
| **31900** | 900 | 31 | 2,0" | 470 |
| **32100** | 1000 | 39,50 | 2,5" | 620 |
| **32200** | 1200 | 56,50 | 2,5" | 860 |

| Code | Filtration Area | Dimensions | | | | | |
|---|---|---|---|---|---|---|---|
| | m² | A | B | C | D | E | F |
| **31350** | 0,09 | 726 | 619 | 550 | 160 | 355 | 298 |
| **31400** | 0,13 | 757 | 640 | 590 | 175 | 410 | 390 |
| **31450** | 0,16 | 814 | 698 | 638 | 210 | 455 | 390 |
| **31500** | 0,22 | 845 | 730 | 670 | 235 | 535 | 500 |
| **31650** | 0,32 | 950 | 835 | 775 | 300 | 635 | 500 |
| **31700** | 0,40 | 1020 | 905 | 845 | 330 | 710 | 500 |
| **31800** | 0,50 | 1200 | 1085 | 1002 | 425 | 800 | 780 |
| **31900** | 0,64 | 1300 | 1172 | 1090 | 480 | 900 | 780 |
| **32100** | 0,79 | 1434 | 1410 | 1160 | 580 | 1000 | 780 |
| **32200** | 1,13 | 1634 | 1620 | 1368 | 740 | 1200 | 1000 |

Maximum filtration velocity: 50 m³/h/m² - Maximum working pressure: 2,5 kg/cm² - Testing Pressure: 4 kg/cm².
These codes include the filter valve.

# Atecpool Bobinados Plus

## BOBBIN WOUND FILTERS

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Recommended to be used with Activated Filtration Media

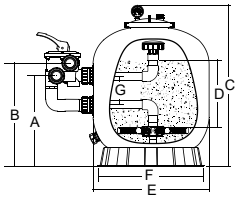


### Atecpool Bobinados Plus Side Mounted Filter

- Bobbin-wound fiberglass reinforced tank with UV-resistant surface finish
- Transparent lid is designed for easy inspection of sand bed
- Supplied with pressure gauge, manual air vent, water purge and multiport valve
- Maximum working pressure: 2,5 kg/cm²
- Testing Pressure: 4 kg/cm²
- Max temperature of 50°C
- Universal standard of union connection provided
- Suggested size of media : 0.5-0.8 mm
- Equipped with side multiport valve with 6-way functions
- Maximum Filtration Velocity : 50 m³/hr/m².
- ABS laterals
- Filters with 4Kg/cm² working pressure can be made on request
- Automatic air release valve available upon request

### Atecpool Bobinados Plus Transparent Lid Model

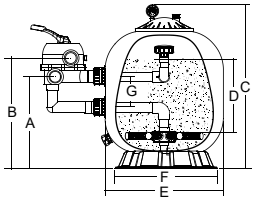





| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | m³/h | inches | kg |
| 60450 | 450 | 8 | 1½" | 45 |
| 60500 | 500 | 11 | 1½" | 85 |
| 60650 | 650 | 16 | 1½" | 145 |
| 60700 | 700 | 20 | 1½" | 210 |

### Atecpool Bobinados Plus Injected Lid with Bolts

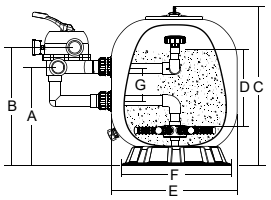





| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | m³/h | inches | kg |
| 60702 | 700 | 20 | 2" | 215 |
| 60800 | 800 | 26,5 | 2" | 355 |
| 60900 | 900 | 33 | 2" | 470 |

### Atecpool Bobinados Plus Quick Closing Lid






| Code | Diameter | Max Flow | Valve Connections | Sand | Gravel |
|---|---|---|---|---|---|
| | Ø mm | m³/h | inches | kg | kg |
| 60902 | 900 | 33 | 2½" | 320 | 150 |
| 61000 | 1000 | 41 | 2" | 575 | 200 |
| 61002 | 1000 | 41 | 2½" | 575 | 200 |
| 61200 | 1200 | 58,5 | 2" | 800 | 300 |
| 61202 | 1200 | 58,5 | 2½" | 800 | 300 |

| Code | Filtration Area | Dimensions | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | m² | A | B | C | D | E | F | G |
| 60450 | 0,16 | 360 | 420 | 730 | 210 | 455 | 390 | 125 |
| 60500 | 0,22 | 390 | 450 | 770 | 235 | 535 | 500 | 125 |
| 60650 | 0,32 | 430 | 490 | 850 | 300 | 635 | 500 | 125 |
| 60700 | 0,40 | 450 | 510 | 960 | 330 | 710 | 500 | 125 |
| 60702 | 0,41 | 520 | 606 | 890 | 390 | 723 | 500 | 220 |
| 60800 | 0,53 | 560 | 646 | 1050 | 425 | 820 | 780 | 220 |
| 60900 | 0,66 | 610 | 696 | 1180 | 480 | 920 | 780 | 220 |
| 60902 | 0,66 | 673 | 744 | 1180 | 380 | 920 | 780 | 236 |
| 61000 | 0,82 | 700 | 770 | 1220 | 580 | 1020 | 780 | 220 |
| 61002 | 0,82 | 773 | 844 | 1220 | 480 | 1020 | 780 | 236 |
| 61200 | 1,17 | 820 | 1005 | 1410 | 740 | 1220 | 1000 | 220 |
| 61202 | 1,17 | 836 | 1079 | 1410 | 640 | 1220 | 1000 | 236 |

Maximum filtration velocity: 50 m³/h/m² - Maximum working pressure: 2,5 kg/cm² - Testing Pressure: 4 kg/cm².

# Atecpool Blow Moulded
## ELECTA FILTER

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Recommended to be used with Activated Filtration Media

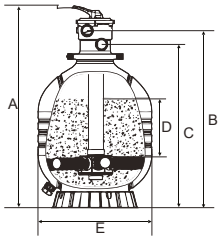
### Electa Filter Specifications

Atecpool 's innovative design and advanced technology offers superior filtration performance and crystal clear water. Electa Filter is blown as a one-piece with high density polyethylene for its heavy duty performance and reliability.

- Unique one-piece clamp with screw-type lock designed to simplify installation and allow tool-free servicing
- Maximum working pressure 2,5 bar
- Max temperature of 50°C (122°F)
- Universal Standard of union connection provided
- ABS lateral provided
- Suggested size of media: 0.5 - 0.8 mm
- Equipped with multiport valve with 6-way functions
- Easy-to-read pressure gauge for easy inspection
- Max filtration velocity : 50 $m^3/hr/m^2$
- Automatic air release valve available upon request

### Electa Top Mounted Sand Filters

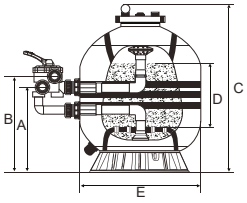





| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | $m^3/h$ | inches | kg |
| **55450** | 450 | 7 | 1½" | 40 |
| **55510** | 510 | 10 | 1½" | 70 |
| **55610** | 610 | 14 | 1½" | 125 |
| **55700** | 700 | 18 | 1½" | 185 |
| **55800** | 800 | 23,5 | 2" | 320 |
| **55900** | 900 | 30,5 | 2" | 430 |

### Electa Side Mounted Sand Filters






| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | $m^3/h$ | inches | kg |
| **51450** | 450 | 7 | 1½" | 40 |
| **51510** | 510 | 10 | 1½" | 70 |
| **51610** | 610 | 14 | 1½" | 125 |
| **51700** | 700 | 18 | 1½" | 185 |
| **51800** | 800 | 23,5 | 2" | 320 |
| **51900** | 900 | 30,5 | 2" | 430 |

| Code | Diameter | Valve Connection | Filtration Area | Dimensions | | | | |
|---|---|---|---|---|---|---|---|---|
| | Ø mm | inches | $m^2$ | A | B | C | D | E |
| Top Mounted Filter | | | | | | | | |
| **55450** | 450 | 1½" | 0,14 | 816 | 695 | 625 | 195 | 450 |
| **55510** | 510 | 1½" | 0,20 | 889 | 772 | 712 | 225 | 510 |
| **55610** | 610 | 1½" | 0,28 | 980 | 860 | 800 | 280 | 610 |
| **55800** | 800 | 2" | 0,47 | 1178 | 1021 | 955 | 370 | 800 |
| **55900** | 900 | 2" | 0,61 | 1296 | 1139 | 1073 | 440 | 900 |
| Side Mounted Filter | | | | | | | | |
| **51450** | 450 | 1½" | 0,14 | 354,4 | 417,5 | 670 | 195 | 450 |
| **51510** | 510 | 1½" | 0,20 | 396,3 | 549,3 | 760 | 225 | 510 |
| **51610** | 610 | 1½" | 0,28 | 429,5 | 492,5 | 825 | 280 | 610 |
| **51700** | 700 | 1½" | 0,36 | 459,5 | 545,5 | 946 | 300 | 700 |
| **51800** | 800 | 2" | 0,47 | 508,0 | 594,0 | 968 | 370 | 800 |
| **51900** | 900 | 2" | 0,61 | 564,0 | 650,0 | 1086 | 440 | 900 |

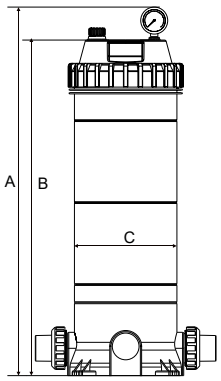
Maximum filtration velocity: 50 $m^3/h/m^2$ - Maximum working pressure: 2,5 $kg/cm^2$ - Testing Pressure: 4 $kg/cm^2$.

# Atecpool Cartridge Filter

## PP AND FIBERGLASS BODY

### Atecpool Cartridge Filter





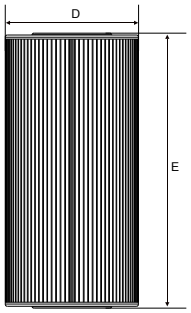

- Body made of PP and fiberglass
- Complete with pressure gauge and manual air vent
- Compact and light weight
- Heavy duty ring-lock lid allows easy cleaning and replacement of the cartridge element
- High filtration capacity
- Screw type air bleeder for easy removal of trapped air inside the filter tank.
- Maximum water temperature: 40°C
- Maximum operation pressure: 2,5 Bar
- Filtration velocity of 1.8 $m^3/hr/m^2$

| Code | Filtration Area | Connection | Max Flow Rate | Dimension | | |
|---|---|---|---|---|---|---|
| | $m^2$ | inches | $m^3/h$ | A (Height) | B | C |
| **087510** | 2,25 | 1,5" | 5,5 | 445 | 387 | 225 |
| **087511** | 4,63 | 1,5" | 11,4 | 625 | 567 | 225 |
| **087512** | 7 | 1,5" | 17,0 | 805 | 747 | 225 |
| **087513** | 9,4 | 2" | 22,9 | 985 | 927 | 225 |
| **087514** | 13,72 | 2" | 33,4 | 1165 | 1107 | 225 |
| **087515** | 16,82 | 2" | 40,9 | 1345 | 1287 | 225 |

### Atecpool Replacement Cartridge

High quality cartridge element for long life filtration. Suitable for Spa.






| Code | Dimensions (mm) | | Micron |
|---|---|---|---|
| | D Ø | E (Height) | µm |
| **087510 C** | 183 | 184,5 | ≤15 |
| **087511 C** | 183 | 364,5 | ≤15 |
| **087512 C** | 183 | 544,5 | ≤15 |
| **087513 C** | 183 | 724,5 | ≤15 |
| **087514 C** | 183 | 904,5 | ≤15 |
| **087515 C** | 183 | 1091 | ≤15 |

# Atecpool Bobinados Commercial

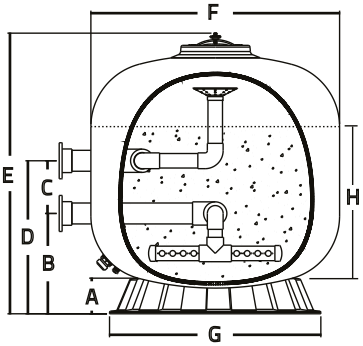
## BOBBIN WOUND FILTERS

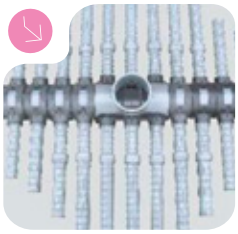
### Atecpool Commercial Filter

Filter diameters ranges from 1200 - 2500 mm. Developed to meet the most demanding installations for:

- Olympic pools, semi-olympic pools, aquatic parks and water treatment
- Max working pressure: 2,5 kg/cm²
- Filters with 4Kg/cm² working pressure can be made on request
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration
- Spiral cover system supports the operations of opening and closing
- Filters supplied with flange connection from 3" to 8" for connection to a battery of 4/5 butterfly valves
- For ozone applications, filters can be lined with vinyl-ester on demand
- Standard internal distribution system: collector arms
- The distance between the upper part of the sand layer and the diffuser head is increased to ensure greater distribution of water in the filtration phase and avoids sand spill into the laterals during backwashing
- Valve manifold frontal piping or Butterfly valve assembly to be ordered separately



Standard internal distribution system



Nozzle plate (Optional)

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Recommended to be used with Activated Filtration Media

| Code | Diameter | Filtration Velocity | Flow Rate | Valve Connections | Filtration Area | Sand | Gravel |
|---|---|---|---|---|---|---|---|
| | Ø mm | m³/h/m² | m³/h | inches | m² | kg | kg |
| 06831200 | 1200 | 30 | 33 | 3" | 1,13 | 700 | 400 |
| | | 40 | 45 | | | | |
| 06831400 | 1400 | 30 | 46 | 4" | 1,54 | 1000 | 500 |
| | | 40 | 61 | | | | |
| 06831600 | 1600 | 30 | 60 | 4" | 2,01 | 1450 | 800 |
| | | 40 | 80 | | | | |
| 06831800 | 1800 | 30 | 76 | 6" | 2,54 | 2400 | 1350 |
| | | 40 | 101 | | | | |
| 06832000 | 2000 | 30 | 94 | 6" | 3,14 | 2800 | 1400 |
| | | 40 | 125 | | | | |
| 06832350 | 2350 | 30 | 130 | 8" | 4,34 | 5600 | 1700 |
| | | 40 | 173 | | | | |
| 06832500 | 2500 | 30 | 147 | 8" | 4,90 | 6400 | 2000 |
| | | 40 | 196 | | | | |

| Model | Diameter | Dimensions (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | D Ø mm | A | B | C | D | E | F | G | H |
| 06831200 | 1200 | 170 | 565 | 350 | 915 | 1410 | 1200 | 1000 | 720 |
| 06831400 | 1400 | 190 | 565 | 350 | 915 | 1570 | 1400 | 1220 | 760 |
| 06831600 | 1600 | 200 | 650 | 350 | 1000 | 1740 | 1620 | 1365 | 820 |
| 06831800 | 1800 | 220 | 690 | 415 | 1105 | 2040 | 1790 | 1630 | 950 |
| 06832000 | 2000 | 220 | 770 | 415 | 1185 | 2210 | 1945 | 1630 | 1020 |
| 06832350 | 2350 | 230 | 950 | 550 | 1500 | 2510 | 2375 | 1800 | 1200 |
| 06832500 | 2500 | 230 | 1050 | 550 | 1600 | 2670 | 2495 | 1800 | 1290 |



**Included:**
- Air purge: 20mm



**Options:**
- Side manhole: Ø400mm



- Sight glass: 114mm
- Nozzle plate distributor
- Working pressure: 4kg/cm²



- Automatic air release valve available upon request (Ref. Pg No.71 for details)

**Note:**
- On demand, filters with special heights can be produced.
- Filters of Ø2350 and above may require special transportation.

# Atecpool Bobinados Commercial Plus

## BOBBIN WOUND FILTERS



Filtration Bed 1 meter

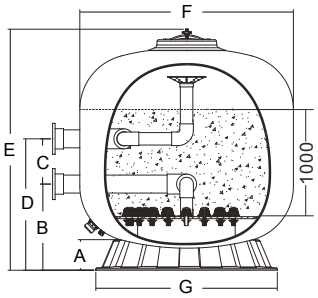
### Atecpool Commercial Filter

Filter diameters ranges from 1050 - 2200 mm. Developed to meet the most demanding installations for:

- Olympic pools, semi-olympic pools, aquatic parks and water treatment
- Maximum working pressure: 2,5 kg/cm²
- Filters with 4 kg/cm² working pressure can be made on request
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration
- Spiral cover system supports the operations of opening and closing
- Filters supplied with flange connection from 3" to 8" for connection to a battery of 4/5 butterfly valves
- For ozone applications, filters can be lined with vinyl-ester on demand
- Standard internal distribution system: collector arms
- The distance between the upper part of the sand layer and the diffuser head is increased to ensure greater distribution of water in the filtration phase and avoid sand spill into the laterals during backwashing

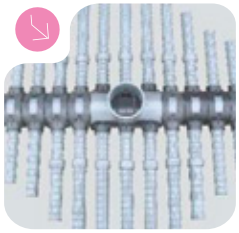
Valve manifold frontal piping or butterfly valve assembly to be ordered separately.








Nozzle plate internal Distribution system



Standard internal distribution system

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Recommended to be used with Activated Filtration Media

| Code | Diameter | Filtration Velocity | Flow Rate | Flanges Connections | Filtration Area | Sand | Gravel |
|---|---|---|---|---|---|---|---|
| | Ø mm | m³/h/m² | m³/h | inches | m² | kg | kg |
| 06851050 | 1050 | 30 | 25,8 | 3" | 0,86 | 1105 | 265 |
| | | 40 | 34,4 | | | | |
| 06851200 | 1200 | 30 | 33,9 | 3" | 1,13 | 1470 | 380 |
| | | 40 | 45,2 | | | | |
| 06851400 | 1400 | 30 | 46,2 | 4" | 1,54 | 1980 | 410 |
| | | 40 | 61,6 | | | | |
| 06851600 | 1600 | 30 | 60,3 | 4" | 2,01 | 2610 | 500 |
| | | 40 | 80,4 | | | | |
| 06851800 | 1800 | 30 | 76,2 | 6" | 2,54 | 3310 | 620 |
| | | 40 | 101,6 | | | | |
| 06852000 | 2000 | 30 | 94,2 | 6" | 3,14 | 4030 | 730 |
| | | 40 | 125,6 | | | | |
| 06852200 | 2200 | 30 | 114 | 8" | 3,80 | 4940 | 1440 |
| | | 40 | 152 | | | | |

| Model | Diameter | Dimensions (mm) | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | D Ø mm | A | B | C | D | E | F | G |
| 06851050 | 1050 | 170 | 625 | 550 | 1175 | 1816 | 1050 | 960 |
| 06851200 | 1200 | 190 | 630 | 550 | 1180 | 1816 | 1200 | 995 |
| 06851400 | 1400 | 200 | 630 | 550 | 1180 | 1816 | 1400 | 1220 |
| 06851600 | 1600 | 220 | 720 | 490 | 1210 | 1916 | 1600 | 1365 |
| 06851800 | 1800 | 220 | 750 | 440 | 1190 | 1956 | 1800 | 1630 |
| 06852000 | 2000 | 230 | 770 | 490 | 1260 | 2060 | 2000 | 1630 |
| 06852200 | 2200 | 230 | 940 | 500 | 1440 | 2376 | 2200 | 1800 |



**Included:**
- Air purge: 20mm



**Options:**
- Side manhole: Ø400mm



- Sight glass: 114mm
- Nozzle plate distributor
- Working pressure: 4kg/cm²



- Automatic air release valve available upon request (Ref. Pg No.71 for details)

**Note:**
- On demand, filters with special heights can be produced.
- Filters of Ø2350 and above may require special transportation.

# Atecpool Ocea
## LAMINATED FILTERS

Recommended to be used with Glass Media

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### Atecpool Laminated Filter Specifications

Atecpool innovative design and advanced technology offers superior filtration performance and crystal clear water.

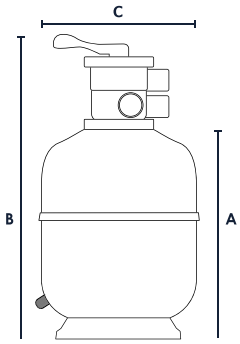
- Maximum working temperature 40°C
- Fiberglass reinforced polyester base
- Injected interior parts in ABS and PVC
- Collector system using laterals 0.3mm slot
- Equipped with 2" sand/water drain
- All gaskets in silicon

Body in laminated fiberglass, reinforced with polyester, making the filter fully anti-corrosive.

- Supplied with MPV
- Closed top lid in two options
- Transparent glass lid with nuts and gaskets (Side MPV Filters)
- Injected ABS with nuts and gaskets (Top MPV Filters)
- Automatic air release valve available upon request

### Atecpool Ocea Top Mounted Sand Filters

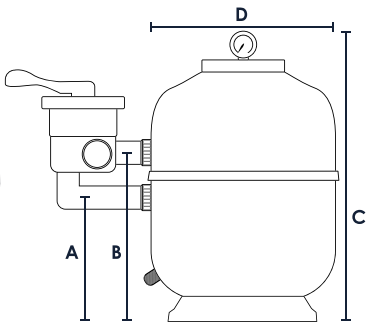



| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | m³/h | mm | kg |
| **65450** | 450 | 8 | 50 | 80 |
| **65500** | 500 | 10 | 50 | 90 |
| **65650** | 650 | 15 | 50 | 140 |
| **65760** | 760 | 22 | 63 | 305 |
| **65800** | 800 | 24 | 63 | 325 |
| **65950** | 950 | 30 | 63 | 530 |

### Atecpool Ocea Side Mounted Sand Filters




| Code | Diameter | Max Flow | Valve Connections | Sand |
|---|---|---|---|---|
| | Ø mm | m³/h | mm | kg |
| **66450** | 450 | 8 | 50 | 80 |
| **66500** | 500 | 10 | 50 | 90 |
| **66650** | 650 | 15 | 50 | 140 |
| **66760** | 760 | 22 | 63 | 305 |
| **66800** | 800 | 24 | 63 | 325 |
| **66950** | 950 | 32 | 63 | 530 |

| Code | Diameter | Valve Connection | Filtration Area | Dimensions | | | |
|---|---|---|---|---|---|---|---|
| | Ø mm | mm | m² | A | B | C | |
| Top Mounted Filter | | | | | | | |
| **65450** | 450 | 50 | 0,14 | 650 | 830 | 450 | |
| **65500** | 500 | 50 | 0,20 | 750 | 930 | 500 | |
| **65650** | 650 | 50 | 0,30 | 850 | 1030 | 650 | |
| **65760** | 760 | 63 | 0,42 | 1000 | 1180 | 760 | |
| **65800** | 800 | 63 | 0,46 | 1030 | 1210 | 800 | |
| **65950** | 950 | 63 | 0,60 | 1030 | 1210 | 950 | |
| Side Mounted Filter | | | | A | B | C | D |
| **66450** | 450 | 50 | 0,16 | 290 | 410 | 700 | 450 |
| **66500** | 500 | 50 | 0,20 | 300 | 420 | 800 | 500 |
| **66650** | 650 | 50 | 0,30 | 320 | 440 | 900 | 650 |
| **66760** | 760 | 63 | 0,44 | 360 | 560 | 1030 | 760 |
| **66800** | 800 | 63 | 0,48 | 380 | 580 | 1080 | 800 |
| **66950** | 950 | 63 | 0,64 | 380 | 580 | 1080 | 950 |

Maximum filtration velocity: 50m³/h/m² Maximum working pressure: 2,5 kg/cm² Testing Pressure: 4kg/cm².

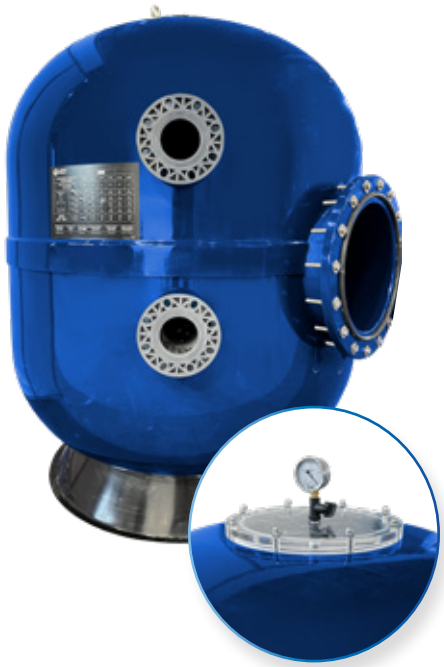
# Atecpool Baltico

## 1.2 MTR BED FILTER

ecofriendly

Filtration Bed 1.2 meter





### Atecpool Baltico

Commercial filters for public pools, made with industrial standards, reinforced fibreglass tank, UV resistant. Bottom with nozzles plate. Top lid and side lid of 400mm made in reinforced fibreglass. Equipped with overpressure safety valve as standard.

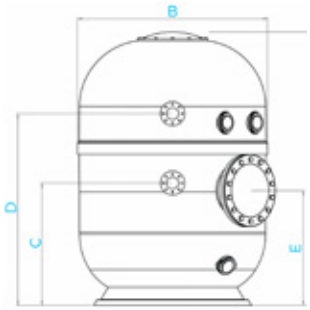
### Specifications

- Bed depth: 1,2 meter
- Drain set dia 75mm. plug 1"
- PVC connection flanges
- Filter with special ozone treatment available under request
- **OPTIONAL:** 5 valves battery with PVC connections
- **OPTIONAL:** sight glass FIMIR400 (2 units)
- **OPTIONAL:** side manhole FIBHL400

### Functions

- Working pressure 0,6 - 2 kg/cm²
- Maximum pressure 2,5 kg/cm²
- Testing pressure 3,75 kg/cm²
- Operating temperature 1° - 40°C
- Top lid Ø 400 mm
- Side manhole Ø 400 mm
- Drain water/sand 1" / 3"
- Bed depth 1200 mm
- Two sight glasses - optional Ø 90 mm

### Atecpool Baltico Filter dimensions




### Technical Data

| Code | Diameter | Conn. Size | Filt. Area | Filt. Velocity | Max Flow | Dimensions | | | | | Gravel (1-2mm) | Sand (0.4-0.8mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | mm | mm | m² | m³/h/m² | m³/h | A | B | C | D | E | Kg | Kg |
| BTC105020 | 1050 | 63 | 0,87 | 20 | 17 | 2037 | 1050 | 917 | 1437 | 861 | 200 | 1320 |
| BTC105034 | 1050 | 75 | 0,87 | 30-40 | 26-34 | 2037 | 1050 | 917 | 1437 | 861 | 200 | 1320 |
| BTC105050 | 1050 | 90 | 0,87 | 50 | 43 | 2037 | 1050 | 917 | 1437 | 861 | 200 | 1320 |
| BTC120023 | 1200 | 75 | 1,13 | 20-30 | 23-34 | 2037 | 1200 | 917 | 1437 | 861 | 250 | 1740 |
| BTC120045 | 1200 | 90 | 1,13 | 40-50 | 45-56 | 2037 | 1200 | 917 | 1437 | 861 | 250 | 1740 |
| BTC120055 | 1200 | 110 | 1,13 | 50 | 60 | 2037 | 1200 | 917 | 1437 | 861 | 250 | 1740 |
| BTC140020 | 1400 | 75 | 1,54 | 20 | 31 | 2037 | 1400 | 917 | 1437 | 861 | 375 | 2460 |
| BTC140030 | 1400 | 90 | 1,54 | 30 | 46 | 2037 | 1400 | 917 | 1437 | 861 | 375 | 2460 |
| BTC140045 | 1400 | 110 | 1,54 | 40-50 | 62-77 | 2037 | 1400 | 917 | 1437 | 861 | 375 | 2460 |
| BTC160020 | 1600 | 90 | 2,01 | 20 | 40 | 2037 | 1600 | 917 | 1437 | 861 | 500 | 2820 |
| BTC160034 | 1600 | 110 | 2,01 | 30-40 | 60-80 | 2037 | 1600 | 917 | 1437 | 861 | 500 | 2820 |
| BTC160050 | 1600 | 125 | 2,01 | 50 | 100 | 2037 | 1600 | 917 | 1437 | 861 | 500 | 2820 |
| BTC180020 | 1800 | 90 | 2,54 | 20 | 51 | 2262 | 1800 | 932 | 1652 | 861 | 750 | 4020 |
| BTC180030 | 1800 | 110 | 2,54 | 30 | 76 | 2262 | 1800 | 700 | 1652 | 861 | 750 | 4020 |
| BTC180040 | 1800 | 125 | 2,54 | 40 | 102 | 2262 | 1800 | 700 | 1652 | 861 | 750 | 4020 |
| BTC180050 | 1800 | 140 | 2,54 | 50 | 125 | 2262 | 1800 | 700 | 1652 | 861 | 750 | 4020 |
| BTC200020 | 2000 | 110 | 3,14 | 20 | 63 | 2262 | 2000 | 700 | 1652 | 861 | 1000 | 5160 |
| BTC200030 | 2000 | 125 | 3,14 | 30 | 94 | 2262 | 2000 | 700 | 1652 | 861 | 1000 | 5160 |
| BTC200040 | 2000 | 140 | 3,14 | 40 | 125 | 2262 | 2000 | 700 | 1652 | 861 | 1000 | 5160 |
| BTC200050 | 2000 | 160 | 3,14 | 50 | 157 | 2262 | 2000 | 700 | 1652 | 861 | 1000 | 5160 |

# Atecpool Horizontal Filter

## BOBBIN WOUND COMMERCIAL FILTER

### Atecpool Horizontal Filters

Atecpool horizontal commercial filters offer a much bigger filtration system for big commercial projects. The filters size ranges from 1050mm to 2500mm in diameter with optional accessories.

- Smart air relief valve for manual and automatic air pressure release.
- Designed to assemble with valve manifold.
- In-fluent collector manifold distribution to prevent clogging.
- Materials used are durable and suitable for all-weather performance.
- Available in standard 2.5 bar and 4.0 bar operating pressure model.





**Dual Stack Horizontal Filter**
option available upon request

### Technical Data

| Model | | Tank Ø A | Length B | Height C | Filtration Area | Designed Velocity | Max. Flow Rate |
|---|---|---|---|---|---|---|---|
| 2.5 bar | 4 bar | mm | mm | mm | $m^2$ | $m^3/h/m^2$ | $m^3/h$ |
| A: Tank Diameter 1050mm | | | | | | | |
| 7825045 | 7840045 | 1050 | 1,900 | 1260 | 1,72 | 30 | 42 |
| 7825065 | 7840065 | | 2,300 | 1260 | 2,12 | 20 | 64 |
| 7825070 | 7840070 | | 2,500 | 1260 | 2,32 | 20 | 70 |
| 7825075 | 7840075 | | 2,700 | 1260 | 2,51 | 40 | 75 |
| 7825085 | 7840085 | | 3,000 | 1260 | 2,81 | 40 | 84 |
| A: Tank Diameter 1250mm | | | | | | | |
| 7825110 | 7840110 | 1200 | 2,500 | 1500 | 2,65 | 40 | 106 |
| 7825130 | 7840130 | | 3,000 | 1500 | 3,21 | 40 | 129 |
| A: Tank Diameter 1400mm | | | | | | | |
| 7825125 | 7840125 | 1400 | 2,500 | 1600 | 3,02 | 40 | 121 |
| 7825145 | 7840145 | | 3,000 | 1600 | 3,67 | 30 | 147 |
| A: Tank Diameter 1600mm | | | | | | | |
| 7825135 | 7840135 | 1600 | 2,500 | 1830 | 3,36 | 30 | 134 |
| 7825165 | 7840165 | | 3,000 | 1830 | 4,1 | 30 | 164 |
| A: Tank Diameter 1800mm | | | | | | | |
| 7825150 | 7840150 | 1800 | 2,500 | 2050 | 3,74 | 30 | 150 |
| 7825185 | 7840185 | | 3,000 | 2050 | 4,58 | 30 | 183 |
| 7825220 | 7840220 | | 3,500 | 2050 | 5,41 | 30 | 216 |
| 7825250 | 7840250 | | 4,000 | 2050 | 6.25 | 30 | 250 |
| A: Tank Diameter 2000mm | | | | | | | |
| 7825180 | 7840180 | 2000 | 2,500 | 2220 | 4,34 | 30 | 180 |
| 7825215 | 7840215 | | 3,000 | 2220 | 5,3 | 30 | 212 |
| 7825255 | 7840255 | | 3,500 | 2220 | 6,25 | 30 | 250 |
| 7825290 | 7840290 | | 4,000 | 2220 | 7,21 | 30 | 288 |
| 7825320 | 7840320 | | 4,500 | 2220 | 8,16 | 20 | 320 |
| A: Tank Diameter 2350mm | | | | | | | |
| 7825240 | 7840240 | 2350 | 3,000 | 2560 | 5,94 | 20 | 238 |
| 7825285 | 7840285 | | 3,,500 | 2560 | 7,06 | 30 | 283 |
| 7825325 | 7840325 | | 4,000 | 2560 | 8,17 | 40 | 320 |
| 7825350 | 7840350 | | 4,500 | 2560 | 9,28 | 40 | 350 |
| 7825380 | 7840380 | | 5,000 | 2560 | 10,4 | 30 | 380 |
| A: Tank Diameter 2500mm | | | | | | | |
| 7825300 | 7840300 | 2500 | 3,500 | 2710 | 7,34 | 30 | 300 |
| 7825335 | 7840335 | | 4,000 | 2710 | 8,62 | 40 | 335 |
| 7825385 | 7840385 | | 4.500 | 2710 | 9,8 | 30 | 380 |
| 7825410 | 7840410 | | 5,000 | 2710 | 10,98 | 30 | 410 |



**Manhole access Ø 400 mm**
Internal dia Ø400mm/
External dia Ø520mm



**Collectors**
Uniformly distributed collection arms with 0.3 mm precision slots for consistent flow and improved water circulation







**Included:**

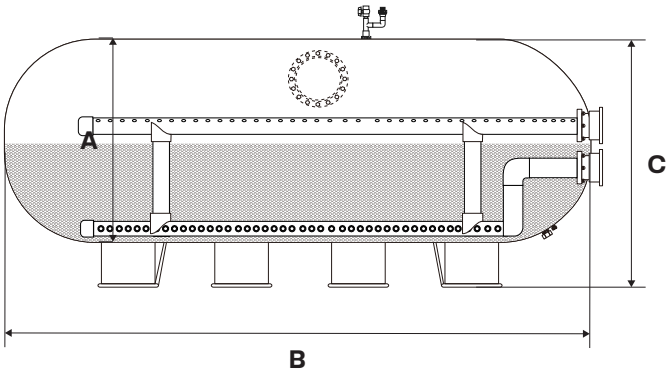
- Pressure Gauge Panel
- Water Drain
- Smart Air Release Valve

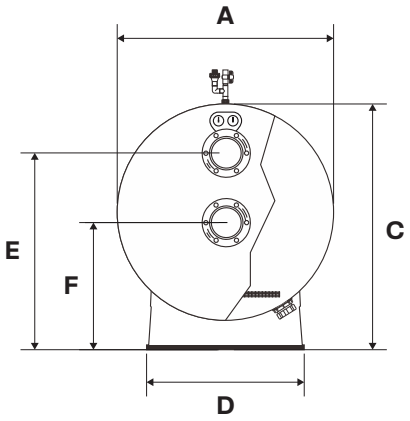
**Options:**

- Additional inline sight glass
- Internal sight glass
- Side manhole
- Valve manifold (valve battery)
- Vinyl-ester internal coating

# Atecpool Horizontal Filter

## BOBBIN WOUND COMMERCIALFILTER




### Technical Specifications

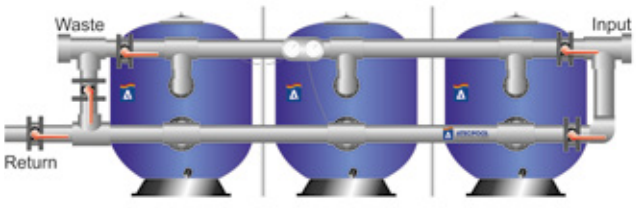
| Model | | Tank Ø A | Length B | Height C | D | E | F | Media Bed Depth | Flange Conn. | Sand (1-2mm) | Gravel (0.5-1mm) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.5 bar | 4 bar | mm | mm | mm | mm | mm | mm | mm | mm | kg | kg |
| A: Tank Diameter 1050mm | | | | | | | | | | | |
| 7825045 | 7840045 | 1050 | 1,900 | 1260 | 800 | 955 | 630 | 500 | 80 | 350 | 950 |
| 7825065 | 7840065 | | 2,300 | 1260 | 800 | 955 | 630 | | 110 | 475 | 1,250 |
| 7825070 | 7840070 | | 2,500 | 1260 | 800 | 955 | 630 | | 110 | 575 | 1,525 |
| 7825075 | 7840075 | | 2,700 | 1260 | 800 | 955 | 630 | | 160 | 700 | 1,600 |
| 7825085 | 7840085 | | 3,000 | 1260 | 800 | 955 | 630 | | 160 | 775 | 2,025 |
| A: Tank Diameter 1250mm | | | | | | | | | | | |
| 7825110 | 7840110 | 1200 | 2,500 | 1500 | 920 | 1050 | 725 | 600 | 160 | 700 | 1,750 |
| 7825130 | 7840130 | | 3,000 | 1500 | 920 | 1050 | 725 | | 160 | 925 | 2,325 |
| A: Tank Diameter 1400mm | | | | | | | | | | | |
| 7825125 | 7840125 | 1400 | 2,500 | 1600 | 1100 | 1200 | 810 | 800 | 160 | 800 | 2,825 |
| 7825145 | 7840145 | | 3,000 | 1600 | 1100 | 1200 | 810 | | 160 | 1,000 | 3,450 |
| A: Tank Diameter 1600mm | | | | | | | | | | | |
| 7825135 | 7840135 | 1600 | 2,500 | 1830 | 1160 | 1400 | 925 | 1000 | 160 | 850 | 3,875 |
| 7825165 | 7840165 | | 3,000 | 1830 | 1160 | 1400 | 925 | | 160 | 1.050 | 4.750 |
| A: Tank Diameter 1800mm | | | | | | | | | | | |
| 7825150 | 7840150 | 1800 | 2,500 | 2050 | 1260 | 1590 | 1040 | 1000 | 160 | 975 | 4,850 |
| 7825185 | 7840185 | | 3,000 | 2050 | 1260 | 1590 | 1040 | | 160 | 1,225 | 5,925 |
| 7825220 | 7840220 | | 3,500 | 2050 | 1260 | 1590 | 1040 | | 210 | 1,475 | 7,000 |
| 7825250 | 7840250 | | 4,000 | 2050 | 1260 | 1590 | 1040 | | 210 | 1.700 | 8,075 |
| A: Tank Diameter 2000mm | | | | | | | | | | | |
| 7825180 | 7840180 | 2000 | 2,500 | 2220 | 1370 | 1800 | 1090 | 1200 | 160 | 1,050 | 6,575 |
| 7825215 | 7840215 | | 3,000 | 2220 | 1370 | 1800 | 1090 | | 160 | 1,300 | 8,025 |
| 7825255 | 7840255 | | 3,500 | 2220 | 1370 | 1800 | 1090 | | 210 | 1,550 | 9,475 |
| 7825290 | 7840290 | | 4,000 | 2220 | 1370 | 1800 | 1090 | | 210 | 1.800 | 10,925 |
| 7825320 | 7840320 | | 4,500 | 2220 | 1370 | 1800 | 1090 | | 210 | 2,075 | 12,375 |
| A: Tank Diameter 2350mm | | | | | | | | | | | |
| 7825240 | 7840240 | 2350 | 3,000 | 2560 | 1680 | 1980 | 1270 | 1200 | 160 | 2,575 | 9,300 |
| 7825285 | 7840285 | | 3,500 | 2560 | 1680 | 1980 | 1270 | | 210 | 3,125 | 11,050 |
| 7825325 | 7840325 | | 4,000 | 2560 | 1680 | 1980 | 1270 | | 260 | 3,650 | 12,800 |
| 7825350 | 7840350 | | 4,500 | 2560 | 1680 | 1980 | 1270 | | 260 | 4,200 | 14,525 |
| 7825380 | 7840380 | | 5,000 | 2560 | 1680 | 1980 | 1270 | | 260 | 4,750 | 16,250 |
| A: Tank Diameter 2500mm | | | | | | | | | | | |
| 7825300 | 7840300 | 2500 | 3,500 | 2710 | 1750 | 2070 | 1360 | 1300 | 210 | 3,175 | 11,675 |
| 7825335 | 7840335 | | 4,000 | 2710 | 1750 | 2070 | 1360 | | 260 | 3,725 | 13,500 |
| 7825385 | 7840385 | | 4.500 | 2710 | 1750 | 2070 | 1360 | | 260 | 4,300 | 15,350 |
| 7825410 | 7840410 | | 5,000 | 2710 | 1750 | 2070 | 1360 | | 260 | 4,850 | 17,200 |

# Atecpool Valve Manifold

## MANUAL OR AUTOMATICALLY DRIVEN

### Atecpool Manual Valve Manifold

A Manual Valve Manifold for commercial filter applications, fitted with PVC pipes and fittings. Butterfly valves or ball valves in PVC. Comes with double glass pressure gauge.
All manual or automatically driven valve manifolds are manufactured with flanges for connection to filters as per DIN 2501 standards.
All manifolds are supplied assembled without support brackets.




| Code | Description | Connections | |
|---|---|---|---|
| | Butterfly valve | | inch |
| AV275 | 5-valve manifold | D80 | 3" |
| AV290 | 5-valve manifold | D100 | 4" |
| AV211 | 5-valve manifold | D150 | 6" |
| AV212 | 5-valve manifold | D200 | 8" |





### Atecpool Automatic Valve Manifold

Automatic valve manifold sets are delivered completely assembled including a manometer panel with testing valves and the pipe supports (pipe supports are only supplied for filters with connections larger than 90 mm).
Supplied with automatic PVC butterfly valves with electric or pneumatic actuator. Control panel for valve manifold to be used with electrically or pneumatically actuated valves. Fitted within the control panel, automatic programming installation that allows the execution of automatic filtration, backwashing, rinsing and shut-down operations. Control panel supplied together with automatic valves. 230 V single phase with factory programmed automation. Each valve battery consists of 5 butterfly valves, control panel, manometer and pipes, fully assembled.





### Atecpool Valve Manifold - Electrically actuated

| Code | Description | Connections | |
|---|---|---|---|
| | Electric valve | | inch |
| AV0683 | 5 - valve battery E | D80 | 3" |
| AV0684 | 5 - valve battery E | D100 | 4" |
| AV0685 | 5 - valve battery E | D150 | 6" |
| AV0686 | 5 - valve battery E | D200 | 8" |

### Atecpool Valve Manifold - Pneumatically actuated

| Code | Description | Connections | |
|---|---|---|---|
| | Pneumatic valve | | inch |
| AV0691 | 5 - valve battery P | D80 | 3" |
| AV0692 | 5 - valve battery P | D100 | 4" |
| AV0693 | 5 - valve battery P | D150 | 6" |
| AV0694 | 5 - valve battery P | D200 | 8" |

*Dedicated compressor is required (footprint 1m² apprx.)

# Atecpool Besgo
## AUTOMATIC BACKWASH

ecofriendly

### Atecpool Automatic Backwash

Atecpool Besgo backwash valves of U-PVC are pneumatic and can be operated with water or air pressure. Solenoid valve included with emergency manual override. Sizes DN40 / D50 to DN100 / D110.

- **Outstanding reliability:** The automatic backwash valve opens by means of water pressure and closes under pressure from a spring. In the eventuality of electrical failure the Atecpool Besgo valve returns automatically to the "Filter" position. Eliminating the risk of unintentional draining of the pool.
- Switching over from "Filter" to "Backwash" does not require the filter pump to be stopped.
- **Low pressure drop:** This results in a high velocity backwash which is particularly important for an almost pressure-free backwash.

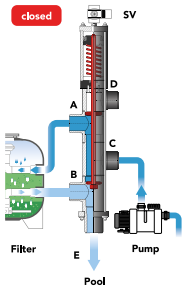



### Specifications

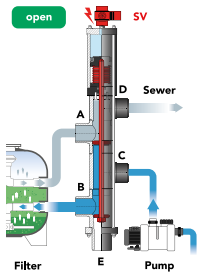
- **Material**
  Inner parts: stainless steel V4A
  Seals: Viton / Teflon
- **Actuation**
  Spring-activated closing when not under pressure
- **Actuating pressure**
  3 to 5 bar mains water or compressed air
- **Operating pressure**
  Max. 3.5 bar
- **Solenoid valve**
  The solenoid valve serves to control the hydraulic drive system and can be connected to any customary control system. Closed when electric power off.
  Electrical connection: 230V/50 Hz.

| Code | Description | Connection | Flow Rate |
|---|---|---|---|
| | | inch | m³/h |
| AV3103 | DN40 / D50 | 1,5" | 20 |
| AV3201 | DN50 / D63 | 2" | 30 |
| AV3301 | DN65 / D75 | 2,5" | 45 |
| AV3401 | DN80 / D90 | 3" | 65 |
| AV3501 | DN100 / D110 | 4" | 95 |

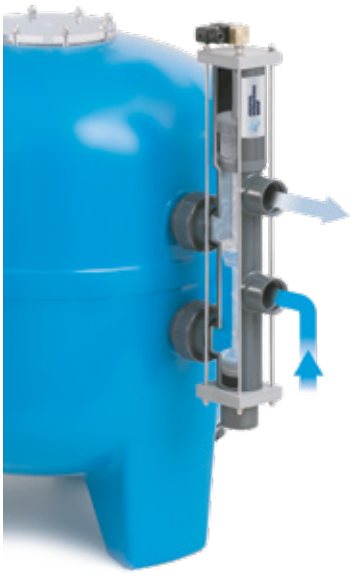
**Filtration mode**
**Solenoid valve closed**




**Backwash mode**
**Solenoid valve open**




**References:**
SV: Solenoid valve
A: Filter connection (inlet)
B: Filter connection (outlet)
C: Connection to the filtration pump
D: Connection to the backwash pipe (sewer)
E: Connection to the pool (filtered water)



TÜV Rheinland CERTIFIED



Control Panel



Air compressor



Pressure switch

### Accessories

- **Control Panel** for Besgo operation.
- **Air Compressor** 1.1kW, 230V, vessel size 24lt, pressure max 8 bar, 22 kg, with pressure reducer.
- **Pressure switch** Installation unit 3/8" Besgo, water pressure control composed of: manometer 0-10 bar, non-return valve, fine filter, stop-tap.

| Code | Description |
|---|---|
| | |
| BCP10 | Control Panel for Besgo Valve |
| BAC25 | Air Compressor 1.1 kW / 230V / 8 Bar |
| BPS35 | Pressure Switch with connection kit |

# Atecpool Inox AISI 316

## STAINLESS STEEL FILTERS

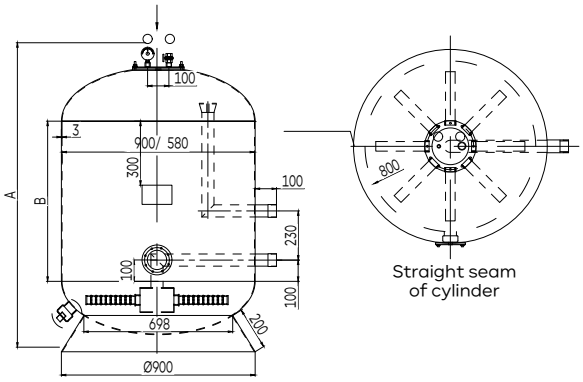
### Atecpool Zodiac Stainless Steel AISI 316 Filter

- Made from high-quality stainless steel AISI 316
- SS316 L (marine grade) upon request
- Maximum working pressure: 3 kg/cm²
- Stainless steel sheet thickness (T) 1.5 mm
- Upto 10 bar working pressure upon special request
- Inlet / Outlet: 2" threaded, no valve included
- Top lid: DN300, silicon gasket with screws
- Side manhole : DN 140, silicon gasket with screws
- Leg: skirt type / drain port 59 mm
- Mirror finish
- Water distribution : laterals
- Manual air release valve 1", Automatic air release valve available upon request'



| Code | Diameter Ø | Flow Rate | Filtration Area | Thickness | Valve Conn. | Sand | Dimensions | |
|---|---|---|---|---|---|---|---|---|
| | mm | m³/h | m² | mm | inch | kg | mm | |
| | | | | | | | A | B |
| **77500** | 580 | 13 | 0,26 | 1,5 | 1.5" | 150 | 950 | 500 |
| **77800** | 800 | 25 | 0,50 | 1,5 | 2" | 350 | 1250 | 600 |
| **78900** | 900 | 33 | 0,66 | 3 | 2" | 500 | 1350 | 600 |

Working Pressure : 3Kg/cm² - Testing Pressure: 4kg/cm² - Filtration Velocity 50m³/h/m²



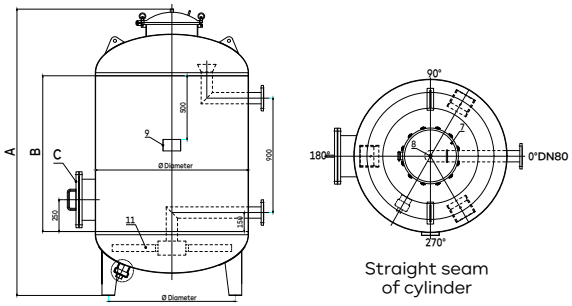

Supplied with
- Side MPV or Besgo Valves



### Atecpool Classic Stainless Steel AISI 316 Filter




- Made from high-quality stainless steel AISI 316
- SS316L (marine grade) upon request.
- Maximum working pressure: 3 kg/cm² / stainless steel sheet thickness (T) 3 mm
- Upto 10 bar or higher pressure upon special request
- Inlet / Outlet : Flange type.
- Top lid: DN400, silicon gasket with screws
- Side manhole: DN 300 , silicon gasket with screws
- Leg: 3 legs / drain port 89 mm
- Water distribution : Laterals
- Manual air release valve 1'' , Automatic air release valve available upon request




| Code | Diameter Ø | Flow Rate | Filtration Area | Thickness | Flange Conn. | Sand | Dimensions | | |
|---|---|---|---|---|---|---|---|---|---|
| | mm | m³/h | m² | mm | inch | kg | mm | | Ø mm |
| | | | | | | | A | B | C |
| **781200** | 1200 | 57 | 1,13 | 3 | 3" flange | 1550 | 2110 | 1225 | 300 |
| **781400** | 1400 | 78 | 1,54 | 3 | 4" flange | 2260 | 2230 | 1225 | 300 |
| **781600** | 1600 | 101 | 2,01 | 4 | 4" flange | 3100 | 2410 | 1230 | 300 |
| **781800** | 1800 | 127 | 2,54 | 4 | 6" flange | 3850 | 2470 | 1230 | 300 |
| **782000** | 2000 | 157 | 3,14 | 4 | 6" flange | 5000 | 2490 | 1235 | 300 |

Working Pressure : 3 Kg/cm² - Testing Pressure: 4kg/cm² - Filtration velocity 50m³/h/m²



**Options:**
- Air purge: 20mm.



- Sight glass: 114mm.

# Atecpool Cartridge Filter

## STAINLESS STEEL

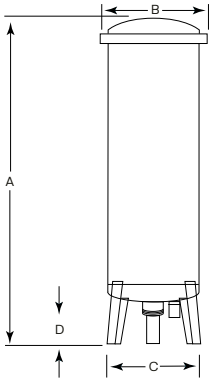
### Atecpool Stainless Steel Catridge Filter

- NSF/ANSI/CAN Standard 61 listed
- T-304 stainless steel construction, standard
- Electropolished finish, standard
- 150 psi (10.3 bar) pressure rating
- Flow Rates up to 800 gpm (3,028 lpm)
- All filter housings hydrostatically tested
- Easy cartridge installation, removal and service
- Individual studs for safe, secure lid closure
- Extensive choice of cartridge micron ratings and media



### Technical Data

| Code | Flow Rate | Height A | Diameter B | Leg Width C | Outlet Height D | Cartridges | Inlet/ Outlet | Drain |
|---|---|---|---|---|---|---|---|---|
| | m³/h | inch | inch | inch | inch | inch | inch | inch |
| ACF7 | 7 | 19 ½" | 13" | 13" | 3 ½" | 9 ¾" (Single) | 1 ½" NPT | 1" NPT |
| ACF14 | 14 | 28" | 13" | 13" | 3 ½" | 19 ½" (Doubles) | 1 ½" NPT | 1" NPT |
| ACF16 | 17 | 28" | 13" | 13" | 4" | 19 ½" (Doubles) | 2" NPT | 1" NPT |
| ACF21 | 20 | 37" | 13" | 13" | 3 ½" | 29 ¼" (Triples) | 1 ½" NPT | 1" NPT |
| ACF24 | 23 | 37" | 13" | 13" | 4" | 29 ¼" (Triples) | 2" NPT | 1" NPT |
| ACF42 | 40 | 40" | 18" | 18" | 5 ⅜" | 29 ¼" (Triples) | 2" NPT | 1" NPT |
| ACF75 | 68 | 42" | 20" | 20" | 6 ⅜" | 29 ¼" (Triples) | 3" NPT | 1 ½" NPT |
| ACF100 | 91 | 52 | 20" | 20" | 5 ⅞" | 39" (Quadruples) | 3" NPT | 1 ½" NPT |




### Specifications

- **Filter Vessel/Metal Components** - 304 stainless steel, electropolished for increased resistance to corrosion; 316 available
- **Holding / Lifting Rods, Standpipes and Pipe Caps** - CPVC, standard models; 304 stainless steel for All stainless steel models
- **Rim Gaskets** - EDPM, standard: BUNA-N, Viton available
- **O-rings** - BUNA-N, standard: EDPM, Viton available
- **Bottom Seals** - natural gum rubber, standard: EDPM, Viton available
- **Pressure** - rated for pressure to 150 PSI (10.3 bar) max
- **Temperature** - rated to 140°F (60°C) with CPVC rods pipe caps, standpipes and standard Harmsco cartridges; rated to 200°F (93°C) for all stainless models with stainless steel rods, pipe caps and standpipes, and Harmsco High-Temp cartridges
- **Flow** - up to 800 gpm; typical flow rates are 4-6 gpm per single length (9-3/4")
- **Wing Nuts** - brass; optional brass hex nuts and stainless steel flat washers

### Atecpool Replacement Catridge for Stainless Steel Filter

100% Coconut Carbon block cartridges for taste, odor and chlorine reduction



#### Features

- 100% coconut shell carbon
- 5 micron nominal filtration
- Radial flow design
- FDA approved components
- High porosity design
- Available in 9.75", 19.5", 29.25" and 39" lengths

#### Specifications

- **Carbon:** 100% Coconut shell PAC
- **End caps:** Polypropylene
- **Inner / Outer Wraps:** Polypropylene
- **Nettings:** Polyethylene
- **Gaskets:** EPDM
- **Temperature Rating:** 40°F (4°C) to 140°F (60°C)

| Code | Length | Nominal Micron Rating | Chlorine, Taste, Odor Reduction Capacity at Flow rate | Initial Pressure Drop at Flow Rate | Outside Diameter |
|---|---|---|---|---|---|
| | inch | | lpm | bar/lpm | inch |
| 801-ATC | 9 ¾" | 5 | > 33,300 liters @ 3.8 lpm | .18 bar @ 3.8 lpm | 2 ¾" |
| 921-ATC | 19 ½" | 5 | > 66,600 liters @ 7.6 lpm | .18 bar @ 7.6 lpm | 2 ¾" |
| 931-ATC | 29 ¼" | 5 | > 99,900 liters @ 11.4 lpm | .18 bar @ 11.4 lpm | 2 ¾" |
| 941-ATC | 39" | 5 | > 133,200 liters @ 15.1 lpm | .18 bar @ 15.1 lpm | 2 ¾" |

# Atecpool Multiport Valves

## SIX-WAY VALVES

### Atecpool Multiport Valves

### Functions

- Filter: Normal filtration and vacuuming
- Backwash: Cleans filter by reversing water flow
- Rinse: Used after backwash to flush dirt from valve and pipes
- Waste: Filter by-pass option to discharge dirt from vacuuming to waste or to lower water level
- Recirculate: Filter by-pass option to circulate water back to pool directly.
- Close: Stops all flow to filter or pool housing, cover and handle are made of ABS, gasket in EPDM and metallic components in S.S. and distributor in PPE.
- Multiport valves (MPV) are available in 2 different configurations.
- Top and Side Multiport valves.
- Top Multiport valve has two connections. 1½" and 2".
- Side Multiport valve has three connections. 1½" and 2".

#### 1½" TOP multiport valve

ELECTA FILTER



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 726103 | 50 | 1 1/2" | Black | 3,8 | 0,02 |

#### 2" TOP multiport valve

ELECTA FILTER



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 726104 | 63 | 2" | Black | 5 | 0,028 |

#### 1½" SIDE multiport valve

ELECTA FILTER



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 726105 | 50 | 11/2" | Black | 3,8 | 0,02 |

#### 2" SIDE multiport valve

ELECTA FILTER



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 726106 | 63 | 2" | Black | 5 | 0,028 |

#### 1½" TOP multiport valve

BOBINADOS SERIE



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 0683150 | 50 | 11/2" | Black | 3,8 | 0,02 |

#### 2" TOP multiport valve

BOBINADOS SERIE



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 0683200 | 63 | 2" | Black | 5 | 0,028 |

#### 1½" SIDE multiport valve

BOBINADOS SERIE



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 0684150 | 50 | 11/2" | Black | 3,8 | 0,02 |

#### 2" and 2½" SIDE multiport valve

BOBINADOS SERIE



| Code | Dimension | | Colour | Weight | Volume pkg |
|---|---|---|---|---|---|
| | mm | inch | | kg | m³ |
| 0684200 | 63 | 2" | Black | 5 | 0,04 |
| 0684250 | 75 | 2½" | Black | 7 | 0,06 |

### Automatic Air Release Valve



**Automatic Air Release Valve**

- Body in nickel-plated brass.
- Float in polyethilenic resin.
- Maximum working temperature: 110°C.
- Maximum discharge pressure: 10 bar.

Available with NPT thread in the sizes
**CODE : 21050** - 1/2" Connection
**CODE: 21750** - 3/4" Connection
**CODE: 21100** - 1" Connection

# Atecpool Automatic Selector Valves

## TOP AND SIDE CONNECTIONS

### Atecpool Basic and Flat Automatic Selector Valves



2030841/3



2030845

#### Features

- Innovative design.
- Easy to install.
- Low weight and volume.
- High impact-resistant cover.
- Water and dust resistant (IP 65).
- Complies with CE regulations.
- Automatic pump shutdown during valve position changes.

#### Options

- Solenoid valve in the drain: Optional Safety system to protect against power supply failures during valve position changes.
- Optional control panel-direct connection with the installations existing control box.

| Code | Description | Position | Maximum Flow | Power Supply | Programming |
|---|---|---|---|---|---|
| | | | | | |
| **2030841** | Automatic Selector Valve Basic 11/2" | Side-mount | 14 m³/h (62 GPM) | 230 / 115V AC | Programmed via a touch-sensitive keypad |
| **2030843** | Automatic Selector Valve Basic 2" | Side-mount | 18 m³/h (80 GPM) | | |
| **2030845** | Automatic Selector Valve Flat 11/2" | Top | 12m³/h - (53 GPM) | 230 / 115V AC | Backwash time programmed via potentiometer in the electronic board. |
| **2030842** | Automatic Selector Valve Flat 11/2" | Side-mount | 12m³/h - (53 GPM) | | |

Maximum working pressure: 3.5 bar - Maximum testing pressure 5.2 bar

### Atecpool Smart Selector Valves

- Backwash the filter with a touch of a button, easy.
- Change valve position without a handle.
- Built-in Pressure Sensor : Backwash automatically when tank pressure is high.
- 5-inch LCD Touch Screen : Display and control with ease and user friendly interface.



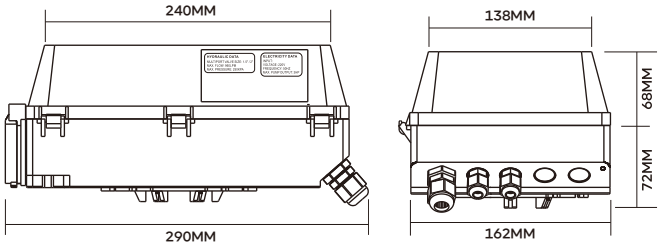




#### Specifications

- Mounting Configuration : Top or Side
- Connections : 1,5" / 2" / 2,5"
- Smart Valve Function : Pressure switch, timer or one-touch
- Adjustable Pressure Switch : 30 KPA-200 KPA
- Max. Timer Wash : 1 wash per day, 7 days schedule
- Adjustable Wash Time : 5 - 120 sec
- Pump Timer : 7 days schedule, 2 cycles per day, speed adjustable
- Max Working Pressure : 250KPA
- Power Voltage Input : 220V @ 50Hz
- IP Rating : 65

#### Dimensions




| Code | Description | Conn. Size |
|---|---|---|
| | | |
| **2030848** | Atecpool Smart Selector Valve Side Mounted | 1½" |
| **2030849** | Atecpool Smart Selector Valve Top Mounted | 1½" |
| **2030840** | Atecpool Smart Selector Valve Side Mounted | 2" |
| **2030847** | Atecpool Smart Selector Valve Top Mounted | 2" |
| **2030844** | Atecpool Smart Selector Valve Side Mounted | 2½" |
| **2030846** | Atecpool Smart Selector Valve Top Mounted | 2½" |

Easy and efficient

The easiest way to filter your swimming pool

# Atecpool Pipeless Filtration

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# Atecpool Wall Mounted Filter

## PIPELESS

### Compak Kit WPCKIT25 - Wall Mounted Filter

The enclosure of the wall-mounted filter is made of ABS, anti-acid-fading and easy to clean, integrated filter installation without plant room, easy installation, convenient operation and excellent performance reducing construction costs. The filter is made according to international standards.

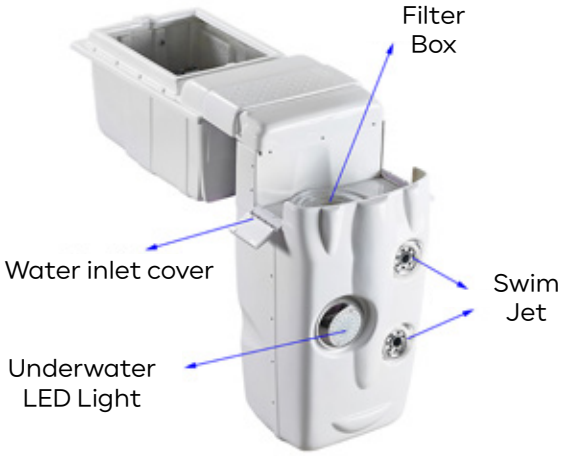


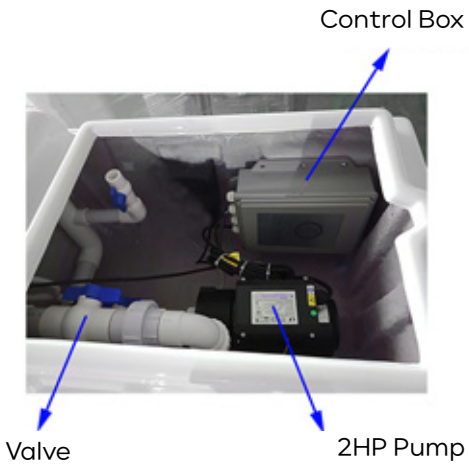
Pools until 80 m³ max.
Length max.: 10 m

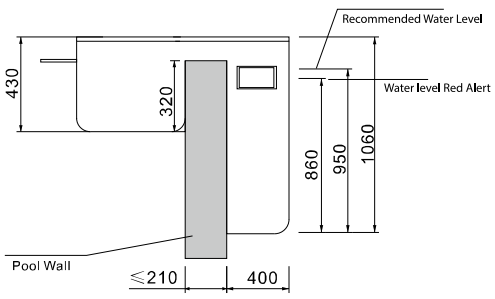
### Specifications

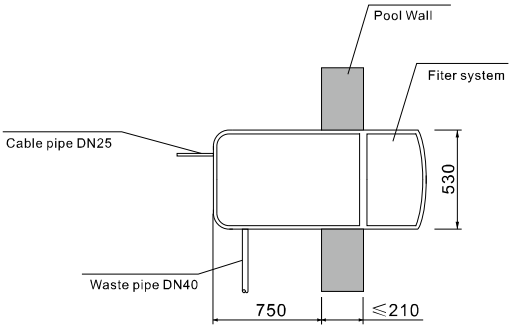
- Dimensions: 1450 x 530 x 1060 mm
- Flow Rate: 25 m³/h
- Voltage: 220~240V / 50 Hz or 60 Hz
- Precision of filtration bag: ≤ 5μm
- Operation noise: ≤ 50 dB
- Material: ABS
- Installation: Wall mounting

| Code | Description |
|---|---|
| | |
| **WPCKIT25** | Compak Kit Wall Mounted Filter 25 m³/hr |



# Atecpool Filtration Housings

## HOUSINGS WITHOUT INNER ASSEMBLY

### Atecpool Filtration Housing - Compact Unit

Fully in-ground or semi in-ground model. Custom built filtration housing, body made of FRP. Complete with double sided wall joints and water drainage. Standard unit has the capacity for a filter upto size Ø700 mm, a pump, a booster pump and a submersible pump. A 4kg Inline chlorine feeder can be optionally fitted in.



Custom built filtration housing, body made of FRP.

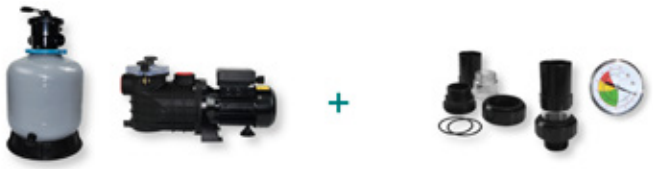


Fully plumbed plant room ready to install.

| Code | Model | Description |
|---|---|---|
| | | |
| **81519** | Caseta | Custom made FRP filtration housing |

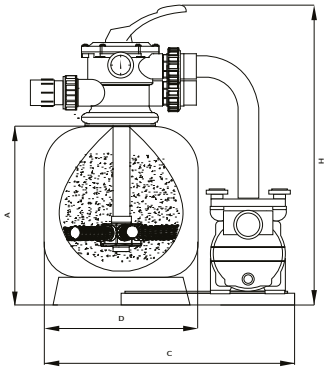
### Atecpool Filtration Kit

Monobloc filtration groups for small and domestic swimming pools. Set of Bobbin-wound filter, 6 ways selector valve, pump, other components: baseplate, flexible PVC hose, union sleeves, manometer.





Filtration Kit




| Code | Filter | Pump | A | C | D | H | Connections | Sand |
|---|---|---|---|---|---|---|---|---|
| | mm | | mm | | | | mm | kg |
| **6991400** | Ø410 | micro 0.33HP | 515 | 750 | 410 | 770 | 1½" - 50 | 34 |
| **6991410** | Ø410 | micro 0.5HP | 575 | 790 | 450 | 770 | 1½" - 50 | 34 |

# Atecpool Filtration Trolley Kit

## PORTABLE FILTRATION



### Atecpool Portable Filtration Kit

- Fast and easy set-up, ready to install.
- Specially sized sand filter with self-priming pump.
- Large pump strainer basket to extend service periods.
- Union connections for quick installation and servicing.
- Control Panel for pump, Electrical Cable 15m, Vacuum Hose 15m length included.
- Extra length hose upon request.



| Code | Diameter Ø | Max. Flow | Valve Connection | Power | | | |
|---|---|---|---|---|---|---|---|
| | mm | m³/h | inch | HP | kW | µF | Voltage |
| **06990450** | 450 | 7 | 1½" | 0.5 | 0.37 | 16 | 230 - 400V |
| **06990510** | 510 | 10 | 1½" | 0.75 | 0.55 | 20 | 230 - 400V |
| **06990610** | 610 | 14 | 1½" | 1 | 0.75 | 25 | 230 - 400V |

### Atecpool Portable Filtration Cartridge Kit

- Fast and easy set-up, ready to install
- Specially sized Cartridge Filter with self-priming pump
- Large pump strainer basket to extend service periods
- Union connections for quick installation and servicing
- Control Panel for pump, Electrical Cable 15m, Vacuum Hose
- 15m length included



| Code | Filtration area | Max. Flow | Valve Connection | Power | | | |
|---|---|---|---|---|---|---|---|
| | m² | m³/h | inch | HP | kW | µF | Voltage |
| **00595005** | 2,3 | 5,5 | 1½" | 0,5 | 0,37 | 16 | 230 - 400V |
| **00597507** | 4,7 | 11,4 | 1½" | 0,75 | 0,55 | 20 | 230 - 400V |
| **06997510** | 7 | 17,0 | 1½" | 1 | 0,75 | 25 | 230 - 400V |
| **06997610** | 9,4 | 22,9 | 2" | 1,5 | 1 | 30 | 230 - 400V |

Nature Works®

Healthier pool for a healthier planet

# Atecpool Virgin Glass Media







## Hi-Tech Glass Filter Media

Nature Works® is the latest generation filter media based on virgin recycled glass, designed exclusively for water filtration. Just by changing your current filter media to Nature Works® you will maximize every standard filter's performance. The efficiency of Nature Works® is based on the elimination of the most common particles you can find in a swimming pool that make the water go misty.

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# Atecpool Filter Media

## VIRGIN GLASS FILTER MEDIA




### Nature Works® - High Calibration Filtration Media

Nature Works® is the latest generation filter media based on virgin recycled glass, designed exclusively for water filtration. Just by changing your current filter media to Nature Works® you will maximize every standard filter's performance.

The efficiency of Nature Works® is based on the elimination of the most common particles you can find in a swimming pool that make the water go misty. This simultaneously maximizes savings and efficiency. It is achieved through a highly selected grain size distribution and an advanced surface treatment technology, which prevents biofilm formation, keeps microchannels open, and ensures that captured particles remain safe to handle

| Code | NWStage0 | NWStage1 |
|---|---|---|
| | | |
| Description | Technical glass high-calibrated for water treatment | Technical glass high-calibrated for the filtration of the swimming pool water and for water treatment |
| Composition | SiO2(74%), Na2O(11%), CaO(10%) | SiO2 (74%); Na2O (11%); CaO (10%) / Purity Level: at least 99,999%, (below detection limit) |
| Colour | Transparent (Made exclusively from recycled flat glass) | |
| Particle Density | 2,490 kg/m³ | |
| Bulk Density | 1,335 kg/m³ | |
| Granulometry | 1,5 - 2,5 mm | 0,6 - 0,8 mm |
| Packing | 20 kg, recyclable paper bag UV-resistant / 1000 kg Bulk Bag | |
| Filter Filling | 20% of Nature Works Stage 0 - as bottom layer<br>80% of Nature Works Stage 1 - as top layer | |




### Nature Works® - NW40 Green Glass Media Media

Nature Works® NW40 is a family of filter media based on recycled glass that has been developed exclusevely for liquid filtration. Among other features, it has been purified through the most advanced ecological process and is packaged in HQ recyclable bags. Each type of industrial filtration has different typical suspended matter with different size ranges, therefore each "stage type" of Nature Works® NW40 is focused on retaining different size ranges, simultaneously optimising savings, efficiency and maximizing utility. The target size ranges are enforced using the High Calibration Technology, which allows to control the size and proportion of the micro channels formed in the filter mass to create different "stage type" settings.

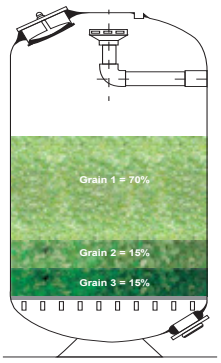
| Code | NW40 Stage 0 | NW40 Stage 1 |
|---|---|---|
| | | |
| Description | High-Calibration glass media for water filtration, | |
| Composition | SiO2(74%), Na2O(13%), CaO(10,5%), Al2O3(1,3%), K2O(0,3%), SO3(0,2%), MgO(0,2%), Fe2O3(0,04%), TiO2(0,01%) | |
| Colour | Multicoloured Glass | |
| Particle Density | 2,490 kg/m³ | |
| Bulk Density | 1,290 kg/m³ | 1,335 kg/m³ |
| Granulometry | 1,5 - 2,5 mm | 0,6 - 1,2 mm |
| Packing | 20 kg, recyclable paper bag UV-resistant / 1000 kg Bulk Bag | |
| Installation | 20% of NW40 Stage 0 - as bottom layer<br>80% of NW40 Stage 1 - as top layer | |

# Atecpool Filtration Media

## AFM®NG, SAND AND GRAVEL

ecofriendly

### Atecpool AFM®ng




Atecpool AFM®ng is a unique bio resistant filter media. AFM® is the most effective filter media, AFM® ng 1 achieved 94.6 % at 1 micron at 20 m/hr (8 gpm/ft²).
The data also confirms AFM®ng 1 removed 99.6% of all particles down to 5 microns, and the equivalent grade of sand only achieved 72.97%.
The surface area is 300 times larger than the surface area of sand or other glass filter media. The surface area is important for all adsorptive and catalytic reactions. In contact with the water free radicals (OH-radicals) are formed, which protect the surface from bio-fouling.
AFM®ng: Filters 95% of all particles down to 1 micron.
AFM®: Filters 95% of all particles down to 4 microns.
Sand: Filters 95% of all particles down to 20 microns.
Glass and sand: Filters 95% of all particles >25 microns.




**Filter filling:**

50 % AFMng 1
25 % AFMng 2 as supporting layer
25 % AFM 3 as supporting layer

For smaller filters (<1000 mm diameter) and for all filters with nozzle plate irrespective of filter diameter, use 50 % of AFM®ng 1 and 50 % of AFM®ng 2. AFM®ng 3 is for larger diameter filters to ensure adequate filtration.

| Code | Granulometry | Units | Weight | Volume package |
|---|---|---|---|---|
| | mm | qty | kg | m³ |
| **AFMng1** | 0,4 - 0,8 | 1 | 25 | 667 |
| **AFMng2** | 0,7 - 2,0 | 1 | 25 | 667 |
| **AFMng3** | 2,0 - 4,0 | 1 | 25 | 667 |

### Filtration Media Silica Sand



25 kg bag

| Code | Granulometry | Units | Weight | Volume package |
|---|---|---|---|---|
| | mm | qty | kg | m³ |
| **1000001-25** | 0,4 - 0,8 | 1 | 25 | 0,4 |

### Gravel



25 kg bag

| Code | Granulometry | Units | Weight | Volume package |
|---|---|---|---|---|
| | mm | qty | kg | m³ |
| **1000002-25** | 1,0-2,0 | 1 | 25 | 0,4 |
| **1000003-25** | 3,0-5,0 | 1 | 25 | 0,4 |

# Atecpool Filtration Media

## PERLITE AND BIOLOGICAL MEDIA

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### Atecpool Perlite Media for Regenerative filters

- Natural and Non-toxic.
- High Filtration Efficiency: Perlite forms a porous, permeable, and rigid lattice structure that effectively traps solid particles while allowing for fast flow rates and brilliant clarity.
- Wide Permeability Range: Perlite offers a wide range of permeability, making it suitable for different filtration needs.
- Minimal Cake Cracking: The filter cake formed by perlite is less prone to cracking, which helps maintain consistent filtration performance. Minimum median size ≥ 40 micron.
- Sterile and Inert Nature: Perlite is sterile and inert, ensuring that it does not react with the filtered water or introduce any contaminants.
- Compliance with Regulations: Perlite filter aids to adhere the US Food Codex and relevant EU regulations, making them suitable for use in various applications.




| Code | Description | Weight |
|---|---|---|
| | | kg |
| **81210** | Perlite filtration media 12kg bag | 12kg/bag |

### Atecpool Biological Media

Our advanced systems incorporate highly efficient biological media, available in a range of configurations to precisely meet the specific needs of each application. Biological media is anything inert that provides housing for beneficial bacteria.

### Cylinder Biological Media

Cylinder Biological Media provides an ideal growth environment for biological filtration. With its rough surface, it ensures fast biomass accumulation and is suitable for aquarium, aquaculture, wastewater treatment, and aerobic and anaerobic submerged filters.

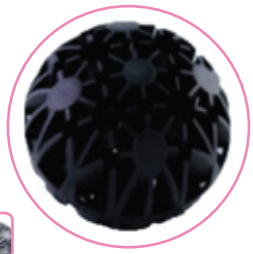




| Code | Specific Surface Area | Diameter | Dimension | Average Hollow Space |
|---|---|---|---|---|
| | m²/m³ | Ø mm | cm | |
| **86250** | 250 | 41,7 | 50x50x50 | 70% |
| **86220** | 220 | 50 | 50x50x50 | 78% |

### Bio-ball Biological Media

The Bio-ball Biological Media is light and durable, easy to clean and reduces channeling. Each ball is 60mm in diameter and has nearly 25 square inches of surface area for bacterial colonization.

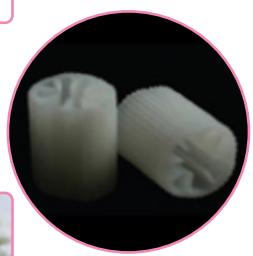




| Code | Specific Surface Area | Diameter |
|---|---|---|
| | m²/m³ | mm |
| **86190** | 190 | 60 |

### Bio-ring Biological Media

This Polypropylene Media comprises small plastic rings with a very large surface area up to 1776m²/m³. With its light weight, it allows easy circulation which is suitable for moving bed filtration.





| Code | Specific Surface Area | Diameter |
|---|---|---|
| | m²/m³ | Ø mm |
| **86770** | 1776 | 6,8x8 (length) |



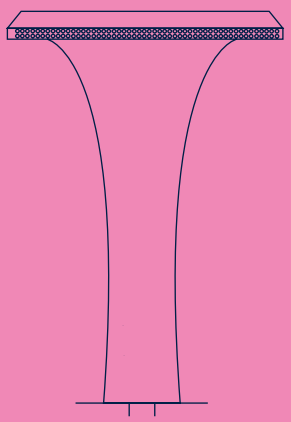
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# Pool Surround

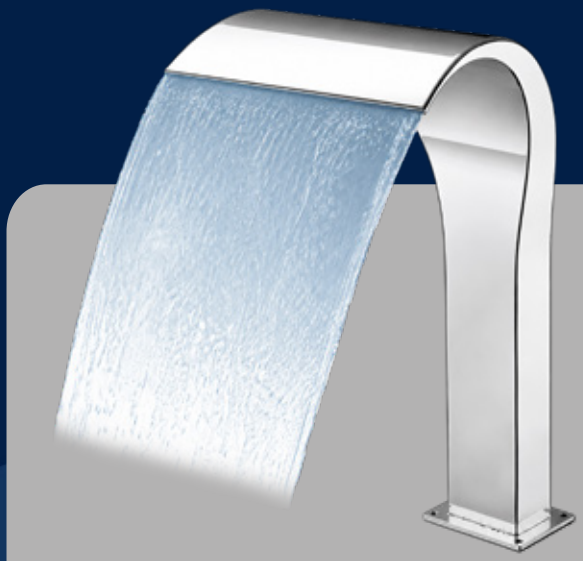


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atecpool.com



# Atecpool Pool Surround

**ATECPOOL** poolside equipment in high quality grade stainless steel provides durability with best aesthetic appearance. Wide range selection of poolside equipment that will suit your custom requirements. Designed and built to enjoy a secure pool environment with maximum relaxation.

Special stainless steel ornamental pool features designed and engineered by **ATECPOOL** with excellence and high precision.

ecofriendly

**Atecpool Green Revolution**
Working towards the green change

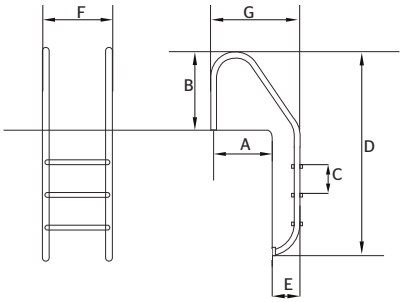
# Pool Access Ladders



## Standard Ladder

Atecpool ladders for residential and commercial swimming pools, made of polished stainless steel (AISI 316 or AISI 304). Handrails in polished stainless steel (Ø42mm) tube. Steps in stainless steel with anti-slip. Complete with anchors and earthing accessories. SS316L available upon request.






| Steps | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm | mm |
| 2 | 410 | 620 | 250 | 1300 | 180 | 500 | 610 |
| 3 | 410 | 620 | 250 | 1550 | 180 | 500 | 610 |
| 4 | 410 | 620 | 250 | 1800 | 180 | 500 | 610 |
| 5 | 410 | 620 | 250 | 2050 | 180 | 500 | 610 |

### Deluxe S.S. 316



| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | (kg) | m³ |
| 2 steps standard | 13003215-5 | 10,0 | 0,07 |
| 3 steps standard | 13003215-6 | 11,8 | 0,08 |
| 4 steps standard | 13003215-7 | 13,2 | 0,08 |
| 5 steps standard | 13003215-8 | 14,0 | 0,10 |

### Deluxe S.S. 304

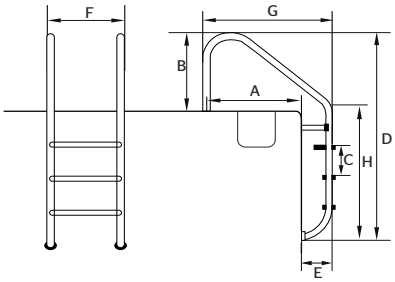


| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 304 | (kg) | m³ |
| 2 steps standard | 13003215-1 | 10,0 | 0,07 |
| 3 steps standard | 13003215-2 | 11,8 | 0,08 |
| 4 steps standard | 13003215-3 | 13,2 | 0,08 |
| 5 steps standard | 13003215-4 | 14,0 | 0,10 |

## Overflow Ladder

Overflow Ladder with 957mm extended fixing. Made of polished stainless steel (AISI 304 or AISI 316). Handrails in polished stainless steel (Ø42mm) tube and steps are in stainless steel with anti-slip. Complete with anchors and earthing accessories. SS316L available upon request.






| Steps | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm | mm | mm |
| 2 | 774 | 620 | 250 | 1335 | 200 | 500 | 957 | 715 |
| 3 | 774 | 620 | 250 | 1585 | 200 | 500 | 957 | 965 |
| 4 | 774 | 620 | 250 | 1835 | 200 | 500 | 957 | 1215 |
| 5 | 774 | 620 | 250 | 2085 | 200 | 500 | 957 | 1465 |

### Deluxe S.S. 316



| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | kg | m³ |
| 2 steps overflow | 13003215-13 | 10,0 | 0,07 |
| 3 steps overflow | 13003215-14 | 12,0 | 0,08 |
| 4 steps overflow | 13003215-15 | 14,0 | 0,08 |
| 5 steps overflow | 13003215-16 | 15,0 | 0,10 |

### Deluxe S.S. 304



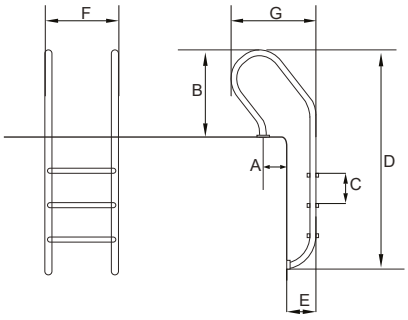
| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 304 | kg | m³ |
| 2 steps overflow | 13003215-9 | 10,0 | 0,07 |
| 3 steps overflow | 13003215-10 | 12,0 | 0,08 |
| 4 steps overflow | 13003215-11 | 14,0 | 0,08 |
| 5 steps overflow | 13003215-12 | 15,0 | 0,10 |

# Pool Access Ladders

## Mixed Ladder

Atecpool Mixed Ladders made of polished stainless steel (AISI 304 or AISI 316), designed for embedded pools. Steps in stainless steel with anti-slip and handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories. SS316L available upon request.






| Steps | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm | mm |
| 2 | 120 | 620 | 250 | 1300 | 180 | 500 | 610 |
| 3 | 120 | 620 | 250 | 1550 | 180 | 500 | 610 |
| 4 | 120 | 620 | 250 | 1800 | 180 | 500 | 610 |
| 5 | 120 | 620 | 250 | 2050 | 180 | 500 | 610 |

### Deluxe S.S. 316



| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | kg | m³ |
| 2 steps mixed | 13003215-21 | 10,0 | 0,07 |
| 3 steps mixed | 13003215-22 | 11,8 | 0,08 |
| 4 steps mixed | 13003215-23 | 13,2 | 0,08 |
| 5 steps mixed | 13003215-24 | 14,0 | 0,10 |

### Deluxe S.S. 304

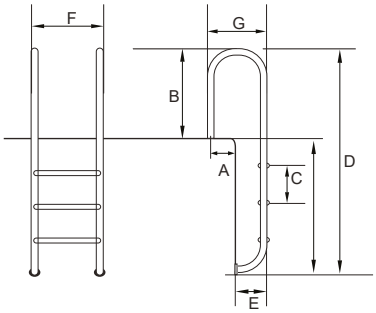


| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 304 | kg | m³ |
| 2 steps mixed | 13003215-17 | 10,0 | 0,07 |
| 3 steps mixed | 13003215-18 | 11,8 | 0,08 |
| 4 steps mixed | 13003215-19 | 13,2 | 0,08 |
| 5 steps mixed | 13003215-20 | 14,0 | 0,10 |

## Muro Ladder

Atecpool Muro Ladders made of polished stainless steel (AISI 304 or AISI 316), designed for embedded pools. Steps in stainless steel with anti-slip. Handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories. SS316L available upon request.






| Steps | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm | mm |
| 2 | 160 | 620 | 250 | 1300 | 180 | 500 | 360 |
| 3 | 160 | 620 | 250 | 1580 | 180 | 500 | 360 |
| 4 | 160 | 620 | 250 | 1830 | 180 | 500 | 360 |
| 5 | 160 | 620 | 250 | 2080 | 180 | 500 | 360 |

### Deluxe S.S. 316



| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | kg | m³ |
| 2 steps muro | 13001200 | 10,0 | 0,07 |
| 3 steps muro | 13001300 | 11,8 | 0,08 |
| 4 steps muro | 13001400 | 13,2 | 0,08 |
| 5 steps muro | 13001500 | 14,0 | 0,10 |

### Deluxe S.S. 304



| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 304 | kg | m³ |
| 2 steps muro | 13001200-1 | 10,0 | 0,07 |
| 3 steps muro | 13001300-1 | 11,8 | 0,08 |
| 4 steps muro | 13001400-1 | 13,2 | 0,08 |
| 5 steps muro | 13001500-1 | 14,0 | 0,10 |

# Pool Access Ladders



## Foldable Ladder

Atecpool Foldable Ladders made of polished stainless steel AISI 316, designed for balcony pools and embedded pools. Steps in stainless steel with anti-slip security and handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories. SS316L available upon request.



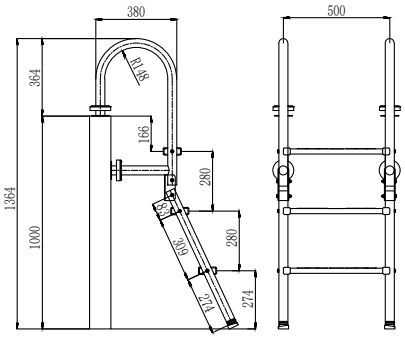
### Deluxe S.S. 316



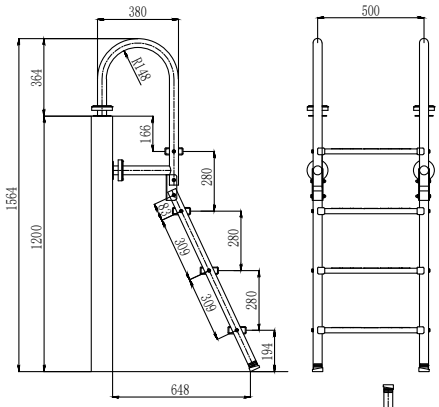
| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | kg | m³ |
| **3 steps foldable** | 13006300 | 16 | 0,08 |
| **4 steps foldable** | 13006400 | 17 | 0,08 |



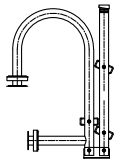
Folded Ladder side view

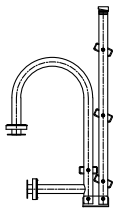



Three Steps Ladder




Four Steps Ladder

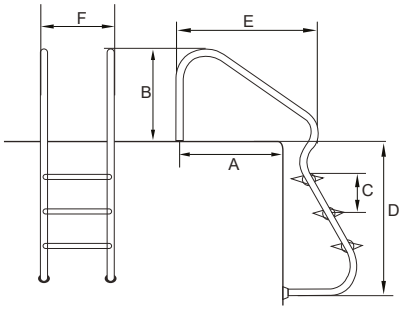




## Easy Access Ladder

Atecpool Easy access ladders made of AISI 316 and are designed with double safety steps and increased height. Steps in stainless steel with anti-slip. Handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories. SS316L available upon request.






| Steps | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm |
| **2** | 490 | 620 | 250 | 1550 | 852 | 500 |
| **3** | 490 | 620 | 250 | 1700 | 852 | 500 |
| **4** | 490 | 620 | 250 | 1950 | 852 | 500 |

### Deluxe S.S. 316 - Double safety



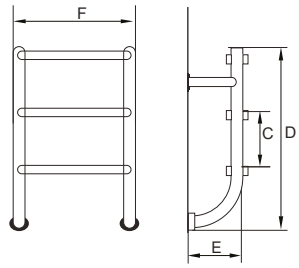
| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | kg | m³ |
| **2 steps easy access** | 13003200 | 15 | 0,07 |
| **3 steps easy access** | 13003300 | 16 | 0,08 |
| **4 steps easy access** | 13003400 | 17 | 0,08 |

# Pool Access Ladders

## Split Ladder - Bottom half

Rails and steps made of polished stainless steel (AISI 316). Steps in stainless steel with anti-slip. Complete with anchors and earthing accessories. Compatible with any exit rails. SS316L available upon request.






Deluxe S.S. 316



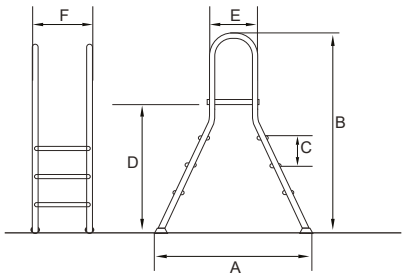
| Steps | C | D | E | F |
|---|---|---|---|---|
| | mm | mm | mm | mm |
| 2 | 250 | 500 | 180 | 500 |
| 3 | 250 | 750 | 180 | 500 |
| 4 | 250 | 1000 | 180 | 500 |
| 5 | 250 | 1250 | 180 | 500 |

| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | kg | m³ |
| 2 steps split | 13001215 | 14,5 | 0,07 |
| 3 steps split | 13001315 | 15,5 | 0,08 |
| 4 steps split | 13001415 | 16,5 | 0,08 |
| 5 steps split | 13001515 | 17,5 | 0,10 |

## Above Ground Ladder with platform

Handrails and steps, made of polished AISI 316 stainless steel with a platform in plastic. Handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories. SS316L available upon request.





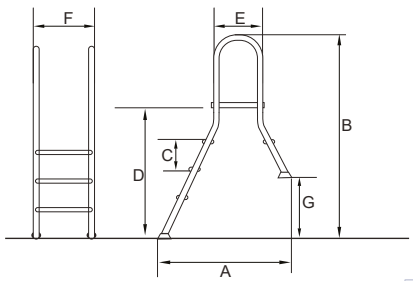

| Steps | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm |
| 4+4 | 1360 | 1920 | 250 | 1270 | 375 | 500 |
| 5+5 | 1570 | 2160 | 250 | 1600 | 375 | 500 |

| | Pool Height | Code | Weight | Volume |
|---|---|---|---|---|
| | | AISI 316 | 19,0 | m³ |
| 3+3 above ground | 1m: (3+3) Steps + platform | 13004300 | 21,0 | 0,07 |
| 4+4 above ground | 1,25m: (4+4) Steps + platform | 13004400 | 23,0 | 0,08 |
| 5+5 above ground | 1,50m: (5+5) Steps + platform | 13004500 | 16,5 | 0,08 |

## Partially in Ground Ladder with platform

Handrails made of polished AISI 316 stainless steel with platform and steps in plastic. Handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories. SS316L available upon request.






| Steps | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| | mm | mm | mm | mm | mm | mm |
| 3+1 | 920 | 1680 | 250 | 1030 | 375 | 500 |
| 4+1 | 1025 | 1920 | 250 | 1270 | 375 | 500 |
| 5+1 | 1130 | 2160 | 250 | 1600 | 375 | 500 |

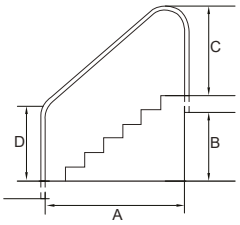
| | Code | Weight | Volume |
|---|---|---|---|
| | AISI 316 | kg | m³ |
| 4+1 partially in ground | 13004415/1 | 21,0 | 0,08 |
| 5+1 partially in ground | 13004515/1 | 23,0 | 0,08 |

# Pool Exit Grab Rails

## Exit Grab Rails Two Bends With Flange

Polished AISI 316 Ø42 mm pipe with two bends for installing in and out of water. Supplied with welded flanges for repair. SS316L available upon request.



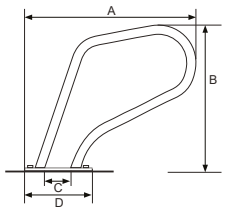



| Code | Length | Steps | Volume | Weight | A | B | C | D |
|---|---|---|---|---|---|---|---|---|
| AISI 316 | m | | m³ | kg | mm | mm | mm | mm |
| **13026006** | 1,2 | 3 | 0,14 | 4,0 | 1200 | 660 | 817 | 752 |
| **13026006-1** | 1,5 | 4 | 0,16 | 4,5 | 1500 | 825 | 817 | 752 |
| **13026006-2** | 1,8 | 5 | 0,25 | 4,9 | 1800 | 990 | 817 | 752 |

## Spa Exit Grab Rail With Flange

Polished AISI 316 Ø42 mm pipe bend for SPA exit access. Supplied with welded flange for fixing outside the water. SS316L available upon request.



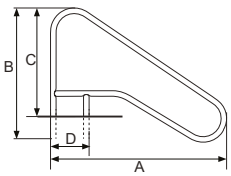



| Code | Volume | Weight | A | B | C | D |
|---|---|---|---|---|---|---|
| AISI 316 | m³ | kg | mm | mm | mm | mm |
| **13026012** | 0,043 | 4,0 | 809 | 567 | 254 | 160 |

## Pool Exit Grab Rail With flange

Polished AISI 316 Ø42 mm pipe bend for pool exit access. Supplied with welded flange for fixing outside the water. 1.35 m length extended for pool exit access and fixing out of the water. SS316L available upon request.

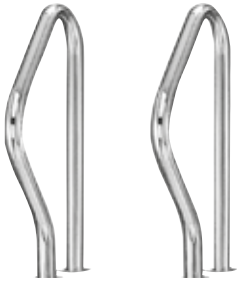


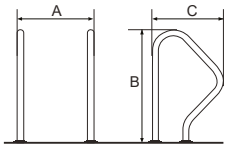



| Code | Volume | Weight | A | B | C | D |
|---|---|---|---|---|---|---|
| AISI 316 | m³ | kg | mm | mm | mm | mm |
| **13026008** | 0,05 | 5,1 | 1350 | 897 | 817 | 203 |

## Two Piece Grab Rail with Flange

Polished AISI 316 Ø42 mm pipe, two piece pool exit grab rail supplied as a pair with welded flanges for fixing. Used as upper half for split ladders. SS316L available upon request.



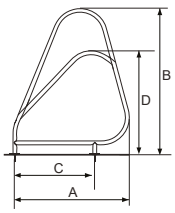



| Code | Volume | Weight | A | B | C |
|---|---|---|---|---|---|
| AISI 316 | m³ | kg | mm | mm | mm |
| **13026011** | 0,08 | 7,0 | 533 | 800 | 260 |

## Two Piece Grab Rail Asymmetrical

Polished AISI 316 Ø42 mm pipe bend for pool exit access. Supplied as pair. Asymmetrical model with welded flanges. SS316L available upon request.



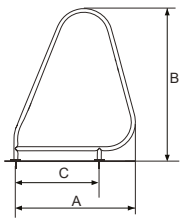



| Code | Volume | Weight | A | B | C | D |
|---|---|---|---|---|---|---|
| AISI 316 | m³ | kg | mm | mm | mm | mm |
| **13026014** | 0,138 | 7,0 | 810 | 1053 | 560 | 758 |

## Two Piece Grab Rail Parallel

Polished AISI 316 Ø42 mm pipe bend for pool exit access. Supplied as a pair. Parallel model with welded flanges. SS316L available upon request.






| Code | Volume | Weight | A | B | C |
|---|---|---|---|---|---|
| AISI 316 | m³ | kg | mm | mm | mm |
| **13026009** | 0,138 | 7,0 | 820 | 984 | 560 |

# Pool Access Ladders

## ACCESSORIES

**SS316L**
AVAILABLE
UPON REQUEST

### Anchor Socket

Made of plastic suitable for Ø42 mm pipe.



| Code | Material | Size | Dimensions | Weight | Unit |
|---|---|---|---|---|---|
| | | mm | cm | kg | |
| **9900100006** | ABS | Ø42 | 18x9x7 | 0,25 | 2 |

### Deluxe Anti-Slip Step AISI 304 and AISI 316



9900100002 / 9900100002-1



9900100003 / 9900100004

| Code | Material | Size | Volume | Weight | Unit |
|---|---|---|---|---|---|
| | | mm | m³ | kg | |
| **9900100002-1** | AISI 304 | 500x86x35 | 0,0015 | 0,6 | 1 |
| **9900100002** | AISI 316 | 500x86x35 | 0,0015 | 0,6 | 1 |
| **9900100003** | AISI 304 | 500x160x35 | 0,0028 | 1,1 | 1 |
| **9900100004** | AISI 316 | 500x160x35 | 0,0028 | 1,1 | 1 |

### Articulated Anchor with Flange

Made of polished stainless steel AISI 316 for Ø42 mm pipe. Supplied with base plate for fixing.



| Code | Material | Size | Dimensions | Weight | Unit |
|---|---|---|---|---|---|
| | | mm | cm | kg | |
| **9900100008** | AISI 316 | Ø42 | 18x16x9 | 1,01 | 1 |

### Anchor with Flange

Made of polished stainless steel AISI 316 for Ø42 mm pipe. Includes gaskets, screws and plugs.



| Code | Material | Size | Dimensions | Weight | Unit |
|---|---|---|---|---|---|
| | | mm | cm | kg | |
| **9900100007** | AISI 316 | Ø42 | 15x15x10 | 0,752 | 2 |

### Rubber Bumber

Made of poly rubber for the stainless steel tube ends, and fixing against pool wall.



| Code | Size | Unit |
|---|---|---|
| | mm | |
| **99001000010** | Ø65 / Ø42 | 30 |

### Articulated Anchor

Made of polished stainless steel AISI 316 for Ø42 mm pipe. Without base plate.



| Code | Material | Size | Dimensions | Weight | Unit |
|---|---|---|---|---|---|
| | | mm | cm | kg | |
| **9900100009** | AISI 316 | Ø42 | 18x16x9 | 1,224 | 2 |

# Pool Handrails

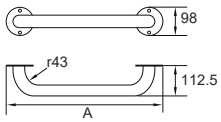
## POOL SURROUND

SS316L
AVAILABLE UPON REQUEST



### Handrails

Stainless steel AISI 316 Ø42 mm pipes. Length range from 0.5 m to 3 m, supplied with welded flange for fixing.






| Code | Length (A) | Volume | Weight |
|---|---|---|---|
| AISI 316 | mm | m³ | Kg |
| **13026001** | 500 | 0,009 | 1,5 |
| **13026002** | 1000 | 0,016 | 2,2 |
| **13026003** | 1500 | 0,023 | 2,8 |
| **13026004** | 2000 | 0,030 | 3,4 |
| **13026005** | 3000 | 0,044 | 4,8 |

### Straight Handrail Tube

Made of AISI 316 stainless steel Ø42 mm pipes. Length range from 1 m to 3 m with open ends.



| Code | Length | Volume | Weight |
|---|---|---|---|
| | mm | m³ | Kg |
| **13026019** | 1000 | 0,001764 | 1,17 |
| **13026020** | 2000 | 0,00353 | 2,34 |
| **13026021** | 3000 | 0,0053 | 3,51 |

### Handrail Tube connector straight

AISI 316 stainless steel for joining Ø42 mm pipes.



| Code | Size | Volume | Weight |
|---|---|---|---|
| | mm | m³ | Kg |
| **13026022** | Ø42 | 0,000353 | 0,16 |

### Handrail Tube connector bend

AISI 316 stainless steel for joining Ø42 mm pipes.



| Code | Size | Volume | Weight |
|---|---|---|---|
| | mm | m³ | Kg |
| **13026023** | Ø42 | 0,00284 | 0,5 |

### Handrail Brackets with base plate

AISI 316 stainless steel brackets for Ø42 mm handrails. Straight bracket with base plate.



| Code | Size | Volume | Weight |
|---|---|---|---|
| | mm | m³ | Kg |
| **13026025** | Ø42 | 0,0005 | 0,18 |

### Bracket closed at one end

AISI 316 stainless steel closed brackets for Ø42 mm handrails.



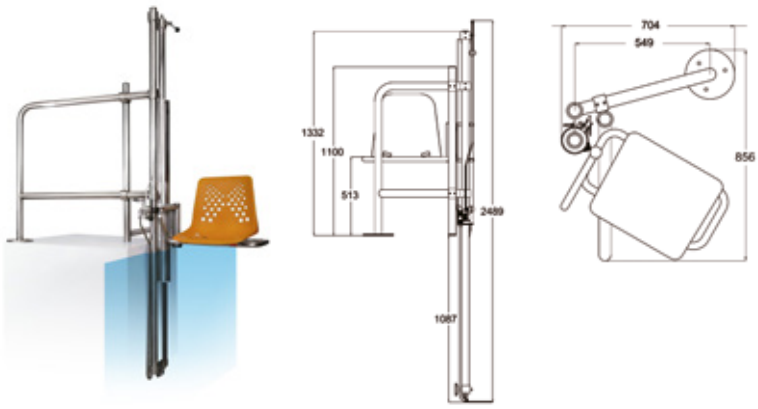
| Code | Size | Volume | Weight |
|---|---|---|---|
| | mm | m³ | Kg |
| **13026026** | Ø42 | 0,0005 | 0,20 |

# Pool Lifts

## HYDRAULIC AND BATTERY OPERATED LIFT

### Hydraulic Pool Lift

Composed of a tubular structure in stainless steel (AISI 316) anchored to the ground by three metallic anchors that hold it and three points of support, two located on the outside of the pool and a third located in the lower part of the elevator that is supported on the wall of the pool. Two control options available for actuation. One located at the top of the guide axis that allows the user to operate it from outside of the water and other in the fastening axis, which allows the user to actuate from inside the pool. Hydraulic lift designed to adapt itself to the majority of the collective swimming pools on the market. Simple fixture (anchors screwed on the pavement and points of support).




### Specifications

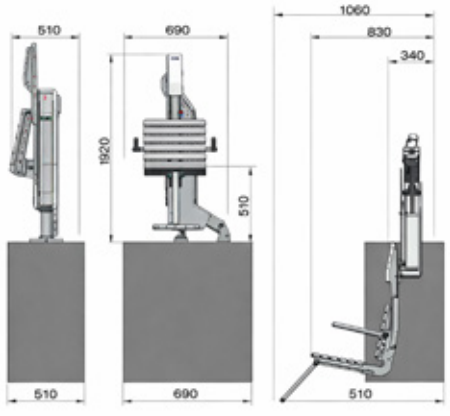
- Maximum lifting capacity: 120 kg
- Rotation angle: 150°
- Structure and piston: AISI 316L
- Tubular structure: Ø48.3 x 2 mm
- Water pressure: > 3 bar
- Seat: Synthetic material suitable for outdoors

| Code | Description | Volume | Weight |
|---|---|---|---|
| | | m³ | kg |
| **11000500** | Hydraulic lift | 0,659 | 40,5 |

### Mightycore 500 Battery Operated Pool Lift

The ease of installation, the reduced overall dimensions, but at the same time the safety and the technical specifications of the material, make Atecpool Mightycore 500 battery operated pool lift the intelligent and responsible choice, given its attractive design, the lifts are installed at a spa, luxury hotels or public swimming pool, is an excellent solution for pool access in complete autonomy. In the tradition of Atecpool's swimming pool lifts, the battery lift is a medical device which complies with the current regulations, perfectly combining safety and practicality.






### Technical Details

- Maximum capacity: 140 kg
- Maximum travel: 1340 mm
- Depth of seat inside the water: 830 mm
- Time of lowering - lifting with weight into water: 45 sec
- Weight of the lift: 60 kg
- Battery: 24 V

### Optional Accessories

- 4-point safety belt
- Protective cover

| Code | Description | Weight |
|---|---|---|
| | | kg |
| **MTY500** | Battery operated lift | 80 |

### Technical Features

- IPX06 mobile push-button panel with spiral cable
- Up-down controls on control box
- Headrest included
- Folding seat to reduce the overall dimensions of the lift
- Removable telescopic leg support
- Adjustable armrests
- 2-point ventral safety belt
- Emergency stop button
- Removable battery for charging
- External battery charger
- Average autonomy: 50 working cycles
- Galvanizing and 180°C powder coating treatment
- Stainless steel frame for in-water parts

# Life Saving
## ACCESSORIES



### Lifebuoy Holder Post

AISI 316 stainless steel base plate with 3 holes. Supplied with gaskets, anchor plugs and screws.



| Code | Size | Weight | Volume |
|---|---|---|---|
| AISI 316 | mm | kg | m³ |
| **001994020** | Ø42 | 2,5 | 0,01 |

### Lifebuoy Ring

Made of styropor material, soft and covered with polyethylene canvas.



| Code | Weight | Volume | Exterior | Interior |
|---|---|---|---|---|
| | kg | m³ | Ø mm | Ø mm |
| **13013690** | 2,0 | 0,06 | 700 | 460 |

### Lifebuoy Ring Holder

Designed to be hung on a wall or fitted on to a lifebuoy holder post.



| Code | Material | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| **00194010** | AISI 304 | 0,7 | 0,09 |

### Lifebuoy Ring Holder

Made of SS316 for holding a lifebuoy ring, to be hung on the wall or on the post.



| Code | Material | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| **00194010-1** | SS316 | 0,4 | 0,09 |

### Lifebuoy Hook

Stainless steel hanger with clip-type connection to telescopic poles.

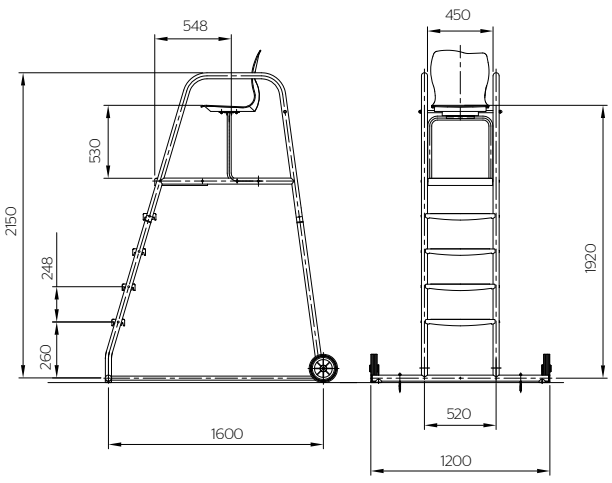


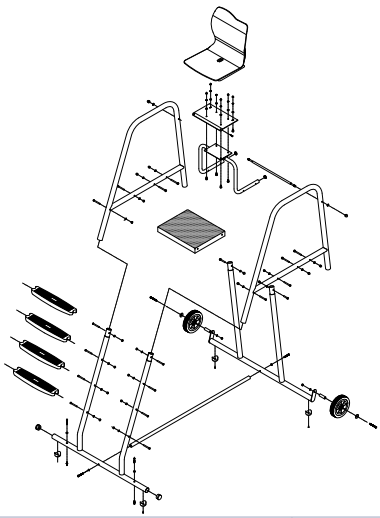
| Code | Material | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| **00194011** | AISI 304 | 1,46 | 0,03 |

### Lifeguard Chair

Made of stainless steel AISI 316, Ø43 mm pipe. Wheeled base with steps, platform and chair made of plastic. Lifeguard Chair equipped with wheel locking mechanism and umbrella slot as optional additions. AISI 316L is also available.





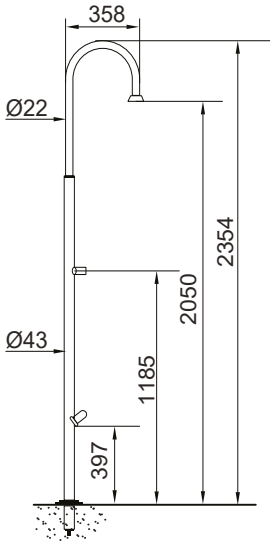



| Code | Material | Weight |
|---|---|---|
| | | kg |
| **13077010-1** | Atecpool Lifeguard Chair in AISI 316, wheel locking, umbrella provision | 1,8 |
| **13077010** | Atecpool Lifeguard Chair in AISI 304 | 1,8 |

# Atecpool Shower and Curtains

## STAINLESS STEEL






### Standard Shower Single Head

Top shower with foot washer.

### Specifications

- Stainless steel tube AISI 304L Ø43 mm
- Shower taps: chrome-plated brass w/ trims
- Feetwasher: taps chrome-plated brass

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00127040 | Standard shower | 5,1 | 0,04 |

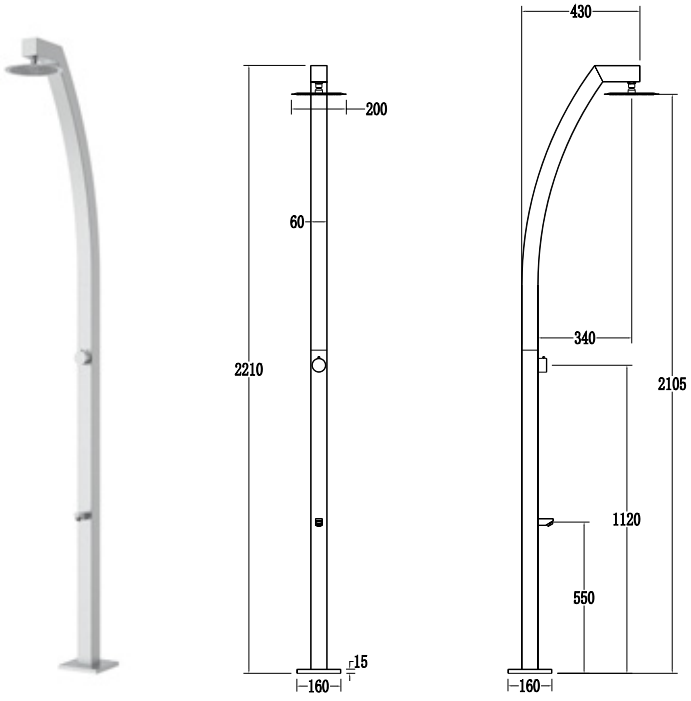
### Elegance shower

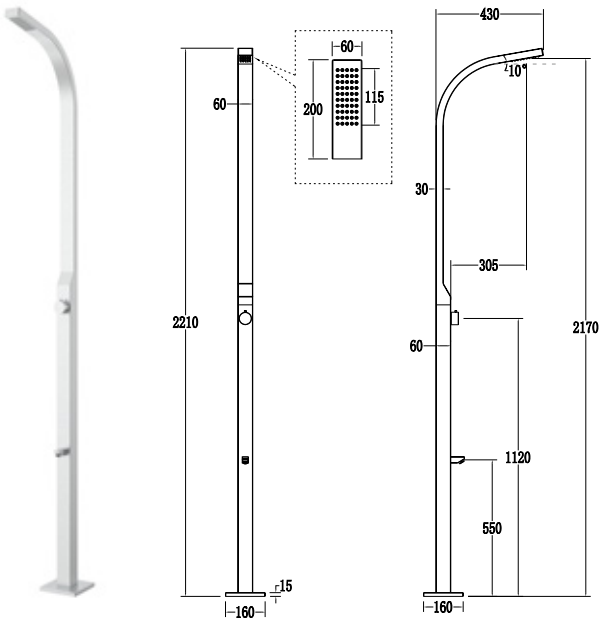
8" top shower and feet washer. Stainless steel brush finish.

### Specifications

- Shower head, shower body, handwheel, pedestal cover, faucet are made of stainless steel 316L.
- Inside parts are made of brass.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00126050 | Elegance shower | 15,0 | 0,05 |




### Nexus Shower

Top shower and feet washer. Stainless steel brush finish.

### Specifications

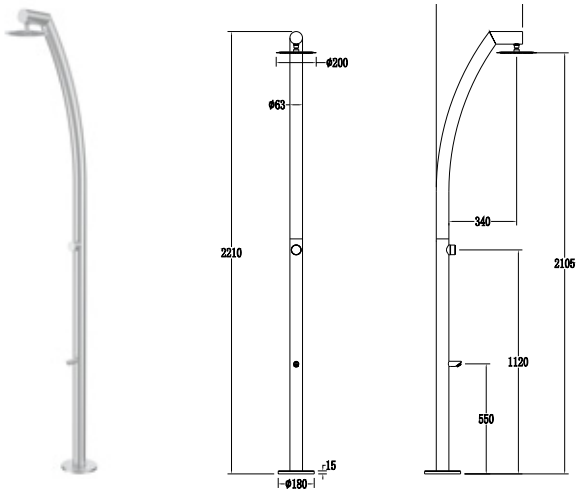
- Shower head, shower body, handwheel, pedestal cover, faucet are made of stainless steel 316L.
- Inside parts are made of brass.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00126046 | Nexus shower | 15,0 | 0,05 |

# Atecpool Shower and Curtains

## STAINLESS STEEL

### Saturn Shower

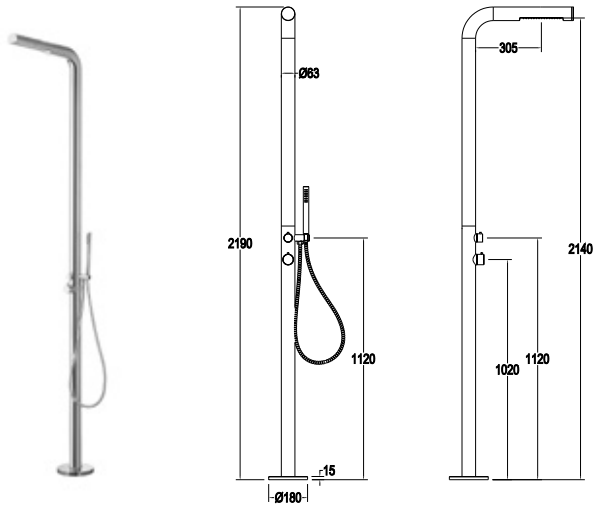



#### Specifications

- Shower head, shower body, handwheel, pedestal cover, faucet are made of stainless steel 316L.
- Inside parts are made of brass.
- Included with 8" top shower and feet washer.
- Surface: Brush finish.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00126039 | Saturn Shower | 16 | 0,05 |

### Neptune Shower

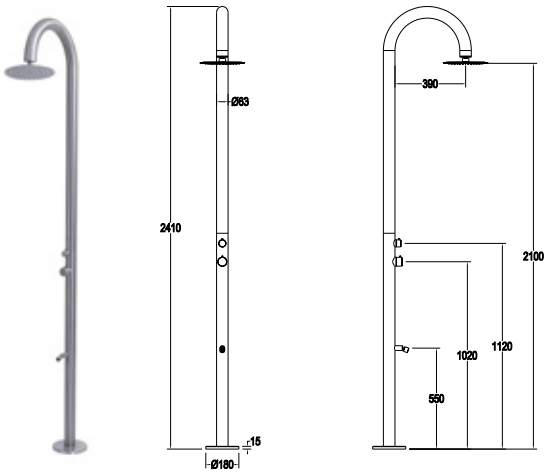



#### Specifications

- Shower head, shower body, handwheel, pedestal cover, faucet are made of stainless steel 316L.
- Inside parts are made of brass.
- Included with top shower and handy shower.
- Surface: Brush finish.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00126047 | Neptune Shower | 16 | 0,05 |

### Vito Shower

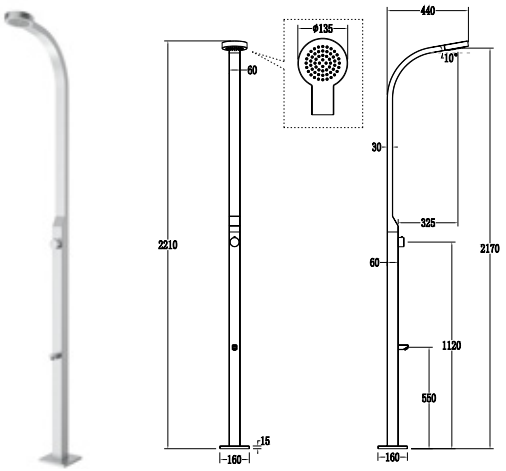



#### Specifications

- Shower head, shower body, handwheel, pedestal cover, faucet are made of stainless steel 316L.
- Inside parts are made of brass.
- Included with top shower and feet washer.
- Surface: Brush finish.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00126049 | Vito Shower | 16 | 0,05 |

### Vice Shower




#### Specifications

- Shower head, shower body, handwheel, pedestal cover, faucet are made of stainless steel 316L.
- Inside parts are made of brass.
- Included with Ø135 top shower and feet washer.
- Surface: Brush finish.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00126044 | Vice Shower | 15 | 0,05 |

# Ornamental Water Features

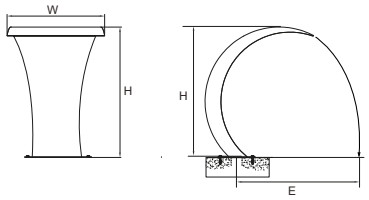
## WATER CURTAINS

Special stainless steel ornamental pool features designed and engineered by Atecpool with excellence and high precision. Made of AISI 316 stainless steel for massage and relaxation with the best aesthetic looks. Available in matte or mirror polished finish. Selection of pump based on the flow mentioned. Anchor included.

- Water curtain w/ 400mm width - connection size 1.5"
- Water curtain w/ 500/600mm width - connection size 2"

### Water Curtain Bali

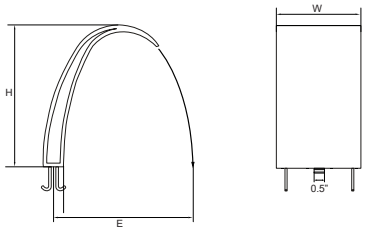





| Code | Flow | Height | Width | Distance |
|---|---|---|---|---|
| AISI 316 | m³/h | H (mm) | W (mm) | E (mm) |
| **0124040** | 16 | 400 | 400 | 420 |
| **0125050** | 18 | 500 | 500 | 440 |
| **0126060** | 21 | 600 | 600 | 550 |
| **0126070** | 21 | 700 | 600 | 630 |
| **0126080** | 21 | 800 | 600 | 840 |
| **0126090** | 21 | 900 | 600 | 880 |
| **01260100** | 21 | 1000 | 600 | 910 |
| **01260120** | 21 | 1200 | 600 | 970 |
| **01260140** | 21 | 1400 | 600 | 1030 |

### Water Curtain Classy

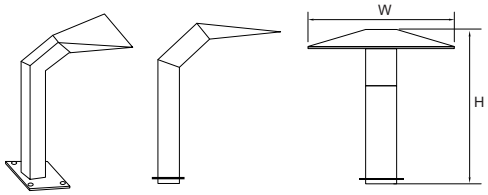





| Code | Flow | Height | Width | Distance |
|---|---|---|---|---|
| AISI 316 | (m³/h) | H (mm) | W (mm) | E (mm) |
| **0176060** | 21 | 600 | 600 | 560 |
| **0176070** | 21 | 700 | 600 | 680 |
| **0176080** | 21 | 800 | 600 | 840 |
| **0176090** | 21 | 900 | 600 | 990 |
| **01760100** | 21 | 1000 | 600 | 1210 |
| **01760120** | 21 | 1200 | 600 | 1400 |
| **01760140** | 21 | 1400 | 600 | 1580 |

### Water Curtain Straight






| Code | Flow | Height | Width |
|---|---|---|---|
| AISI 316 | (m³/h) | H (mm) | W (mm) |
| **0186060** | 18 | 600 | 500 |
| **0186070** | 18 | 700 | 500 |
| **0186080** | 18 | 800 | 500 |
| **0186090** | 21 | 900 | 600 |
| **01860100** | 21 | 1000 | 600 |
| **01860120** | 21 | 1200 | 600 |

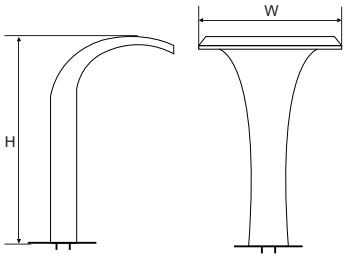
# Ornamental Water Features

## WATER CURTAINS

### Water Curtain Eco

Made of AISI 316 stainless steel for massage and relaxation with the best aesthetic looks. Available in mat or mirror polished finish. Selection of pump based on the flow mentioned. Connection 2". Anchor Included.



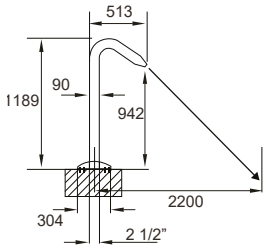



| Code | Flow | Height | Width |
|---|---|---|---|
| AISI 316 | (m³/h) | H (mm) | W (mm) |
| **0136080** | 21 | 800 | 600 |
| **0136090** | 21 | 900 | 600 |
| **01360100** | 21 | 1000 | 600 |
| **01360120** | 21 | 1200 | 600 |
| **01360140** | 21 | 1400 | 600 |

### Cannon Jet Capri

Made of AISI 316 stainless steel with circular nozzle-type mouth for maximum pressure. Anchor included.



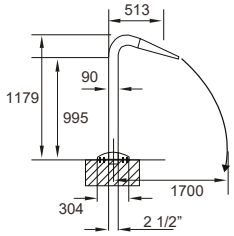



| Code | Flow | Weight | Volume |
|---|---|---|---|
| AISI 316 | m³/h | kg | m³ |
| **14200029** | 20 | 0,8 | 0,005 |

### Cannon Jet Capri Flat

Made of AISI 316 stainless steel with flat mouth, anchor included.






| Code | Flow | Weight | Volume |
|---|---|---|---|
| AISI 316 | m³/h | kg | m³ |
| **14200030** | 22 | 0,8 | 0,005 |

### Anchor for Water Curtain

Made of AISI 316 stainless steel with two connections (1.5" and 2") for Water Curtains.



| Code | Connection | Weight | Water Curtain Width |
|---|---|---|---|
| AISI 316 | inch | kg | mm |
| **1420020-1** | 1,5 | 4,25 | 400 |
| **1420020-2** | 2 | 4,75 | 500 / 600 |

### Circular Anchor

Circular Anchor in AISI 316 stainless steel. Female connection 2.5".



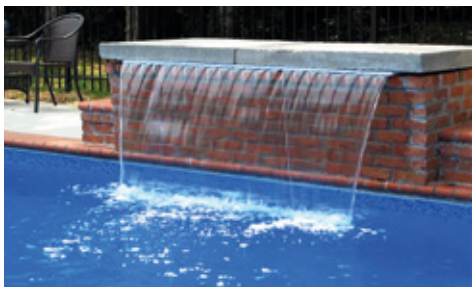
| Code | Connection | Weight | Volume |
|---|---|---|---|
| | inch | kg | m³ |
| **14200028** | 2,5 | 3,25 | 0,018 |

# Ornamental Water Feature

## LED WATERFALL

### LED Waterfall features

Atecpool waterfall collection is an elegant addition to your new or remodeled pool or spa. The LED Strip is built into the unit (instead of using external fiber optics), placing the light as close to the water as possible.

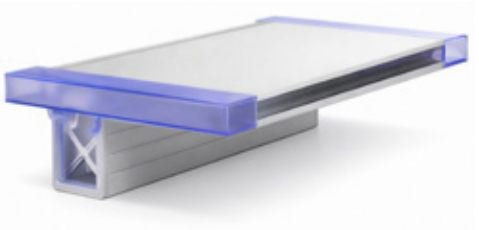


### Waterfall features

- Variety of LED light colors
- Length available from 12" to 96"
- Automatic timer shut-off
- Adjustable brightness
- Rear port inlet
- Heavy-duty PVC construction

### Technical Guide

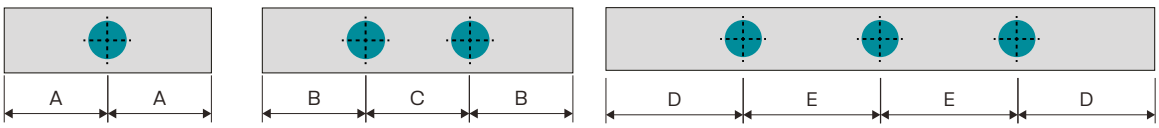
- 12 volt DC
- 1.5" spigot plumbing
- 1.25 GPM per inch recommended



### Technical Data

| Model | Description | Width | Length | LED Strip length | Inlet port | Recommended Water flow |
|---|---|---|---|---|---|---|
| | | W | L | mm | | m³/h |
| **4600-1206** | 12" LED Waterfall with 6" LIP | 8,44" | 15,98" | 600 | Rear | 2,7 |
| **4600-1806** | 18" LED Waterfall with 6" LIP | 8,44" | 21,89" | 750 | Rear | 4,0 |
| **4600-2406** | 24" LED Waterfall with 6" LIP | 8,44" | 27,8" | 900 | Rear | 5,5 |
| **4600-3606** | 36" LED Waterfall with 6" LIP | 8,44" | 39,61" | 1200 | Rear | 8,2 |
| **4600-4806** | 48" LED Waterfall with 6" LIP | 8,44" | 51,42" | 1500 | Rear | 10,9 |
| **4600-6006** | 60" LED Waterfall with 6" LIP | 8,44" | 63,23" | 1800 | Rear | 13,6 |
| **4600-7206** | 72" LED Waterfall with 6" LIP | 8,44" | 75,04" | 2100 | Rear | 16,3 |
| **4600-8406** | 84" LED Waterfall with 6" LIP | 8,44" | 86,85" | 2400 | Rear | 19 |
| **4600-9606** | 96" LED Waterfall with 6" LIP | 8,44" | 98,66" | 2700 | Rear | 21,8 |

### Inlet Spacing Data




12" TO 36" LONG

- 12" Waterfalls A=161.13mm
- 18" Waterfalls A=235.74mm
- 24" Waterfalls A=309.56mm

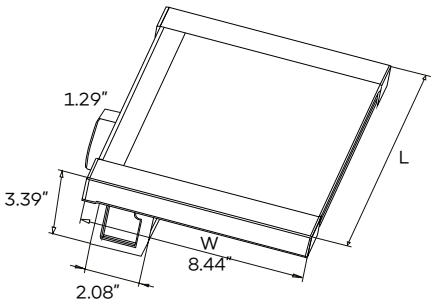
48" TO 72" LONG

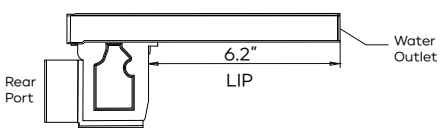
- 36" Waterfalls A= 460.38 mm
- 48" Waterfalls B=382.59 mm,C=468.31 mm
- 60" Waterfalls B=463.55 mm,C=592.93 mm

OVER 72" LONG

- 72" Waterfalls B=504.03 mm, C=811.21 mm
- 84" Waterfalls D=457.99 mm, E=600.08 mm
- 96" Waterfalls D=507.21 mm, E=700.09 mm

### Dimensions




### Every LED waterfall includes



1 Waterfall Unit




1 Rock Trap




100' of 12 Volt Cord



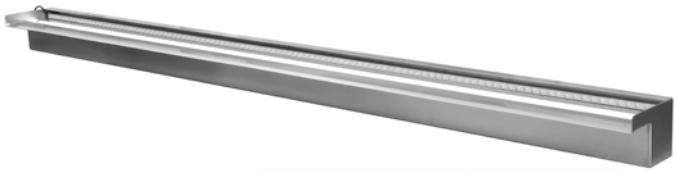

To be purchased separately

# Ornamental Water Feature

## STAINLESS STEEL WATERFALLS

### Stainless Steel Waterfalls

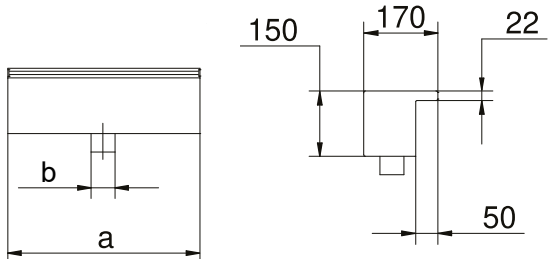
Stainless steel AISI 316 sheer descent creating stunning water blades. Can be installed indoor or outdoor. Stainless steel waterfalls are easy to install, durable and custom made. Either recessed into the wall or protruded outside. Stainless steel water blades creates water curtain effects, optional with brilliant LED colour changing.





### Waterfall AISI 316

AISI 316 stainless steel. Available in three widths: 300 mm, 600 mm and 900mm. Water supply through the return circuit of the pool filter or through dedicated pump.

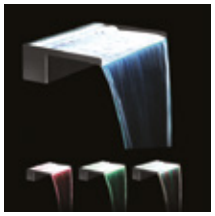



| Code | Width a | Connection b | Flow Rate |
|---|---|---|---|
| | (mm) | (inches) | (m³/h) |
| 14200023 | 300 | 1,5" | 18-22 |
| 14200024 | 600 | 2" | 36-40 |
| 14200025 | 900 | 3" | 55-65 |

### Optional LED Light Installation on Stainless Steel Weirs

- Install the LED light strip into the channel at rear of the weir with LED's facing towards the front.
- Secure the LED strip with the metal tabs on the channel.
- Connect power cable of the LED light strip to transformer supplied along with.







# Color Wheel LED Waterfall Control

### LED Waterfalls Control and Accessories

### ColorWheel LED Waterfall Control

**Fully Programmable Controller**
Use the remote control to save and recall your favourite colors and shows at any point in time.

**Total Dimming and Color Control**
Select any custom color in the rainbow wheel, Control color changing speed and set custom brightness with dimming controls all with the help of the touch sensitive colour wheel remote.





### Features

- Programmable lighting control.
- Total control of LED colours.
- Control Brightness, cycle and colours.
- Remote with touch-sensitive colour control wheel.
- Program and save settings.
- Up to 27.5 m depending on installation.

| Code | Description |
|---|---|
| | |
| 5600-RC | Colour wheel Remote for LED waterfall |
| 5600-PS | 150W - 12V DC Power Supply for LED waterfall |
| 5600-CT | Controller for LED waterfall |
| 5600-BX | Plastic Power Supply Box |

# Ornamental Water Features

## MUSHROOM UMBRELLA

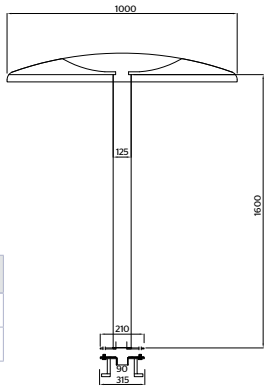


### Mushroom Umbrella water feature

Base of umbrella made in AISI 316 and top canopy in polyester fiberglass with a polished finish (colour selection of top canopy upon choice). Mushroom water feature made of two parts: the base and the canopy. The base height will be determined by the diameter of the canopy. Our standard model base and canopy as given, special size upon request.

### Specifications

- Anchor included
- Connection female 2 ½"
- Water flow: 34 m³/h
- Recommended pump: 2,2 kW




| Code | Description | Weight |
|---|---|---|
| | | kg |
| 012997 | Mushroom Waterfall w/ canopy polyester | 40 |

### Atecpool Poolside Lounger

Modern ergonomic sun lounger featuring an integrated headrest, ideal for high-end residential and commercial outdoor spaces. Constructed from Anti-UV ABS material to ensure durability and long-term exposure to sun and moisture.



### Technical Specifications

| | |
|---|---|
| **Material** | Anti-UV ABS |
| **Color** | Matte White |
| **Dimensions (LxWxH)** | 1850x720x620mm |
| **Weight** | 53 kg |

### Poolside Lounger Features

- Integrated headrest for enhanced comfort
- Ergonomically contoured for optimal body support
- Heavy-duty construction for superior stability
- Weatherproof and waterproof – suitable for outdoor environments
- UV-resistant to prevent fading and cracking
- Non-slip base for secure placement on any surface



| Code | Description |
|---|---|
| | |
| 8800-04 | Atecpool Poolside Lounger |

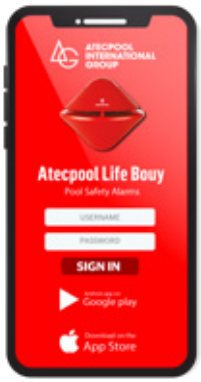
# Atecpool Pool Alarm

## POOL SECURITY





WI-FI CONNECTION




### Atecpool Pool Alarm

Integrates intelligence, versatility, and functionality into a top-notch pool safety solution. Based on advanced sensors and complex algorithm, pool alarm provides maximum protection for children and pets with minimum user effort. Highly sophisticated yet simple to operate, the system can be installed and operated in a matter of minutes.

amazon alexa  Google Assistant

## Highlights

- Up to 4 pool units can be connected to one home unit.
- 85dB alarm at 10 feet.
- Connects to Alexa and Google Assistant.
- Smartphone connectivity to fully control the system.
- Advanced algorithm prevents false alerts.
- Portable so you can take it with you.
- One pack includes: Pool alarm and Panel.

| Code | Description |
|---|---|
| | |
| ATEC ALARM 090 | Atecpool Pool Alarm Life Bouy |

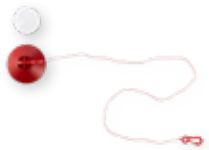
## Features

- 5 sensitivity levels ensure that an alarm is triggered only when a large enough object enters or falls into the pool.
- LED lights on both the pool unit and home unit provide an extra measure of visibility.
- Swim mode prevents the alarm from sounding when the pool is in use.
- Made of highly durable materials for maximum reliability.
- Alarm reactivates automatically several minutes after the pool has been vacated.

## Atecpool Pool Alarm Overview




## Atecpool Pool Alarm Kit

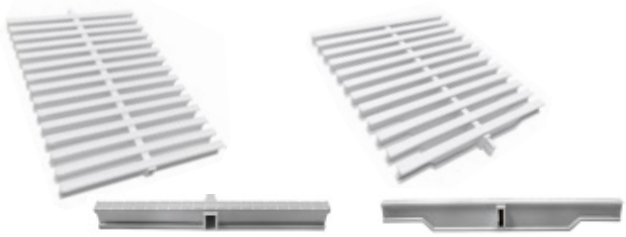
| Image Reference | Item | Quantity |
|---|---|---|
| | | |
|  | Pool Unit | 1 |
|  | Home Unit | 1 |
|  | Attachment Kit | 1 |
|  | Type C USB Cable | 1 |
|  | Quick Start Guide | 1 |

**When Pool Alarm is triggered**
**a.** The Home Unit and Pool Unit sound an alarm. The LED's blink red.
**b.** Mobile application displays a notification.

# Overflow Channel Grating

## Overflow Grating

Made of UV-protected high grade PP. 45 units in single linear meter. standard color - White, any color can be custom made upon request. Available in 3 different heights - 22 mm, 24 mm and 30 mm.



| Code | Height | Width | Std. Packing |
|---|---|---|---|
| | mm | mm | linear meter |
| 01593718 | 22 (end cut type) | 195 | 10 |
| 01593725 | 22 (end cut type) | 245 | 10 |
| 01593730 | 24 (end cut type) | 300 | 10 |
| 01593735 | 24 | 195 | 10 |
| 01593740 | 24 | 245 | 10 |
| 01593745 | 24 | 300 | 10 |
| 01593747 | 30 | 195 | 10 |
| 01593748 | 30 | 245 | 10 |

## Double Link Overflow Grating

Made of UV- protected high grade PP with double links fastened together by cable. 45 units in single linear meter. Standard color is white, any color can be custom made upon request. Available in 24 mm height.



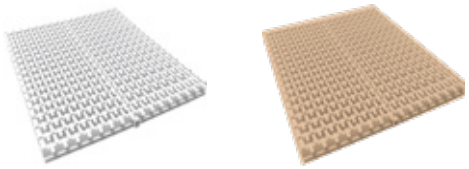
| Code | Height | Width | Std. Packing |
|---|---|---|---|
| | mm | mm | linear meter |
| 01593650 | 24 | 195 | 10 |
| 01593655 | 24 | 245 | 10 |
| 01593658 | 24 | 295 | 10 |



ABS gratings are available in a variety of color options to suit diverse design and application needs.

## Anti-Spill Grating

Made of UV- protected ABS. 45 units in single linear meter. Standard color - white, any color can be custom made upon request. Anti spill design avoids water spilling on to the deck area. Available in 30 mm height. Color variations upon request.



| Code | Height | Width | Std. Packing |
|---|---|---|---|
| | mm | mm | linear meter |
| 01593618 | 30 | 195 | 10 |
| 01593625 | 30 | 245 | 10 |
| 01593630 | 30 | 295 | 10 |
| 01593635 | 30 | 335 | 10 |

## Stainless Steel Channel Grating

Made of AISI 316 stainless steel as straight sections for overflow channels. Available in standard 1000mm Length and 25mm Height. Custom made length upon request to fit the length of the pool. Three different widths available - 150, 200 and 250mm.



| Code | Width | Width | Std. Packing |
|---|---|---|---|
| | mm | mm | linear meter |
| 01593888 | 150 | 1000 | 1 |
| 01593898 | 200 | 1000 | 1 |
| 01593889 | 250 | 1000 | 1 |

## Grating Support Profile

Grating Profile made of PP with internal dimensions 24 mm x 22 mm. Supplied in 2 m lengths. Suitable for 22 and 24 mm height grating. Color choice possible upon request.



| Code | Size | Std. Packing |
|---|---|---|
| | internal mm | Linear meter |
| 01593777 | 24 x 22 | 24 |

## 45° Corner Tiles

For overflow channels. Made of UV- protected high grade PP. Height - 24 mm



| Code | Height | Width | Unit |
|---|---|---|---|
| | mm | mm | |
| 01596195 | 24 | 200 | 1 |
| 01596245 | 24 | 250 | 1 |
| 01596295 | 24 | 295 | 1 |

## 90° Corner Tiles

For overflow channels. Made of UV- protected high grade PP. Height - 24mm



| Code | Height | Width | Unit |
|---|---|---|---|
| | mm | mm | |
| 01596195-1 | 24 | 200 | 1 |
| 01596245-1 | 24 | 250 | 1 |
| 01596295-1 | 24 | 295 | 1 |

# Pool Lining

## 3D REINFORCED MEMBRANES

Be BRANE

### BWT BE BRANE - 3D SURFACE

PRO EXCLUSIVE

+ PRODUCT

- Comprised of a reinforcing mesh sandwiched between two PVC membranes.
- Textured surface.
- Long guarantees resulting from the quality of the manufacturing process.






Black Reef



Urban Grey



Flagstone Jade



Emerald Stone



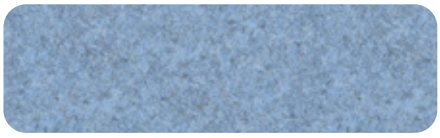
Flagstone Brown



Sunlit Quartz



Flagstone Sunlit



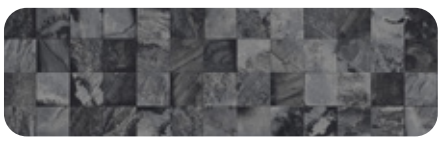
Midnight Blue



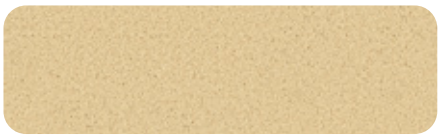
Tropical Jade



Beach Sand



Mosaic Grey



Tuscan Sun

# Pool Lining

## 3D REINFORCED MEMBRANES

Be BRANE

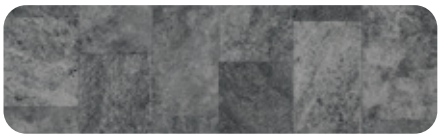


**Natural Green**



**Coral Reef Sand**

BWT EXCLUSIVE



**Natural Grey**



**Coral Reef Grey**

BWT EXCLUSIVE

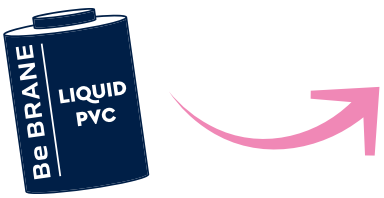
BWT Be BRANE - 3D Surface | Family 6530 PRO EXCLUSIVE

Width 1.65 m: delivered in 25 m rolls (41.25 m²), pallet of 8 rolls (330 m²).

| Code | Description | |
|---|---|---|
| 125694377 | Be BRANE 3D Surface - Black Reef | le m² |
| 125694384 | Be BRANE 3D Surface - Flagstone Jade | le m² |
| 125694383 | Be BRANE 3D Surface - Flagstone Brown | le m² |
| 125694385 | Be BRANE 3D Surface - Flagstone Sunlit | le m² |
| 125694387 | Be BRANE 3D Surface - Tropical Jade | le m² |
| 125694388 | Be BRANE 3D Surface - Mosaic Grey | le m² |
| 125694380 | Be BRANE 3D Surface - Urban Grey | le m² |
| 125694382 | Be BRANE 3D Surface - Emerald Stone | le m² |
| 125694386 | Be BRANE 3D Surface - Sunlit Quartz | le m² |
| 125694381 | Be BRANE 3D Surface - Midnight Blue | le m² |
| 125694379 | Be BRANE 3D Surface - Beach Sand | le m² |
| 125694378 | Be BRANE 3D Surface - Tuscan Sun | le m² |
| 125666746 | Be BRANE 3D Surface - Natural Grey | le m² |
| 125666747 | Be BRANE 3D Surface - Natural Green | le m² |
| 125666749 | Be BRANE 3D Surface - Coral Reef Sand BWT EXCLUSIVE | le m² |
| 125666748 | Be BRANE 3D Surface - Coral Reef Grey BWT EXCLUSIVE | le m² |

A pallet of BWT Be Brane membrane may be loaded with 8 differently patterned rolls (black slate, golden riviera, etc.), roll width must be identical.

Innovation BY BWT



# Pool Lining

## 3D REINFORCED MEMBRANES

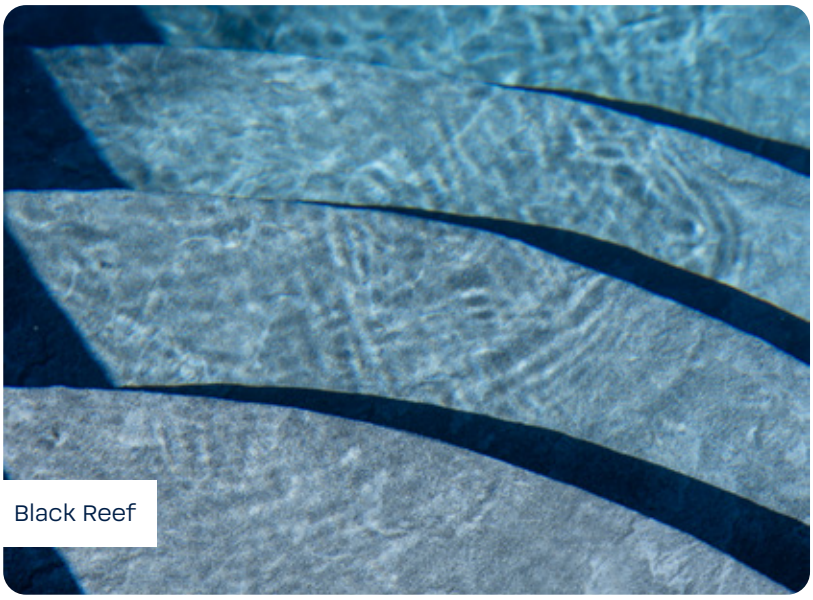
Be BRANE

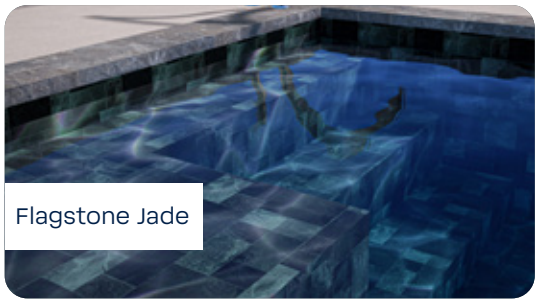
### Liquid PVC BWT Be BRANE — Family 6530 — PRO EXCLUSIVE

| Code | Description |
|---|---|
| 125627698 | Liquid PVC Be BRANE Black Reef & Flagstone Brown 1L |
| 125627713 | Liquid PVC Be BRANE Flagstone Jade / 1L |
| 125627716 | Liquid PVC Be BRANE Flagstone Sunlit / 1L |
| 125627706 | Liquid PVC Be BRANE Urban Grey & Natural Grey & Coral Reef Grey / 1L |
| 125627710 | Liquid PVC Be BRANE Emerald Stone & Natural Green / 1L |
| 125627708 | Liquid PVC Be BRANE Midnight Blue / 1L |
| 125627704 | Liquid PVC Be BRANE Beach Sand & Coral Reef Sand / 1L |
| 125627700 | Liquid PVC Be BRANE Tuscan Sun / 1L |
| 125627721 | Liquid PVC Be BRANE Sandy Bali & Sunlit Quartz / 1L |

### Liquid PVC BWT PF4000 — Family 6530 — PRO EXCLUSIVE

| Code | Description | |
|---|---|---|
| 1925010 | Liquid PVC PF4000 - Transparent | 1 L pot |


Black Reef


Flagstone Jade


Flagstone Brown

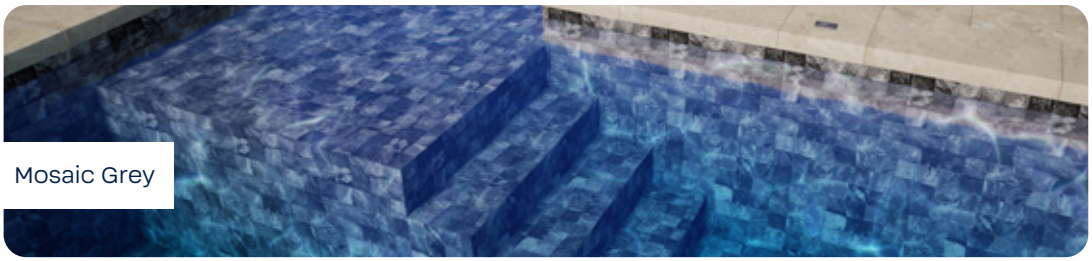

Flagstone Sunlit


Tropical Jade

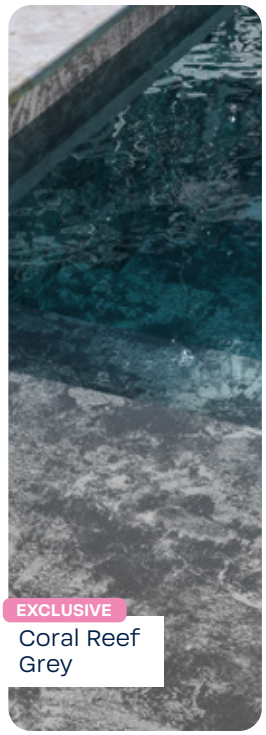
# Pool Lining

## 3D REINFORCED MEMBRANES

Be BRANE



Mosaic Grey



EXCLUSIVE

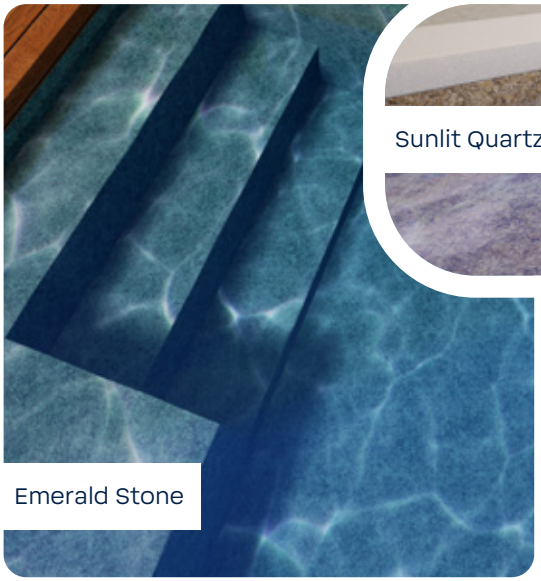
Coral Reef Grey



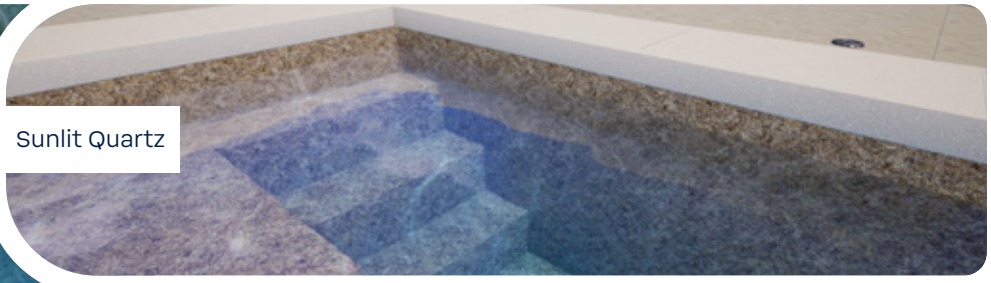
Imperial Sand



Urban Grey



Emerald Stone



Sunlit Quartz



EXCLUSIVE

Coral Reef Sand



Midnight Blue



Tuscan Sun



Beach Sand

# Pool Lining

## ACCESSORIES FOR REINFORCED MEMBRANES

Liner Locking Track | Family 6450

| | Description | | Code | Code |
|---|---|---|---|---|
| | **Hung liner track, width 50 mm** | | **PVC** | **alu** |
|  | Hung liner track; straight, 50 mm, length 2 m | per m | 1820100 | 1820400 |
| | **Free-form Hung liner track** | | **PVC** | **alu** |
|  | Hung liner track, 50 mm, free form, length 2 m | per m | 1820300 | - |
| | **Corner piece, diameter 30 cm, width 50 mm** | | **PVC** | **alu** |
|  | Hung liner track, 50 mm (corner piece) for R15 | | 1820200 | 1820500 |
| | **Hung sub-coping liner track** | | **PVC** | **alu** |
| | Hung liner track, sub-coping, length 2 m | per m | 1820700 | 1822400 |
| | **Free form Hung sub-coping liner track** | | **PVC** | **alu** |
|  | Hung vertical sub-coping liner track, free form, length 2 m | per m | - | 1822600 |
| | **Free form Hung sub-coping liner track, corner piece** | | **PVC** | **alu** |
|  | Hung vertical sub-coping liner track, free form, corner piece | | - | 1822500 |
| | **Hung liner track with front hook, width 90 mm** | | **PVC** | **alu** |
|  | Hung liner track, 90 mm, with front hook, length 2 m | per m | 1820150 | 1820450 |
| | **Hung liner track with rear hook, sealed in concrete, 100 mm** | | **PVC** | **alu** |
|  | Hung liner track with rear hook, width 100 mm, length 2 m | per ml | 3350200 | 3350500 |
| | **Corner piece, diameter 30 cm, width 100 mm with rear hook** | | **PVC** | **alu** |
|  | Corner piece for straight Hung liner track, width 100 mm with rear hook | | - | 30309000 |
| | **Corner piece, 10 cm cut away, width 100 mm with rear hook** | | **PVC** | **alu** |
|  | Corner piece, 10 cm cut away, width 100 mm, with rear hook | | 3350400 | 3350700 |



### Hung liner track aluminium sub-coping

- Thickness 2 mm for greater rigidity
- Guide groove to facilitate centering and drilling
- The upper tab holds linerlock retaining strip in position
- Small footprint, 14.8 mm

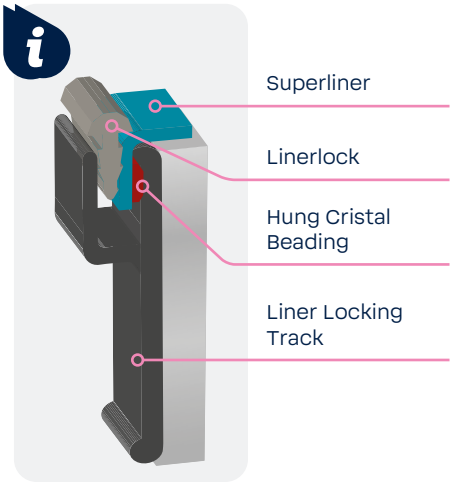
# Pool Lining

## ACCESSORIES FOR REINFORCED MEMBRANES

**Linerlock Hung Liner Locking Track** Family 6450








### Linerlock Hung, 17 mm:

This retaining strip features a section that can be positioned to cover either the coping joint or the membrane weld.

### Linerlock Hung, 6 mm:

This strip is mainly used to retain the membrane in the Hung liner track. It is also compatible with the Ceramica System.

| | Description | | Code | Code |
|---|---|---|---|---|
| | | | 17 mm | 6 mm |
| White | Linerlock Hung | per 50 m | 1820920 | 1820950 |
| Light blue | Linerlock Hung | per 50 m | 1820921 | 1820951 |
| Grey blue | Linerlock Hung | per 50 m | 1820930 | 1820960 |
| Dark blue | Linerlock Hung | per 50 m | 1820922 | 1820952 |
| Sand | Linerlock Hung | per 50 m | 1820925 | 1820955 |
| Grey | Linerlock Hung | per 50 m | 1820928 | 1820958 |
| Anthracite grey | Linerlock Hung | per 50 m | 1820926 | 1820956 |
| Black | Linerlock Hung # | per 50 m | 1820929 | 1820959 |

# General information

### Guarantee:

Superliner V2F and Aqualiner liners are delivered with detailed guarantee conditions and operating instructions specific to each product.

The guarantees are also indicated by means of pictograms on the previous pages.

The guarantee conditions and instructions for use concerning Superliner V2F 0.85 mm liners and Aqualiner are also available on our Internet site.

### Delivery :

All the Superliner V2F 0.85 mm and Aqualiner 0.75 mm liners are delivered:

- In a protective carrying sack, that protects the liner during transport and handling,
- With a sachet of 16 wooden half pegs, to facilitate fitting of the liner.



### Felt underlay:

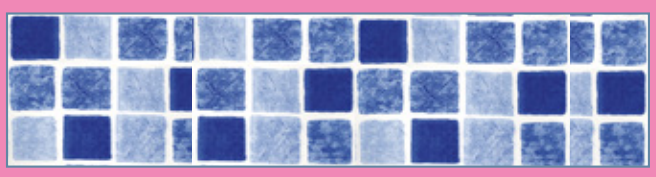
In the event that the pool is fitted with underlay, the French standard AFNOR NF T 54 802 stipulates that:



- The underlay (Biotex) must be impregnated with a biocide
- The glue used (Biocol) to lay the underlay must be a vinyl glue treated with a biocide
- Fixing of the underlay with coloured adhesive tape is strictly prohibited.

### Pattern continuity:

In the case of patterned liners, or liners with a tile band, featuring a repeating pattern, the French standard AFNOR NF T 54 802 states that it is impossible to guarantee the continuity of the pattern. See the examples below.



Dark colours (notably black) are more susceptible to high concentrations of oxidising agents.

# Pool Lining

## ACCESSORIES FOR REINFORCED MEMBRANES

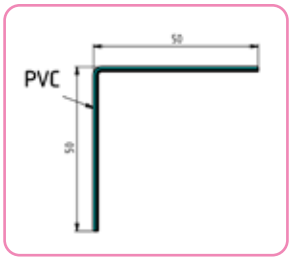
Accessories | Family 6460

| | | | |
|---|---|---|---|
| | | **Rivets and colaminated sheets** | |
| | 1825110 | Extruded strip expansion rivet | box of 100, per rivet |
| | | Extruded strip expansion rivet | In 10 boxes of 100, per rivet |
| 1 | 7690260 | Stainless steel bushing A2, 5x30 mm | Box of 300, per box |
| | 1826100 | Colaminated PVC sheet, 2 x 1 m | le m² |
| 2 | 1826200 | Internal corner 50x50 mm ,2 m length | 6 lengths, per unit |
| 3 | 1826210 | Internal corner 70x30 mm, 2 m length | 6 lengths, per unit |
| 4 | 1826300 | External corner 50x50 mm, 2 m length | 6 lengths, per unit |
| 5 | 1826400 | Connecting strip 50x10 mm, 2 m length | 6 lengths, per unit |
| 6 | 1826410 | Connecting strip 90x10 mm, 2 m length | 6 lengths, per unit |
| 7 | 1826500 | Connecting strip, flat, 50 mm, 2 m length | 6 lengths, per unit |
| 8 | 1826900 | Renolit Alkorplus straight PVC profile, 50mm wide 2 m long | 10 lengths, per unit |
| 9 | 1826945 | Renolit Alkorplus 90° PVC profile, 45 x 45 mm, 2 m long | 10 lengths, per unit |
| | | **Solvent, glue and underlay** | |
| | 1823150 | THF solvent 1 L container | |
| | 1822300 | Vinyl glue for reinforced membrane | 5 litre container |
| | 1822350 | Alkorplan vinyl glue for dark colours (anthracite grey) | 10 litre container |
| | 1822390 | Alkorplus contact glue | 5 litre container |
| | 1821450 | Alkorplus blue felt, 400 g/m², height 1.50 m, 50 m roll | |
| | | Alkorplus blue felt, 400 g/m², height 1.50 m, 50 m roll | 6 roll, unit |
| | | **Other accessories** | |
| | 1824200 | Liquid PVC application bottle | per 5 |
| | 1828100 | 9 mm welding tape | 25 m roll, per m |

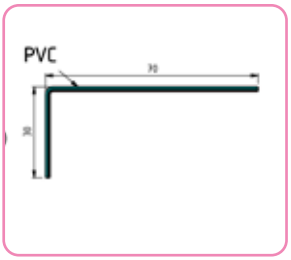
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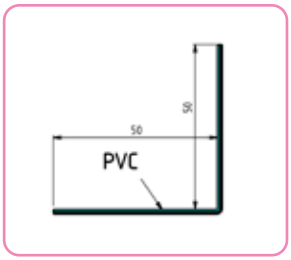
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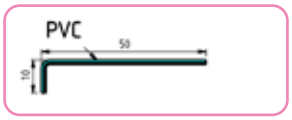

3



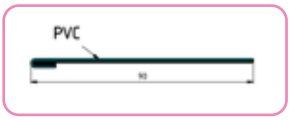

4




5




6




7




8



9



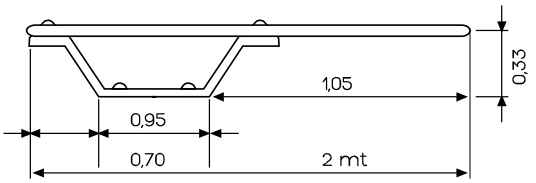
# Diving Boards and Slides

## POOL SURROUND

### Diving Board with Base

Diving board made of fiberglass and polyester with base for fixing. Non-slip surface with extra strips for the diving area at the end of the board. Diving board supports maximum weight of 120 kg. Supplied with anchoring fixtures.

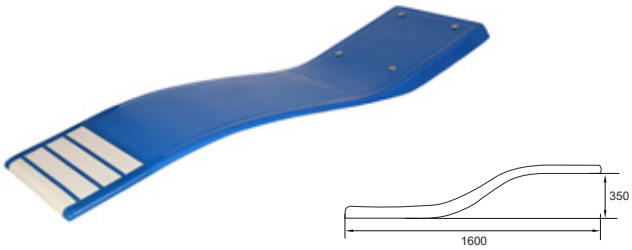





| Code | Description | Dimensions | | Weight |
|---|---|---|---|---|
| | | Length | Width | kg |
| 00190018 | Atecpool Diving Board with Base L: 2.0, W:0.39 M | 2000 mm | 390 mm | 29 |
| 00190119 | Atecpool Diving Board with Base L: 4.0, W:0.39 M | 4000 mm | 390 mm | 50 |

### Wave Diving Board

Diving board made of fiberglass and polyester with anchoring fixtures. Non slip surface with extra strips for the diving area at the end of the board. Length 1.6 m. Width 0.39 m

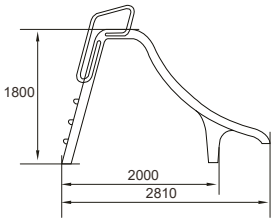



| Code | Dimensions | Weight | Volume |
|---|---|---|---|
| | m | kg | m³ |
| 00190020 | L: 1,60m / W: 0,39m | 12,3 | 0,14 |

### Slide Straight Model

Slide made in polyester and fiberglass with non-slip polyester steps. Water inlet to aid sliding. Supplied with grab rails and anchoring fixtures.



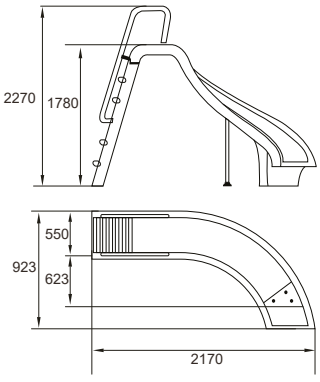



| Code | Height | Weight | Volume |
|---|---|---|---|
| | mm | kg | m³ |
| 00109008 | 1500 | 62 | 1,214 |
| 00109003 | 1800 | 70 | 1,37 |

### Slide Curved Model

Slide made in polyester and fiberglass with non-slip polyester steps. Water inlet to aid sliding. Supplied with grab rails and anchoring fixtures. Two curved models available - right and left curve.






| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 00109004 | Right Curved Slide | 83 | 2,89 |
| 00109005 | Left Curved Slide | 83 | 2,89 |

INSPIRED By Water

ATECPOOL

BWT GROUP

atecpool.com



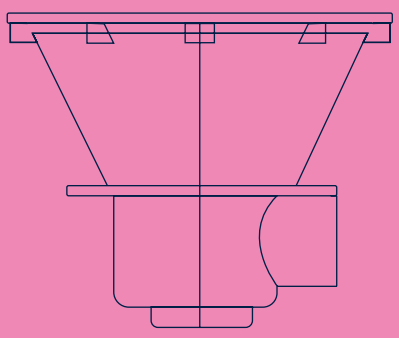
INSPIRED
By Water

atecpool.com

atecpool.com



# Pool and Spa Fittings



INSPIRED By Water

ATECPOOL
BWT GROUP

INSPIRED By Water

atecpool.com



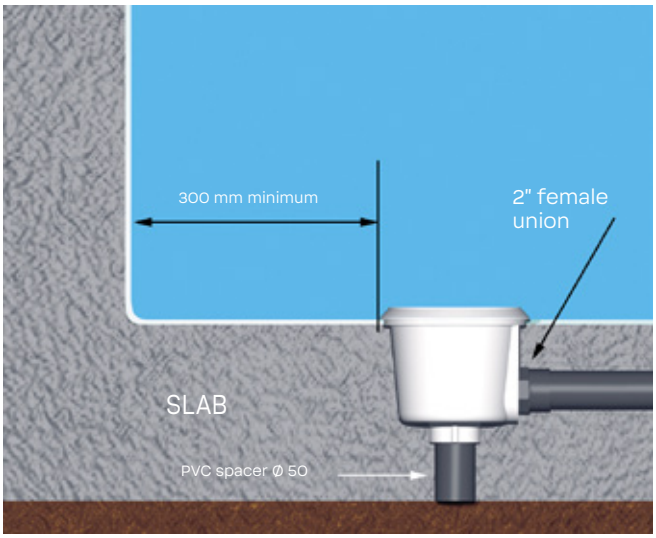
# Atecpool
# Pool and Spa Fittings

**ATECPOOL** provides vast range of swimming pool shell equipment in ABS, high quality stainless steel and polypropylene, ensuring you find everything you would ever need for an adequate water circulation in your swimming pool under one roof. If you are unsure of shell equipment needed for your pool, then please contact a member of our team who will help you to select your pool fittings. All pool fittings are designed and engineered by **ATECPOOL** with design excellence, high precision, user friendly, easy to install and high adaptation to individual flow requirements.

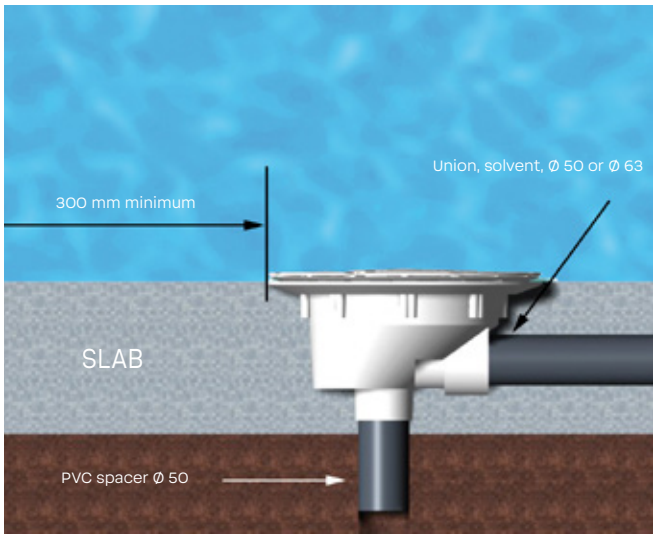
# Pool Fittings

## PLACEMENT OF THE POOL FITTINGS

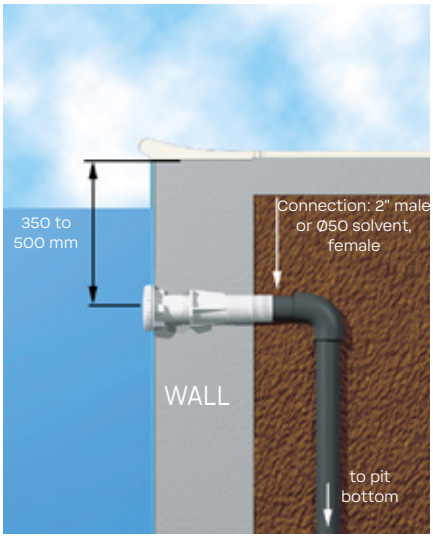
### Main drain BL-211/ BB-210



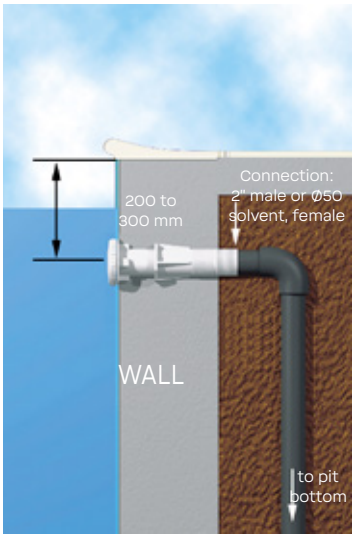

### Main drain BL-311/ BB-310



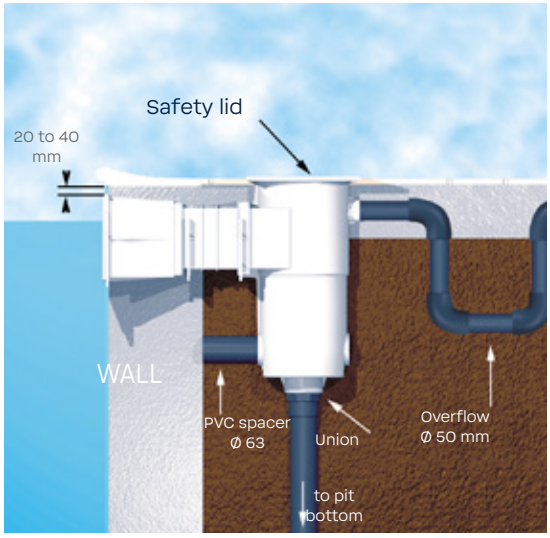

### Return fitting



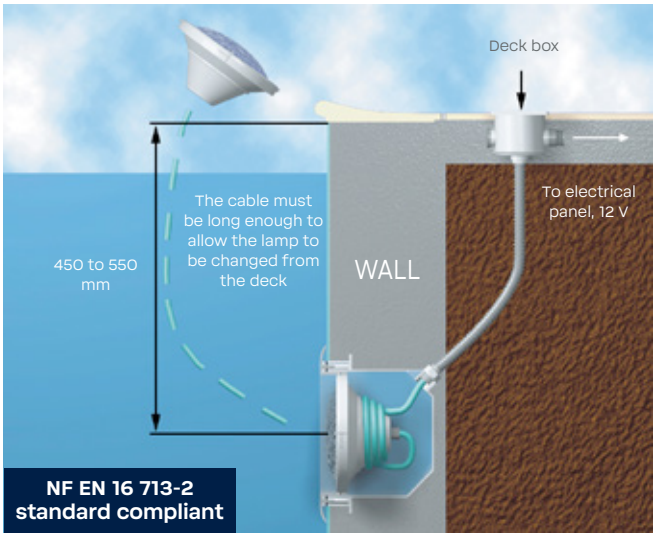

### Vacuum point



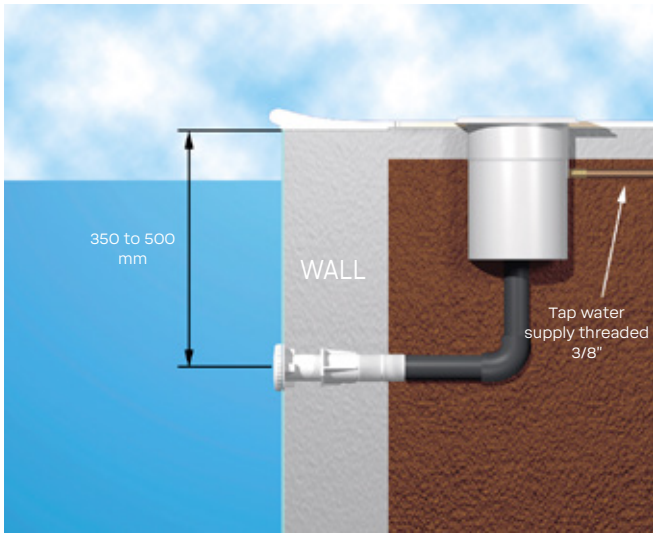

### Skimmer




### Underwater light




### Level controller



# Pool Fittings

## THE CARTRIDGE SKIMMER

GUARANTEE 10 YEARS POOL FITTINGS

### The Cartridge Skimmer

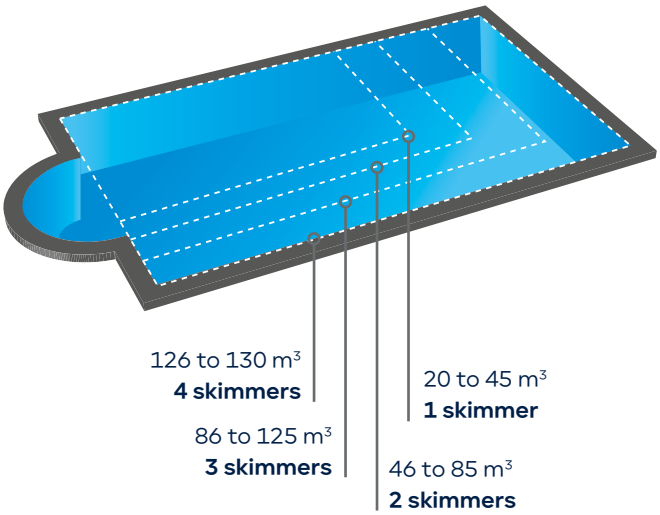
A water and energy-saving solution



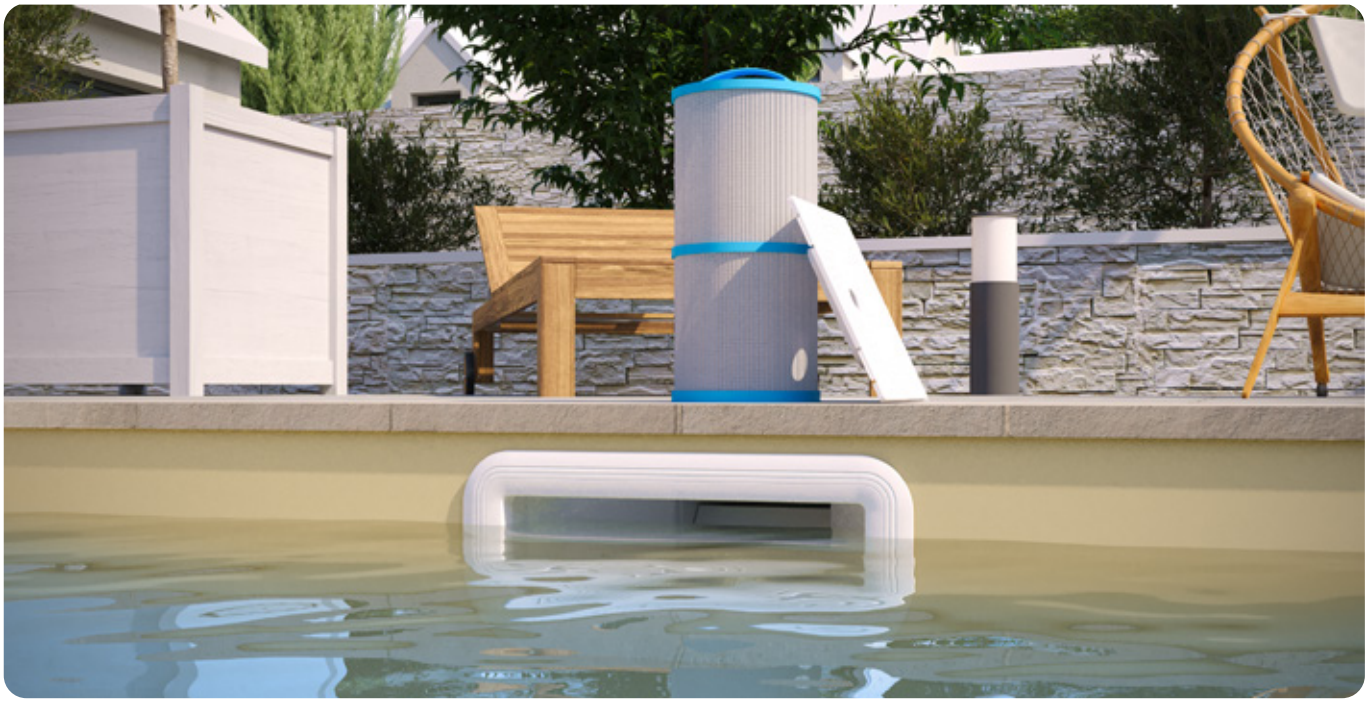
PRODUCT +

- No need for a filter
- Consumes less water, less electricity
- Simplified hydraulic circuit, faster to install
- Made in France
- Cartridge included

### Recommended number of skimmers




| Filtration surface area (m²) | Height (mm) | Diameter (mm) | Filtration grade (µm) | Max flow rate (m³/h) |
|---|---|---|---|---|
| 5,7 m² | 670 mm | 180 mm | 15 micron | 12 m³/h |



# Pool Fittings

## THE CARTRIDGE SKIMMER

**Compose your cartridge skimmers to add the coloured flange cover**




### Cartridge Skimmers BWT Match, Masonry - Liner - Concrete

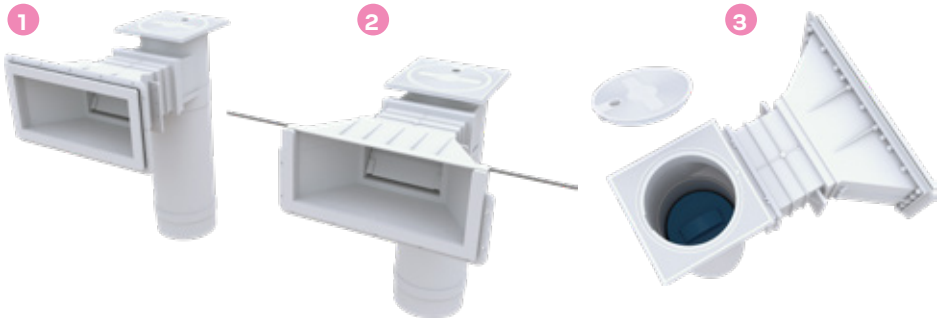
Family 2100 & 31350




| | | |
|---|---|---|
| | **Cartridge skimmers** | |
| 1 | **40094001** | BWT Match C-LB Skimmer, SS over-weir |
| 2 | **40090060** | Complete skimmer flange cover for Match LB, white |
| 3 | **40090100** | Matching Sun white skimmer frame and lid |
| | **Skimmer SS over-weir** | |
| 4 | **40096001** | BWT Match C-LB-MR Skimmer, SS over-weir |
| 5 | **40090100** | Matching Sun white skimmer frame and lid |
| 6 | **40092060** | Complete flange cover for Match LB MR skimmer, white |
| | **Cartridge skimmers** | |
| 7 | **40094018** | Match skimmer cartridge |

### BWT Cartridge Skimmers, Panel

Family 2100




| Filtration surface area (m²) | Height (mm) | Diameter (mm) | Filtration grade (µm) | Max flow rate (m³/h) |
|---|---|---|---|---|
| 4.5 m² | 365 | 176 | 20 | 10 |

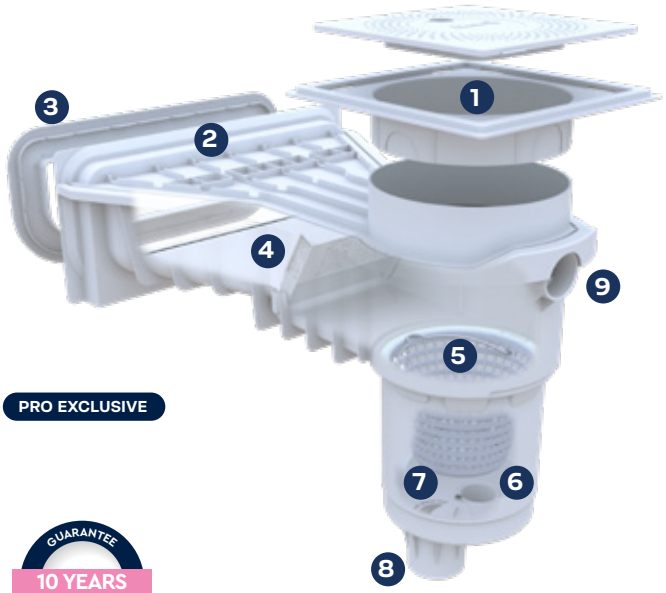
| | Code | Description |
|---|---|---|
| 1 | **8452229** | Cartridge skimmer P-GM, panel pools |
| 2 | **8452329** | Cartridge skimmer P-GM mirror, panel pools |
| 3 | **8452239** | Cartridge for skimmer P-GM, panel pools |

# Pool Fittings

## BWT MATCH SKIMMER

BWT Match Skimmer

Scan to watch the video!




PRO EXCLUSIVE

GUARANTEE 10 YEARS POOL FITTINGS

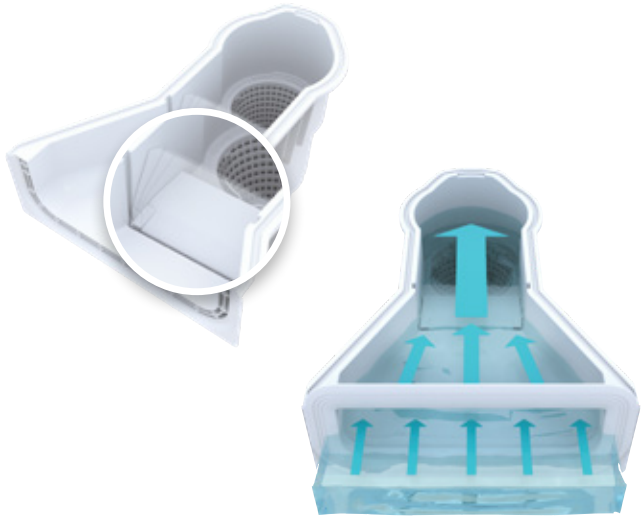
# The skimmer that matches

### EVERY POOL AND EVERY REQUIREMENT!

**Are you searching for a skimmer that perfectly matches your pool, an efficient high performance skimmer that ensures an exquisite bathing experience in pure clean water unspoiled by unwanted floating debris?**

**Would you like it to be well designed, easy to install and handy to maintain, durable and reliable?**

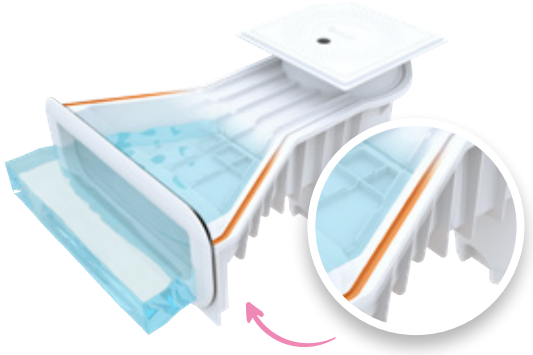
1. Clip closure
2. Wide selection of skimmer mouths
3. Skimmer face trim
4. Silent weir
5. Pre-filter basket with push and twist locking mechanism
6. Adaptor for winterizing Gizmo
7. Flow regulator
8. Bottom outlet, diameter 50 or 63 mm
9. Overflow, diameter 50 mm



## Crystal clear swimming pool water

The skimmer is a crucial component of the water circulation and purification system: by rapidly skimming dust, pollen, leaves and insects from the surface of the water, the skimmer plays a key role in keeping the pool water crystal clean. It rapidly whisks away floating debris to keep the surface of the water immaculate and ensure a pleasurable bathing experience.

**The BWT Match skimmer fulfils every requirement.**



The weld is above the water line, this eliminates any risk of leaks

# Pool Fittings

## BWT MATCH SKIMMER



PRO EXCLUSIVE




BWT Match Skimmer

### Matches every pool...

liner or tiles, walls made of concrete blocks, poured concrete or Blockit modules, sand or cartridge filtration, standard or high water level, etc.

**The BWT Match skimmer adapts perfectly to every configuration and every pool.**

### Matches every requirement

This skimmer also fulfils the strictest requirements of pool owners and pool professionals. Highly efficient skimming, quiet, easy to install, operate and maintain: this is how BWT Match skimmer gets its name, it ticks every box, and is a real people pleaser!

## The Skimmer Match offers unique adaptability and flexibility!

- A choice of 10 colours is available for the visible parts of the skimmer in the pool to blend in perfectly with the decor chosen for the pool.
- 3 different designs and 3 different colours are available for the cover.
- There's no need to wait for the colour of the pool lining to be chosen before installing the skimmer. In fact, the white body can be installed and the visible coloured parts installed afterwards.
- A single white skimmer body to stock, a single part number, storage made easy.



# Pool Fittings

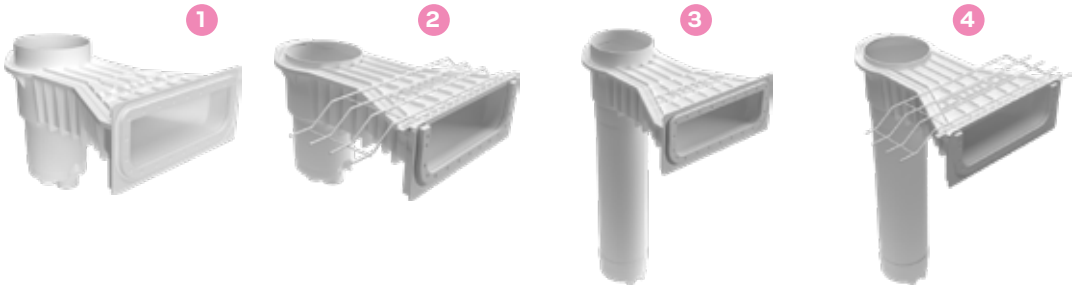
## BWT MATCH SKIMMER

## Compose your match skimmer




### 1 BWT Match Skimmer — Family 2105

PRO EXCLUSIVE




| | Code | Description |
|---|---|---|
| | | **Skimmer Liner / Concrete** |
| 1 | 40090001 | Skimmer BWT Match Liner/Concrete, body |
| 2 | 40091001 | Skimmer BWT Match Liner/Concrete-Mirror, body |
| | 40092001 | Skimmer BWT Match Liner/Concrete with inserts, body |
| | 40093001 | Skimmer BWT Match Liner/Concrete-Mirror with inserts, body |
| | | **Cartridge Skimmer** |
| 3 | 40094001 | Skimmer BWT Match Cartridge Liner/Concrete, body |
| 4 | 40096001 | Skimmer BWT Match Cartridge Liner/Concrete-Mirror, body |
| | 40095001 | Skimmer BWT Match Cartridge Liner/Concrete with inserts, body |
| | 40097001 | Skimmer BWT Match Cartridge Liner/Concrete-Mirror with inserts, body |

### 2 Flange cover and inlet sheath — Family 2100 & 2105

PRO EXCLUSIVE NEW



| BWT Match Skimmer Flange Cover | |
|---|---|
| White | 40090060 |

| BWT Match Mirror Skimmer Flange Cover | |
|---|---|
| White | 40092060 |



| Sand | Light Blue | Blue Grey | Dark Blue | Rope | Taupe | Grey | Anthracite Grey | Black |
|---|---|---|---|---|---|---|---|---|
| **BWT Match Skimmer Inlet Sheath and Flap** | | | | | | | | |
| 40090185 | 40090181 | 40090192 | 40090182 | 40096196 | 40090191 | 40090188 | 40090187 | 40090189 |



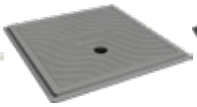
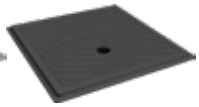
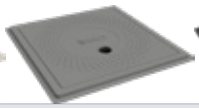
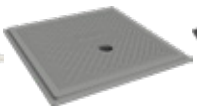
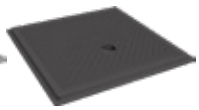
| **BWT Match Mirror Skimmer Inlet Sheath and Flap** | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 40092185 | 40092181 | 40092192 | 40092182 | 40092296 | 40092191 | 40092188 | 40092187 | 40092189 |

# Pool Fittings

## BWT MATCH SKIMMER

### 3 Frames & covers — Family 2100 & 2105

PRO EXCLUSIVE

| White | Sand | Grey | Anthracite grey |
|---|---|---|---|
|  |  |  |  |
| **Match Skimmer Frame and Cover, Wave** | | | |
| 40090102 | 40090502 | 40090802 | 40090702 |
|  |  |  |  |
| **Match Skimmer Frame and Cover, Sun** | | | |
| 40090100 | 40090500 | 40090800 | 40090700 |
|  |  |  |  |
| **Match Skimmer Frame and Cover, Sand** | | | |
| 40090101 | 40090501 | 40090801 | 40090701 |

**LIDS**
available in 3 patterns

Wave ↓

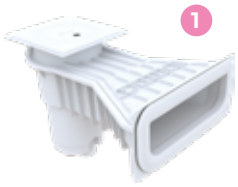


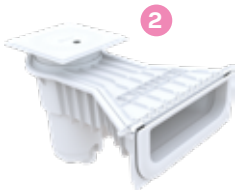
Sun →

↑ Sand

### BWT match skimmer white complete — Family 2100

PRO EXCLUSIVE







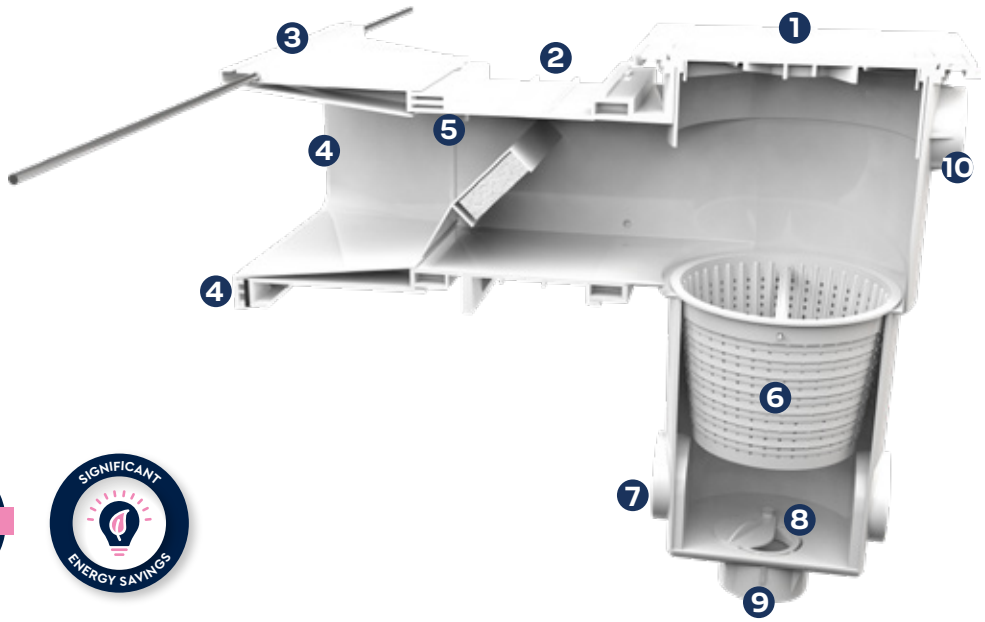
| | Code | Description |
|---|---|---|
| | | **Skimmer Liner/Concrete** |
| 1 | 40090000 | Skimmer BWT Match Liner/Concrete, complete, white |
| 2 | 40091000 | Skimmer BWT Match Liner/Concrete-Mirror, complete, white |

# Pool Fittings

## MIRROR SKIMMER

The Mirror Skimmer in detail

PRO EXCLUSIVE




GUARANTEE 10 YEARS POOL FITTINGS

SIGNIFICANT ENERGY SAVINGS

### 1 Push and twist locking mechanism

- The skimmer lid is equipped with a locking mechanism that prevents it from being opened accidentally. This is an effective way of protecting children.
- The skimmer lid is housed in a telescopic frame so that the height can be adjusted to lie flush with the pool deck.

### 2 Wide choice of throat lengths

- Thanks to its modular design, the length of the skimmer throat can be adjusted between 20 and 457 mm to adapt to any configuration (whatever the thickness of the pool wall by adding one or more extension throats and a skimmer mouth).

### 3 Choice of skimmer mouths

- Skimmers can be fitted with a standard skimmer mouth, or a wide skimmer mouth, depending on requirements.
- Skimmers feature a pre-fix collar, used to install them on prefabricated structures.

### 4 Face plate trim

- A face plate clips onto the skimmers to hide the skimmer flange and screws.

### 5 Weir damper

- The skimmer mouth is equipped with a stopper to reduce the noise made by the weir when the pool water is very agitated.

### 6 Self-locking skimmer basket

- The basket is locked into place in the skimmer by means of a bayonet, push and twist locking mechanism. This prevents the basket from floating up when the filtration pump stops. The basket can be lined with a "Pool Bag" to improve particle retention.

### 7 Lateral outlet

- A 63 mm PVC spacer can be fitted here between the skimmer and the pool wall to further stabilise the skimmer's seating.

### 8 Flow regulator

- The body of the skimmer features a mobile flap to adjust the rate at which water is drawn into the skimmer.

### 9 Bottom outlet

- This 2" tapped outlet accepts a threaded adaptor socket (2"x 63 or 2"x 50) to connect the skimmer to the filtration system. These adaptor sockets are cheaper than tapped sockets of the same dimensions. The 1"½ threading is used to install a gizmo (protects the skimmers against freezing).

### 10 50 mm overflow

- This may be connected to waste with standard 50 mm PVC pipes used for filtration. Evacuates water very efficiently in the event of heavy rain.
- The overflow is sealed by a disc that may be pierced at one of several circular indentations allowing the height of the overflow to be altered in 5 mm increments.



# Pool Fittings

## MIRROR SKIMMER

GUARANTEE 10 YEARS POOL FITTINGS

### Mirror Skimmer, Masonry / Liner — Family 2100 & 2105

| Code | Reference | Description |
|---|---|---|
| 40067000 | SL-119-M-MR | Mirror skimmer, wide mouth + extension throat |
| 40077200 | SL-119-CA-M-MR-2 | Skimmer, w. m. SL119CA-M-MR /liner, 2, white BWT |



| Light Blue | Sand | Grey | Anthracite grey | Black |
|---|---|---|---|---|

| Mirror skimmer, wide mouth+extension throat | | | | | |
|---|---|---|---|---|---|
|  | 40067081 | 40067085 | 40067088 | 40067087 | 40067089 |
| | SL-119-MR-BC | SL-119-MR-SA | SL-119-MR-GR | SL-119-MR-GA | SL-119-MR-N |

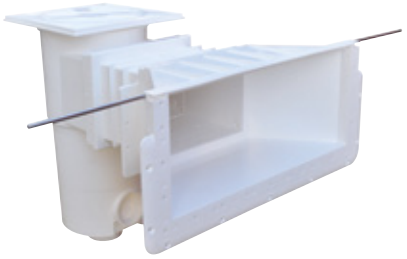
### Mirror Skimmer, Concrete — Family 2100

| Code | Reference | Description |
|---|---|---|
| 40666000 | SB-118-MR | Mirror skimmer, wide mouth + extension throat, concrete pools |



### Mirror Skimmer, Panel — Family 2100 & 2105

| Code | Reference | Description |
|---|---|---|
| 40267000 | SL-119-P-MR | Mirror skimmer, SL119-P-MR, white, liner/panel pools |



The pipe descending from the bottom of the skimmer must be rigid, all the way to the floor of the excavation.

| Sand | Grey | Anthracite grey |
|---|---|---|

| Mirror skimmer, panels/liner wide mouth+extension throat | | | |
|---|---|---|---|
|  | 40267085 | 40267088 | 40267087 |
| | SL-119-P-MR-SA | SL-119-P-MR-GR | SL-119-P-MR-GA |

## SKIMMERS ARE AVAILABLE IN 5 COLOURS AS PART OF

**the Color range: Light blue, Beige, Grey, Anthracite grey and Black.**



Light blue



Beige



Grey



Anthracite grey



Black

# Pool Fittings

## STANDARD SKIMMER ABS

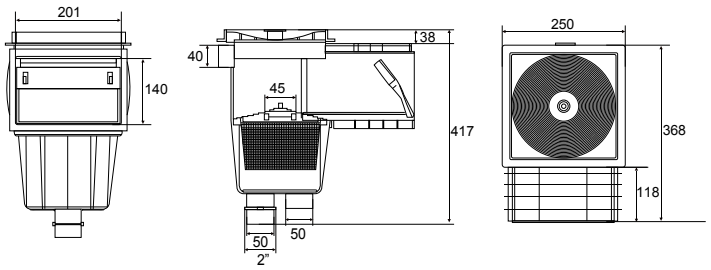
### Standard Skimmer ABS

Manufactured in UV treated white ABS with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has an option of 3 connection sizes: 1½" internal threaded, 2" threaded and 50mm diameter for gluing. Overflow connection of 40mm diameter. Max. Recommended flow is 5m³/h. For optimum results it is recommended to use 1 skimmer per 25m² of pool surface area. The skimmer suction can also be used for vacuum cleaning the pool floor.

### Standard Skimmer for concrete



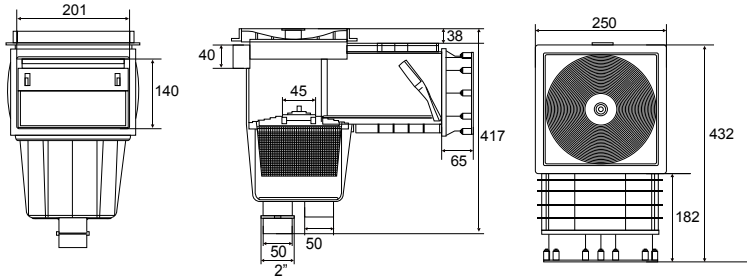
| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 01590010 | Standard Skimmer ABS Concrete | 3,15 | 0,047 |




### Standard Skimmer with Extended Throat for concrete



| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 01590010-1 | Standard Skimmer ABS Concrete with Extended Throat | 4,10 | 0,049 |

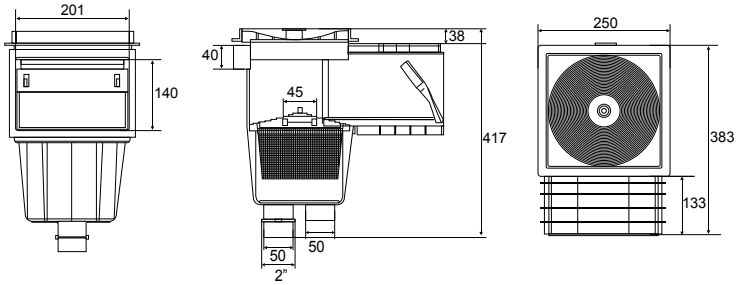



### Standard Skimmer for Liner

Supplied with elastic adhesive gasket, flange and screws for liner fixing.



| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 01591011 | Standard Skimmer ABS Liner | 5,28 | 0,047 |



# Pool Fittings

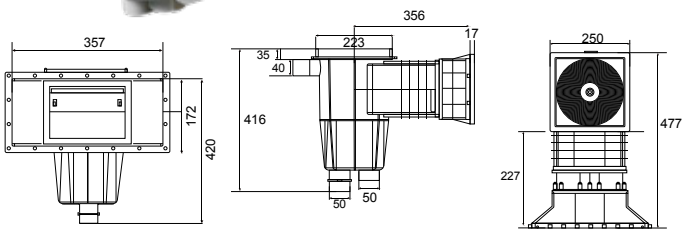
## WIDE MOUTH SKIMMER ABS

### Wide Mouth Skimmer ABS

Manufactured in UV treated white ABS with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has an option of 3 connection sizes: 1½" internal threaded, 2" threaded and 50mm diameter for gluing. Overflow connection of 40mm diameter. Max. Recommended flow is 5m³/h. For optimum results it is recommended to use 1 skimmer per 25m² of pool surface area. The skimmer suction can also be used for vacuum cleaning the pool floor.

### Wide Mouth Skimmer for concrete

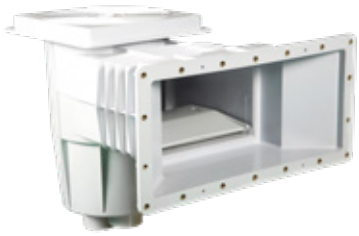




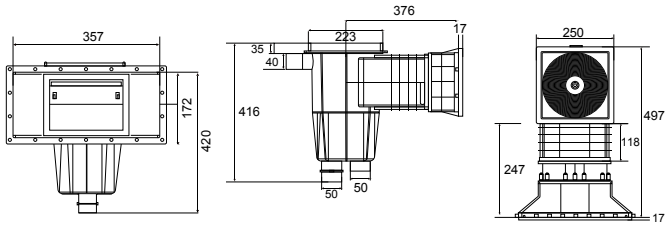

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 01590020 | Skimmer Wide Mouth ABS Concrete | 4,47 | 0,12 |

### Wide Mouth Skimmer for Liner

Supplied with double elastic adhesive gasket, flange and screws for liner fixing.





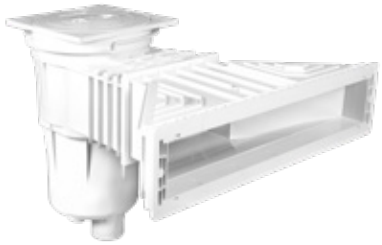


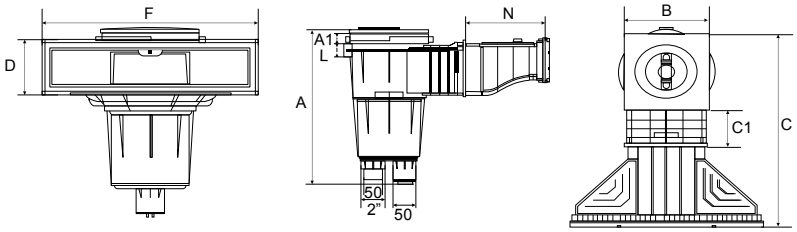

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 01591022 | Skimmer Wide Mouth ABS Liner | 5,09 | 0,12 |

### Atecpool Euro Skimmer ABS - Concrete and Liner

New range of skimmer 17.5L with recommended flow of 7.5 m³/h. UV treated white ABS with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has an option of 3 connection sizes: 1½" internal threaded, 2" threaded and 50mm diameter for gluing. Overflow connection of 40mm diameter. For optimum results it is recommended to use 1 skimmer per 25m² of pool surface area.

### Skimmer for concrete






### Skimmer for liner



**Concrete:** Euro ABS skimmer w/ Square Frame and round lid for concrete pool.
**Liner:** Euro ABS skimmer w/ Brass Inserts for screws, Square Frame and round lid for liner.

| Code | Description | A | A1 | B | C | C1 | D | F | L | N | Weight | Volume |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | mm | | | | | | | | | kg | m³ |
| 0159222 | Euro Skimmer ABS Concrete | 470 | 44 | 250 | 620 | 120 | 137 | 551 | 32 | 250 | 5,3 | 183 |
| 0159227 | Euro Skimmer ABS Liner | 470 | 44 | 250 | 630 | 120 | 137 | 551 | 32 | 265 | 5,8 | 183 |

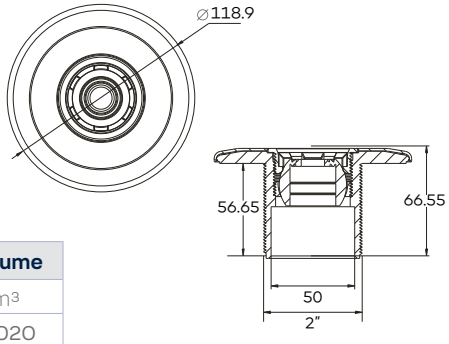
# Pool Fittings

## RETURN INLETS ABS



### Return Inlet ABS Threaded - 2"

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall for concrete pools. Installed with female threaded wall conduits. Maximum Flow: 7 m³/hr. Recommended maximum flow velocity 4m/s.

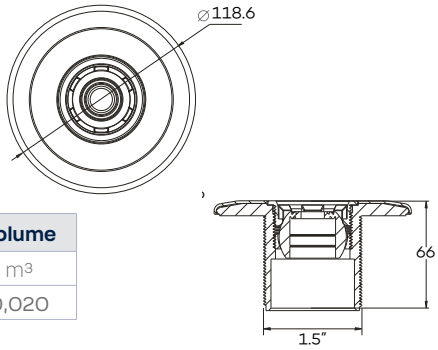



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| **01592828-2** | Return Inlet ABS threaded 2" | 24 | 0,020 |



### Return Inlet ABS Threaded - 1.5"

Made in white ABS with 1.5" outer connection thread for concrete pools. Installed with female threaded wall conduits. Maximum Flow: 7 m³/hr. Recommended maximum flow velocity 4m/s.

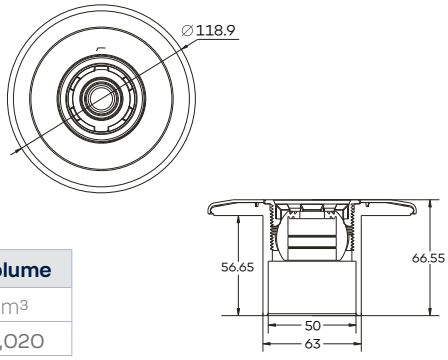



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| **01592828-4** | Return Inlet ABS threaded 1.5" | 24 | 0,020 |



### Return Inlet ABS Slip Fit

Made in white ABS with Ø63 mm outer connection and Ø50 mm inner wall for concrete pools. Installed with internal glue type wall conduits. Maximum Flow: 7 m³/hr. Recommended maximum flow velocity 4 m/s.

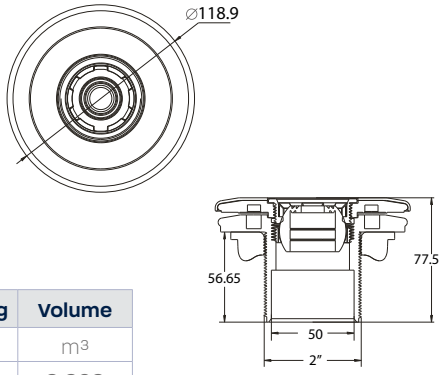



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| **01592828** | Return Inlet ABS Slip Fit | 24 | 0,020 |



### Return Inlet ABS Threaded for Liner

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall for liner pools. Supplied with gasket, screws and nut for liner fixing. Installed with female threaded wall conduits. Maximum Flow: 7 m³/hr. Recommended max. flow velocity 4 m/s.

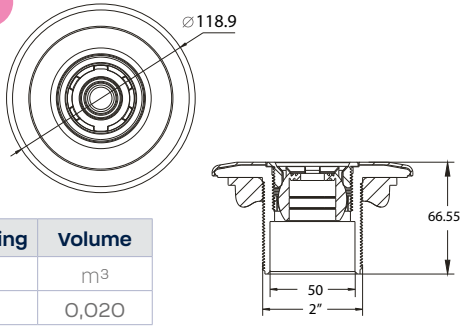



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| **01592828-3** | Return Inlet ABS Threaded for Liner | 12 | 0,020 |



### Return Inlet ABS Threaded for Prefabricated

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall for prefab pools. Supplied with gasket and rear nut for prefab pool fixing. Installed with female threaded wall conduits. Maximum Flow: 7 m³/hr. Recommended max. flow velocity 4 m/s.




| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| **01592836** | Return Inlet ABS Threaded for Prefab | 12 | 0,020 |

# Pool Fittings

## RETURN INLETS ABS



### Return Fittings 2" Family 2100

| Code | Reference | Description | Nominal flow rate m³/h |
|---|---|---|---|
| 42610000 | RB-318 | Return fitting with grate, Ø 63 solvent, concrete pools | 11 |



### Return Fittings 2" Family 2100

| Code | Reference | Description | Nominal flow rate m³/h |
|---|---|---|---|
| 42010000 | RL-319 | Return fitting with grate, Ø 63 solvent, liner pool | 11 |

### Flanges, gratings and gaskets for return fittings rl319 Family 2100



| White | Light blue | Blue grey | Dark blue |
|---|---|---|---|
| 42010004 | 42010104 | 42010214 | 42010204 |



| Beige | Rope | Grey | Taupe | Argile | Anthracite grey | Black |
|---|---|---|---|---|---|---|
| 42010504 | 42010964 | 42010804 | 42010114 | 42010414 | 42010704 | 42010904 |




### Return Fittings Family 2100

| | Code | Reference | Description | Nominal flow rate m³/h |
|---|---|---|---|---|
| 1 | 42200000 | RL-313 | Return fitting only, with barrel union and seal, liner/panel pools * | 7 |
| 2 | 42029007 | RL-332 | Liner/insert outlet body, unit | 7 |
| 3 | 42030007 | | 23mm adjustable jet + white flange | 7 |

# Pool Fittings

## RETURN INLETS ABS




### Return Fittings — Family 2100

| | Code | Reference | Description | Nominal flow rate m³/h |
|---|---|---|---|---|
| 1 | 42030004 | RL-327 | Adjustable jet for 23 mm nozzle, white, BWT | 7 |
| | | | Pack of 20, each | 7 |
| 2 | 42400000 | | RL326 shell pool return, white | |

### Return fitting 23 mm, Flanges and gaskets — Family 2100



| White | Light blue | Blue grey | Dark blue |
|---|---|---|---|
| 42030007 | 42030107 | 42030607 | 42030207 |



| Beige | Rope | Grey | Taupe | Argile | Anthracite grey | Black |
|---|---|---|---|---|---|---|
| 42030507 | 42039607 | 42030807 | 42030307 | 42039507 | 42030707 | 42030907 |

### Return fitting 23 mm directional jet — Family 2100



| White | Light blue | Blue grey | Dark blue |
|---|---|---|---|
| 42030004 | 42030104 | 42030214 | 42030204 |



| Beige | Rope | Grey | Taupe | Argile | Anthracite grey | Black |
|---|---|---|---|---|---|---|
| 42030504 | 42030196 | 42030804 | 42030114 | 42030414 | 42030704 | 42030904 |

### Return fitting 12 mm directional jet — Family 2100



| White | Beige | Rope | Grey | Anthracite grey |
|---|---|---|---|---|
| 42220004 | 42225504 | 42229604 | 42225804 | 42225704 |

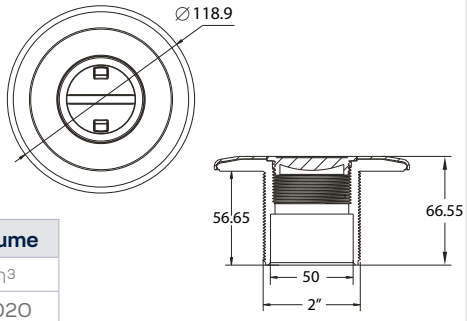
# Pool Fittings

## SUCTION INLETS ABS



### Suction Inlet ABS Threaded - 2"

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall for concrete pools. Installed with female threaded wall conduits. Supplied with threaded plug of 1½". Maximum pressure: 6 Bar.

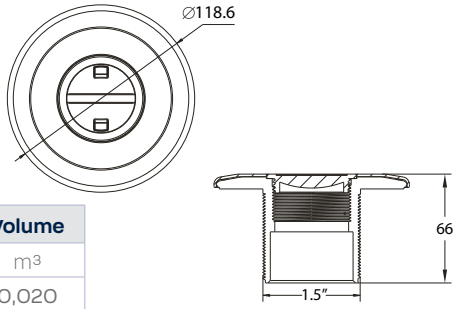



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592827-2 | Suction Inlet ABS threaded 2" | 24 | 0,020 |



### Suction Inlet ABS Threaded - 1.5"

Made in white ABS with 1.5" outer connection threaded for concrete pools. Installed with female threaded wall conduits. Supplied with threaded plug of 1½". Maximum pressure: 6 Bar.

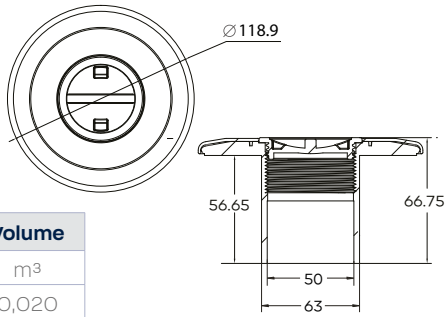



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592827-5 | Suction Inlet ABS threaded 1,5" | 24 | 0,020 |



### Suction Inlet ABS Slip Fit

Made in white ABS with Ø63 mm outer connection and Ø50 mm inner wall for concrete pools Installed with internal glue type wall conduits. Supplied with threaded plug of 1 ½". Max pressure: 6 Bar.

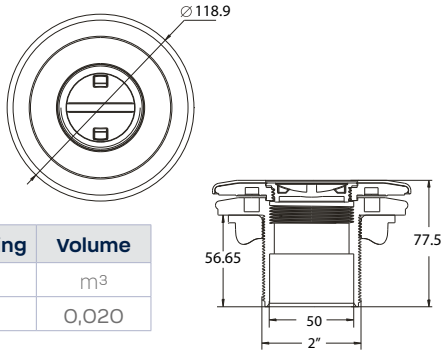



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592827 | Suction Inlet ABS Slip Fit | 24 | 0,020 |



### Suction Inlet ABS Threaded for Liner

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall for liner pools. Supplied with gasket, screws and nut for liner fixing. Installed with female threaded wall conduits. Threaded plug of 1 ½". Maximum pressure: 6 Bar.

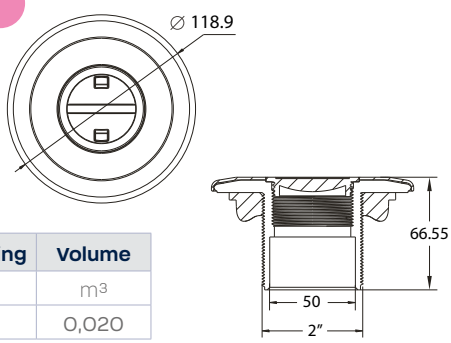



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592827-4 | Suction Inlet ABS Threaded for Liner | 12 | 0,020 |



### Suction Inlet ABS Threaded for Prefabricated

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall for prefabricated pool. Installed with female threaded wall conduits. Threaded plug of 1 ½". Supplied with gasket and rear nut for prefab fixing. Maximum pressure: 6 Bar.




| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592827-3 | Suction Inlet ABS threaded for Prefab | 12 | 0,020 |

# Pool Fittings

## SUCTION INLETS ABS




### Suction Fittings — Family 2100

| | Code | Reference | Description |
|---|---|---|---|
| 1 | 42010007 | RL-336 | BWT Brush Socket Trim Cap + Flange, White Liner/Insert, Unit, BWT |
| 2 | 42029007 | | Liner/Insert discharge body, each |




### Suction Point — Family 2100

| | Code | Reference | Description |
|---|---|---|---|
| 1 | 42400000 | RL-328 | RL326 shell pool return, white |
| 1 | | | Pack of 20, each |
| 2 | 42460000 | | White broom socket cover cap |

### Suction fitting blanking cap, flanges and gaskets — Family 2100



| White | Light blue | Blue grey | Dark blue |
|---|---|---|---|
| 42010007 | 42010107 | 42010607 | 42010207 |



| Beige | Corde | Grey | Taupe | Argile | Anthracite grey | Black |
|---|---|---|---|---|---|---|
| 42010507 | 42019607 | 42010807 | 42010307 | 42019507 | 42010707 | 42010907 |

### Suction fitting blanking cap — Family 2100



| White | Light blue | Blue grey | Dark blue |
|---|---|---|---|
| 48019000 | 48019100 | 48019210 | 48019200 |



| Beige | Corde | Grey | Taupe | Argile | Anthracite grey | Black |
|---|---|---|---|---|---|---|
| 48019500 | 48019960 | 48019800 | 48019110 | 48019410 | 48019700 | 48019900 |

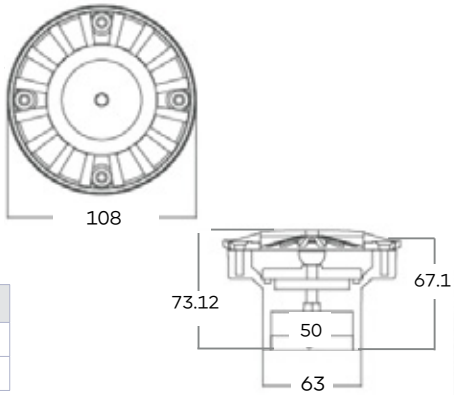
# Pool Fittings

## ABS INLETS



### Floor Inlet ABS Slip Fit

Made in white ABS with Ø63 mm outer connection and Ø50mm inner wall and screws in stainless steel. Its unique design permits 360° dispersion of fresh water in the pool. Max. Recommended flow rate: 12m³/h, flow rate can be manually regulated with the help of an adjustable screw fitted on top centre of the inlet.

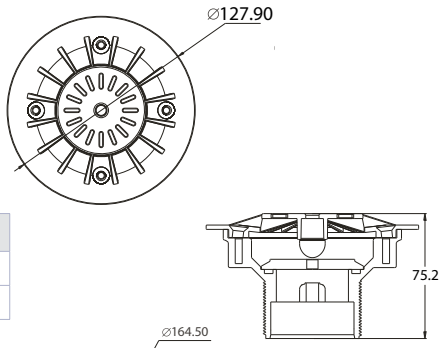



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592825 | Floor Inlet ABS Slip Fit | 24 | 0,020 |



### Floor Inlet ABS threaded

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall. Max. recommended flow rate: 12m³/h. Its unique design permits 360° dispersion of fresh water in the pool.

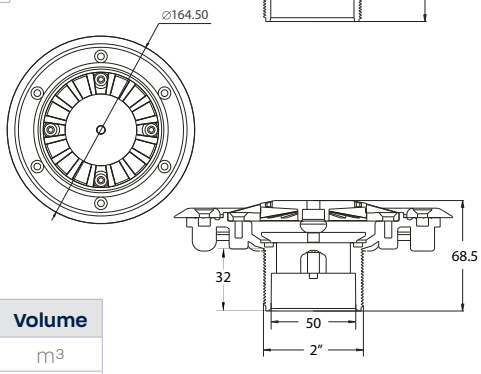



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592825-2 | Floor Inlet ABS Threaded | 24 | 0,020 |



### Floor Inlet ABS threaded for Liner

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall. Supplied with gaskets, flanges and screws for Liner fixing. Max. Recommended flow rate: 12m³/h, flow rate can be manually regulated with the help of an adjustable screw fitted on top centre of the inlet.

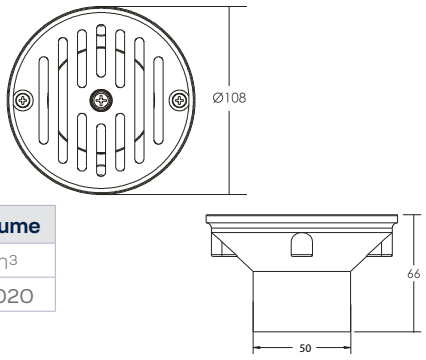



| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592825-1 | Floor Inlet ABS Threaded for Liner | 12 | 0,020 |



### Wall Return Inlet ABS Slip Fit

Made in white ABS with Ø50 mm outer connection. Max recommended flow rate: 9m³/h.




| Code | Description | Std packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592829 | Wall Return Inlet ABS Slip Fit | 12 | 0,020 |

## Wall Conduits



### Wall Conduit ABS Threaded

Made of grey ABS, length 300mm. 2" female and male thread connection. Used with threaded mini dichro lights and threaded inlets. 2 holes for taut positioning in the concrete.



### Wall Conduit ABS Slip Fit

Made of grey ABS, length 300 mm. 2" rear male thread and Ø63 mm smooth inner wall for gluing slip fit inlets and mini dichro lights. 2 holes for taut positioning in the concrete.

| Code | Description | Std packing | Weight |
|---|---|---|---|
| | | | kg |
| 01592840 | Wall Conduit 2" Threaded | 12 | 3,0 |

| Code | Description | Std packing | Weight |
|---|---|---|---|
| | | | kg |
| 01592840-1 | Wall Conduit 63mm Glue | 12 | 3,0 |

# Pool Fittings

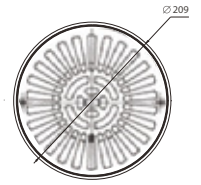
## MAIN DRAINS



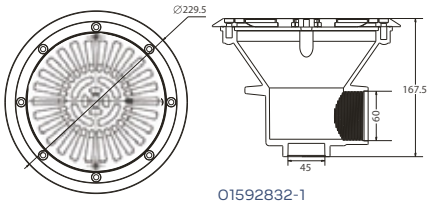
### Circular Main Drain

Circular main drain in UV treated white ABS Ø210 mm, 2" threaded side outlets, grill fitted with screws. Max flow rate 12 m³/hr, designed for surface suction velocity not exceeding 0.5 m/s. For liner model supplied with self-adhesive gaskets, flange and screws.

| Code | Description | Std packing | Weight |
|---|---|---|---|
| | | | kg |
| 01592832 | Circular Main Drain Concrete | 1 | 0,6 |
| 01592832-1 | Circular Main Drain Liner | 1 | 0,6 |




01592832



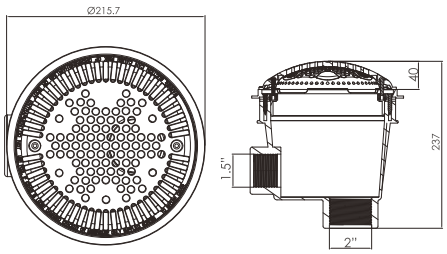

01592832-1



### Anti-Entrapment Main Drain

Circular main drain in UV treated white ABS Ø215,7 mm, 2" threaded side outlets, anti-entrapment main drain grill fitted with screws. Max flow rate 13 m³/hr, designed for surface suction velocity not exceeding 0.5 m/s. For liner model supplied with self-adhesive gaskets, flange and screws.

| Code | Description | Std packing | Weight |
|---|---|---|---|
| | | | kg |
| 03100257 | Circular Anti-Entrapment Drain Concrete | 1 | 0,6 |
| 03100257-1 | Circular Anti-Entrapment Drain Liner | 1 | 0,6 |



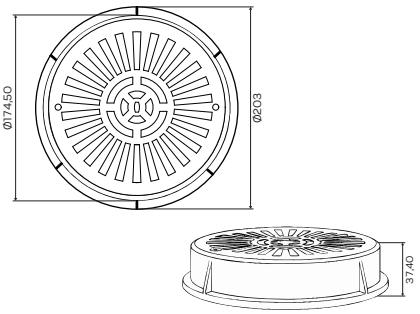

## Drain Grilles



### Circular Drain Grille ABS

Circular drain grille and ring support in white ABS. Ø203mm, supplied with fixing screws. Max flow rate 13 m³/hr.

| Code | Description | Size | Std packing | Weight |
|---|---|---|---|---|
| | | mm | | kg |
| 10534100 | Circular Drain Grille ABS | Ø203 | 1 | 0,3 |

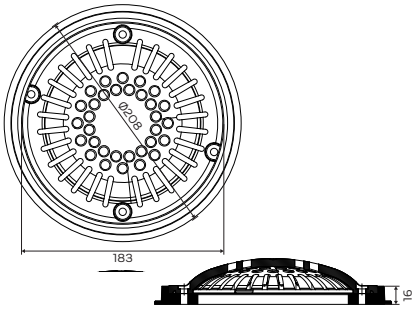





### Anti-Vortex Drain Grille ABS

Circular antivortex drain grille and ring support in white ABS. Ø208mm. Maximum flow rate 12 m³/hr.

| Code | Description | Size | Std packing | Weight |
|---|---|---|---|---|
| | | mm | | kg |
| 10532100 | Antivortex Drain Grille ABS | Ø208 | 1 | 0,3 |

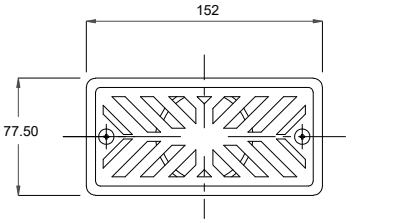


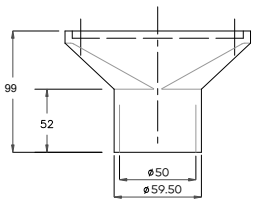



### Overflow Gutter Drain ABS

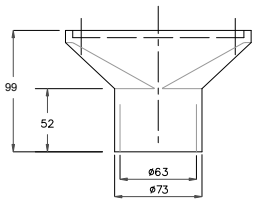
Overflow gutter drain made of white ABS plastic with SS screws. To be installed at the bottom of the overflow gutter. Two models available with Ø50mm and Ø63mm connections. To be glued to Ø50mm/ Ø63mm PN 10 pipe.

| Code | Description | Std Packing | Volume |
|---|---|---|---|
| | | | m³ |
| 01592819 | Overflow Gutter Drain 50mm | 12 | 0,016 |
| 01592819-1 | Overflow Gutter Drain 63mm | 12 | 0,016 |




01592819 - ABS Grill




01592819-1 - ABS Grill

# Pool Fittings
## MAIN DRAINS



1


2


### Main drains
Family 2100 & Key product

| | Code | Reference | Description | Nominal flow rate m³/h |
|---|---|---|---|---|
| 1 | 41015000 | BL-311 | Main drain, lateral outlet Ø 50 mm or 63 mm, solvent, liner pools | 15 |
| | 41012000 | BL-211 | Main drain, 2 outlets (2" and 50 mm solvent), liner pools | 12 |
| 2 | 41013000 | BL-211-L | Main drain, 2 outlets (2" and 1"1/2), with cap and seal, liner pools | 12 |

The BL-211 / BL-211-L model is anti-vortex

### Flanges, gratings and gaskets for main drains BL-211 / BB-210
Family 2100 & 2105



| White | Light blue | Blue grey | Dark blue |
|---|---|---|---|
| 41012004 | 41012104 | 41012214 | 41012204 |



| Beige | Corde | Grey | Taupe | Argile | Anthracite grey | Black |
|---|---|---|---|---|---|---|
| 41012504 | 41012964 | 41012804 | 41012114 | 41012414 | 41012704 | 41012904 |

### Flanges, gratings and gaskets for main drains BL-311
Family 2100 & 2105



| White | Light blue | Blue grey | Dark blue |
|---|---|---|---|
| 41010004 | 41015104 | 41015214 | 41015204 |



| Beige | Corde | Grey | Taupe | Argile | Anthracite grey | Black |
|---|---|---|---|---|---|---|
| 41015504 | 4105964 | 41015804 | 41015114 | 41015414 | 41015704 | 41015904 |

# Pool Fittings

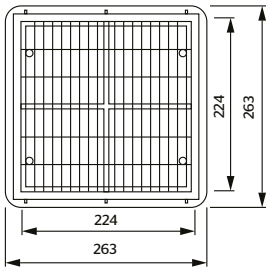
## ANTI-SUCTION FRAME AND GRATE

### Anti-Suction Frame and Grate ABS

Square Frame and grate in UV treated white ABS for commercial pools. Available in three sizes. Anti-Suction, curved surface design. VGB compliant and tested to ANSI/APSP-7, 2006 standards. Designed for surface suction velocity not exceeding 0.5 m/s.

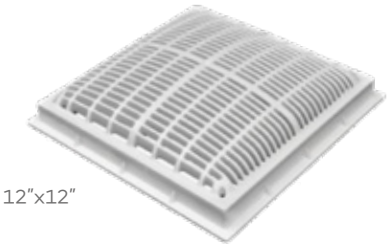


9"x9"

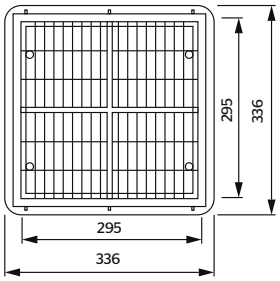








12"x12"

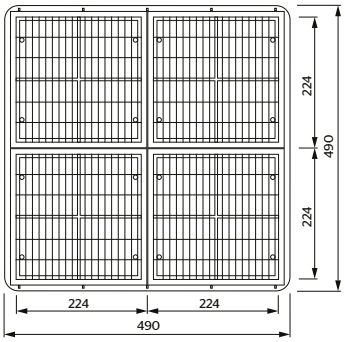








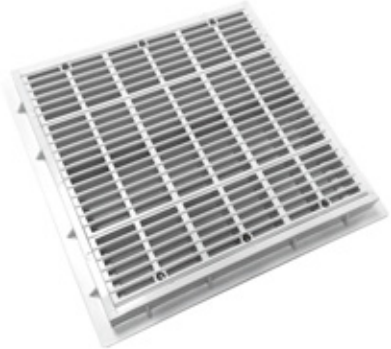
18"x18"







| Code | Description | Flow Rate | Weight | Size | Volume |
|---|---|---|---|---|---|
| | | m³/h | kg | mm | m³ |
| **01592813** | Anti-Suction Frame and Grate 9"x9" | 23 | 1,2 | 9"x9" | 0,02 |
| **01592814** | Anti-Suction Frame and Grate 12"x12" | 56 | 1,6 | 12"x12" | 0,02 |
| **01592815** | Anti-Suction Frame and Grate 18"x18" | 92 | 4,8 | 18"x18" | 0,02 |



### Frame and Grate ABS

Square Frame and grate in UV treated white ABS for commercial pools. Available in two different sizes - 250 x 250 mm and 300 x 300 mm. Designed for surface suction velocity not exceeding 0.5 m/s.

| Code | Description | Flow Rate | Weight | Size | Volume |
|---|---|---|---|---|---|
| | | m³/h | kg | mm | m³ |
| **01592812** | Frame and Grate 250 x 250mm | 27 | 1,2 | 250 x 250 | 0,02 |
| **01592812-1** | Frame and Grate 300 x 300mm | 43 | 1,8 | 300 x 300 | 0,02 |

Stainless Steel Fittings



# Atecpool Stainless Steel Shell Fittings





01592858

01592862

01592859

## Return Inlet AISI 316

Direction-adjustable return inlet in polished stainless steel AISI 316 with outer thread with two connections - 1.5" and 2". Ø25 mm eyeball. 50mm male threaded length .AISI 316L upon request.

## Floor Inlet AISI 316

Adjustable floor return inlet made of polished stainless steel AISI 316 with 2" external thread. Max. recommended flow rate: 14m³/h, however, flow rate can be manually regulated with the help of an adjustable screw. AISI 316L upon request.

## Adjustable Return Inlet AISI 316

Direction-adjustable return inlet in polished stainless steel AISI 316 with outer thread with two connections - 1.5" and 2". Ø25 mm eyeball. 50mm male threaded length .AISI 316L upon request.

INSPIRED By Water

ATECPOOL
BWT GROUP

# Pool Fittings

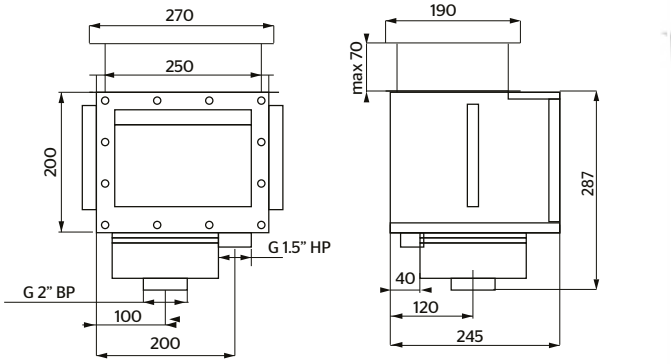
## SKIMMER AISI 316

### Skimmer AISI 316

### Standard Skimmer AISI 316 - Concrete

Made of stainless steel AISI 316, standard skimmer has internal threaded connection of 2".
Recommended Flow is 8 m³/hr. Available for concrete installation.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 01592010 | STD Skimmer AISI 316 Concrete | 5,3 | 0,12 |

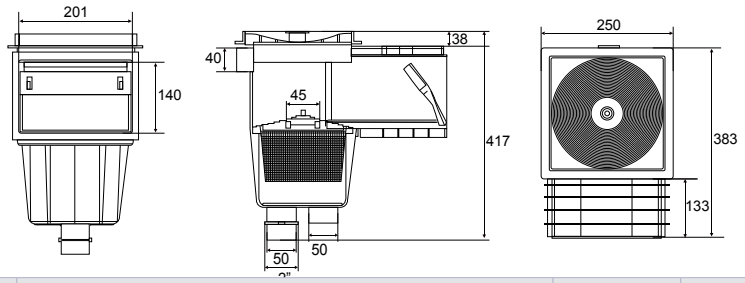





### Standard Skimmer with SS Face Plate for concrete

Manufactured in UV treated white ABS with SS face plate in AISI 316. Supplied with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has 3 optional connections for bottom suction. 1 ½" internal thread, 2 " outer thread and Ø50 mm inner wall for gluing. Recommended flow is 5m³/h. For optimum results it is recommended to use 1 skimmer per 25m² of pool surface area. The skimmer suction can also be used for vacuum cleaning the pool floor.






| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 015901010 | Standard Skimmer ABS with SS Face plate concrete | 3,75 | 0,062 |

# Pool Fittings

## SS INLETS

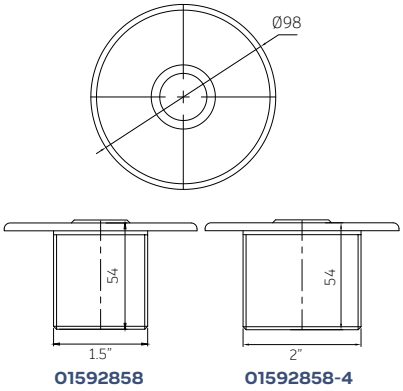


### Return Inlet AISI 316



Direction-adjustable return inlet in polished stainless steel AISI 316 with outer thread with two connections - 1.5" and 2". Ø25 mm eyeball. 50mm male threaded length .AISI 316L upon request.

| Code | Description | Flow rate | Weight | Volume |
|---|---|---|---|---|
| | | m³/h | kg | m³ |
| 01592858 | Return Inlet AISI 316 1,5" | 7 | 0,30 | 0,001 |
| 01592858-4 | Return Inlet AISI 316 2" | 7 | 0,66 | 0,001 |



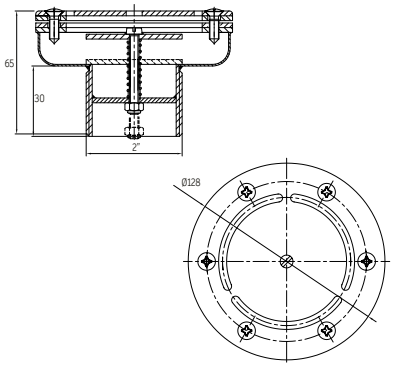

01592858 01592858-4

### Floor Inlet AISI 316



Adjustable floor return inlet made of polished stainless steel AISI 316 with 2" external thread. Max. Recommended flow rate: 14m³/h, however, flow rate can be manually regulated with the help of an adjustable screw. AISI 316L upon request.

| Code | Description | Length | Weight | Volume |
|---|---|---|---|---|
| | | mm | kg | m³ |
| 01592862 | Floor Inlet AISI 316 | 50 | 0,90 | 0,002 |

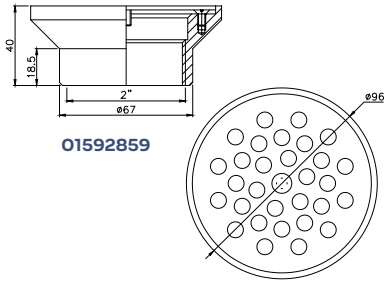



### Adjustable Return Inlet AISI 316

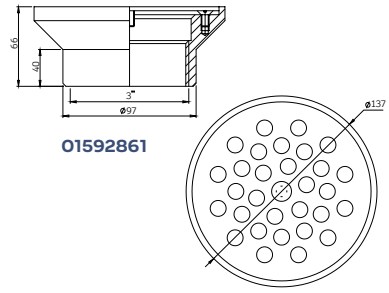


Adjustable Return Inlet in AISI 316. Flow rate can be manually regulated with the help of an adjustable screw. Available in two female threaded connections. Maximum flow rate for 2" female threaded 21.5 m³/hr. Maximum flow rate for 3" female threaded 40 m³/hr. AISI 316L upon request.

| Code | Description | Flow rate | Weight | Volume |
|---|---|---|---|---|
| | | m³/h | kg | m³ |
| 01592859 | Adjustable Return Inlet 2" | 21,5 | 0,7 | 0,002 |
| 01592861 | Adjustable Return Inlet 3" | 40 | 1,1 | 0,003 |




01592859



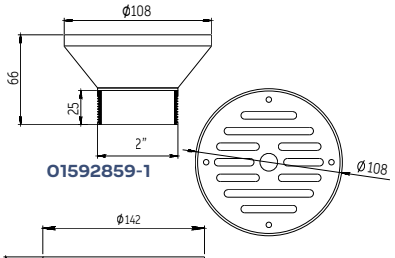

01592861

### Adjustable Floor Return Inlet

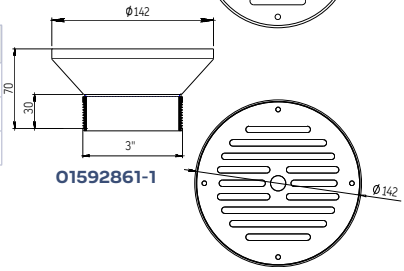


Adjustable Floor Return Inlet in AISI 316. Flow rate can be manually regulated with the help of an adjustable screw located underneath the front cover. Available in two male threaded connections. Maximum flow rate for 2" male threaded 22 m³/hr. Maximum flow rate for 3" male threaded 42 m³/hr. AISI 316L upon request.

| Code | Description | Flow rate | Weight | Volume |
|---|---|---|---|---|
| | | m³/h | kg | m³ |
| 01592859-1 | Adjustable Floor Inlet 2" | 22 | 0,7 | 0,002 |
| 01592861-1 | Adjustable Floor Inlet 3" | 42 | 1,1 | 0,003 |




01592859-1




01592861-1

# Pool Fittings

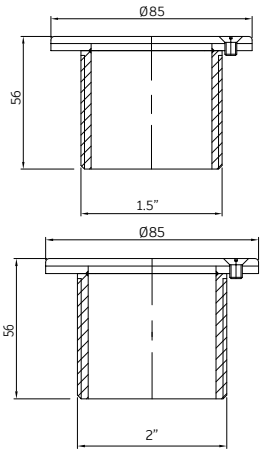
## SS INLETS AND DRAIN



### Suction Inlet AISI 316

Suction inlet in polished stainless steel AISI 316 with outer thread with two connections - 1.5" and 2". Length 50 mm, supplied with cover. AISI 316L upon request.

| Code | Description | Length | Weight | Volume |
|---|---|---|---|---|
| | | mm | kg | m³ |
| **01592860** | Suction Inlet AISI 316 1,5" | 50 | 0,30 | 0,001 |
| **01592860-4** | Suction Inlet AISI 316 2" | 50 | 0,42 | 0,001 |



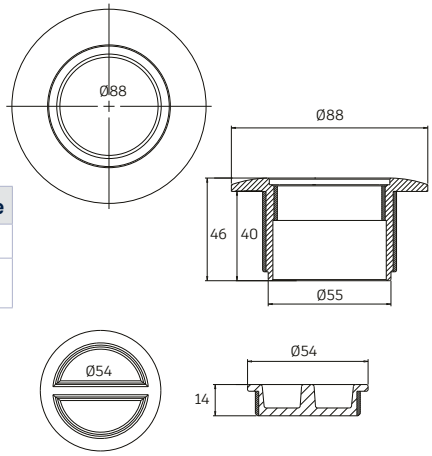





### Suction Inlet with threaded cover AISI 316

Suction inlet in polished stainless steel AISI 316 with outer thread 2". Length 40 mm, supplied with threaded cover. AISI 316L upon request.

| Code | Description | Length | Weight | Volume |
|---|---|---|---|---|
| | | mm | kg | m³ |
| **01592860-1** | Suction Inlet threaded cover AISI 316 | 40 | 0,30 | 0,001 |

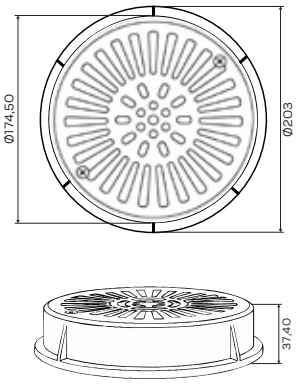





### Circular Drain with S.S. Grille

Support ring in UV treated white ABS, circular grille Ø203mm made of stainless steel AISI 316. Supplied with grille fixing screws. Recommended flow rate 13 m³/hr.

| Code | Description | Size | Std packing | Weight |
|---|---|---|---|---|
| | | mm | | kg |
| **10532116** | Circular Drain with SS Grille | Ø203 | 1 | 1,2 |

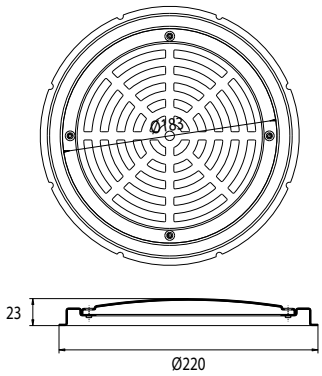





### Anti-Vortex Drain Grille AISI 316

Support ring and circular grille Ø220mm made of stainless steel AISI 316. Supplied with grille Ø183mm and fixing screws. Recommended flow rate 14 m³/hr. AISI 316L upon request.

| Code | Description | Size | Std packing | Weight |
|---|---|---|---|---|
| | | mm | | kg |
| **10532115** | Anti-Vortex Drain Grille AISI 316 | Ø220 | 1 | 1,5 |



# Pool Fittings

## SS ANTI-SUCTION FRAME AND GRATE



### Frame and Grate Stainless Steel

Square Frame and grate in polished Stainless steel AISI 316 for concrete pools. Available in four standard sizes, other sizes can be made upon request. AISI 316L upon request

| Code | Description | Flow Rate | Weight | Size | Volume |
|---|---|---|---|---|---|
| | | m³/h | kg | mm | m³ |
| **10528901** | SS Frame and Grate 250 x 250mm | 27 | 1,5 | 250 x 250 | 0,0033 |
| **10528121** | SS Frame and Grate 300 x 300mm | 43 | 2,2 | 300 x 300 | 0,0041 |
| **10528181** | SS Frame and Grate 400 x 400mm | 83 | 4 | 400 x 400 | 0,0059 |
| **10528182** | SS Frame and Grate 500 x 500mm | 136 | 4,5 | 500 x 500 | 0,0100 |



### Anti-Vortex Frame and Grate AISI 316

Made of AISI 316 stainless with anti-vortex grille. Supplied with grille fixing screws. Special sizes on request. AISI 316L upon request

| Code | Description | Flow Rate | Weight | Size | Volume |
|---|---|---|---|---|---|
| | | m³/h | kg | mm | m³ |
| **10528902** | SS Frame and Grate AV 250 x 250mm | 24 | 1,5 | 250 x 250 | 0,0033 |
| **10528130** | SS Frame and Grate AV 300 x 300mm | 41 | 2,2 | 300 x 300 | 0,0041 |
| **10528140** | SS Frame and Grate AV 400 x 400mm | 79 | 4 | 400 x 400 | 0,0059 |
| **10528150** | SS Frame and Grate AV 500 x 500mm | 128 | 4,5 | 500 x 500 | 0,0100 |



### Anti-Suction Frame and Grate AISI 316

Anti-Suction, curved surface design. VGB compliant. Made of AISI 316 stainless with curved grille. Supplied with grille fixing screws. Available in three different sizes. Frame height is 30mm. AISI 316L upon request

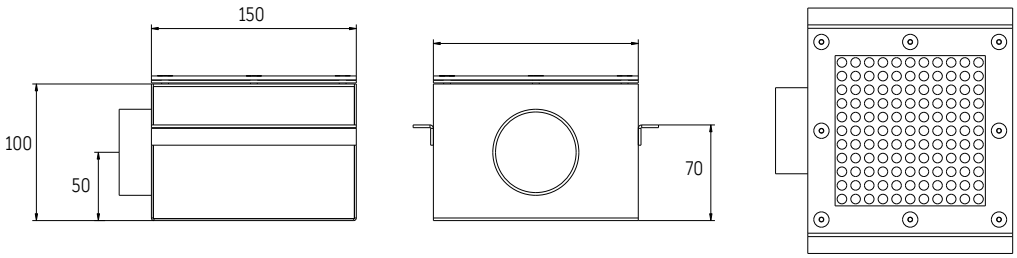
| Code | Description | Flow Rate | Weight | Size | Volume |
|---|---|---|---|---|---|
| | | m³/h | kg | mm | m³ |
| **10528122** | Anti-Suction SS Frame & Grate 300 x 300mm | 41 | 5,5 | 300 x 300 | 0,0041 |
| **10528183** | Anti-Suction SS Frame & Grate 400 x 400mm | 80 | 7,2 | 400 x 400 | 0,0059 |
| **10528185** | Anti-Suction SS Frame & Grate 500 x 500mm | 132 | 8,5 | 500 x 500 | 0,0100 |



### Square Main Drain AISI 316

Made of stainless steel AISI 316, square main drain 150 x 150 mm, 100mm height, 2" female threaded side connection. Grille 146 x 146 mm fixing using screws. Flow rate: 13.5 m³/hr.

| Code | Description | Std packing | Weight |
|---|---|---|---|
| | | | kg |
| **03100259S** | Square Main Drain AISI 316 | 1 | 3 |



# Pool Fittings

## SS CONDUITS AND OVERFLOW DRAIN



### Stainless Steel Wall Conduits

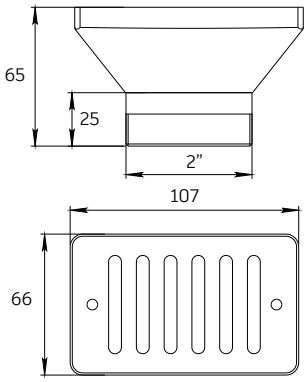
Made in AISI 316. Connection 2" female and male threaded on either ends.

| Code | Description | Std packing | Weight |
|---|---|---|---|
| | | | kg |
| **01592865** | Wall Conduit AISI 316 2" Threaded | 1 | 3.0 |



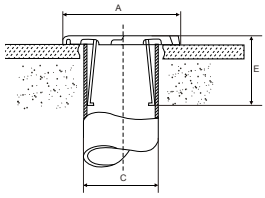
### Overflow Gutter Drain AISI 316

Made of stainless steel AISI 316. 2" male connection. SS316L available upon request




| Code | Description | Connections | Flow Rate | Weight | Volume |
|---|---|---|---|---|---|
| | | inch | m³/h | kg | m³ |
| **03100282-1** | Gutter Drain 2" AISI 316 | 2" | 7 | 1,2 | 0,009 |






### Gutter Drain with Clamp AISI 316

Made of stainless steel AISI 316 with clamp for fixing inside the pipe. Available in Ø130mm.

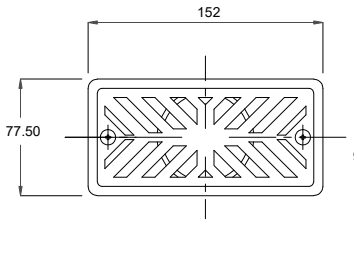
| Code | Description | Dimensions | | Conn. | Flow Rate | Weight | Volume |
|---|---|---|---|---|---|---|---|
| | | (mm) | | mm | m³/h | kg | m³ |
| | | ØA | E | ØC | | | |
| **03100282** | Gutter Drain 130mm w/ clamp | 130 | 75 | 90 - 75 | 22 | 0,9 | 0,009 |

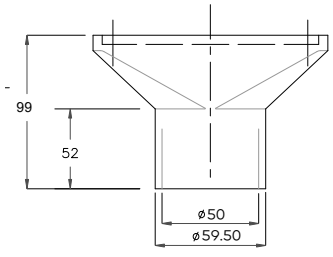


### Overflow Gutter Drain with SS Grille

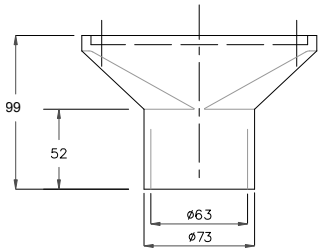
Overflow Gutter Drain made of white ABS with stainless steel AISI 316 grille, fixed with screws. 50mm with flow rate 4.5 m³/hr and 63mm with a flow rate of 7 m³/hr.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| **01592820** | Gutter Drain with SS Grille 50mm | 0,5 | 0,0002 |
| **01592820-1** | Gutter Drain with SS Grille 63mm | 0,6 | 0,0002 |




**01592820 - SS Grill**




**01592820-1 - SS Grill**

# Atecpool Counter Current Nozzle

## COUNTER CURRENT EQUIPMENT

Atecpool Jet Stream Nozzle in stainless steel AISI 316

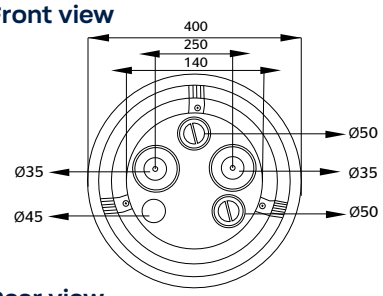


AT019S

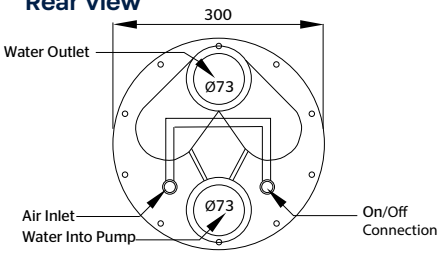


AT020S

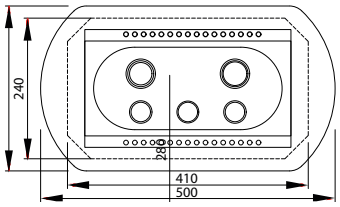
Front view



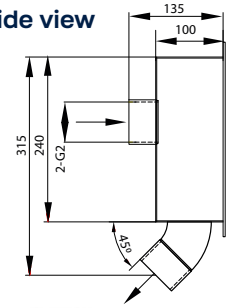

Rear view




Front view



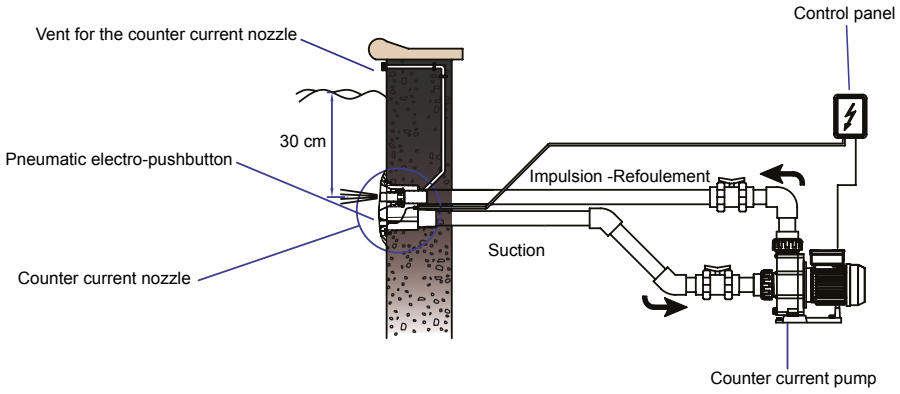

Side view



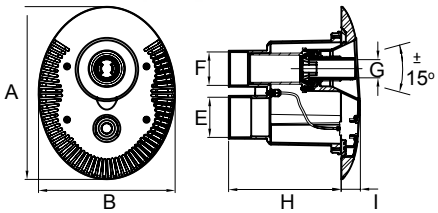

Atecpool Jet stream Nozzle in Stainless steel construction, highly competitive in hydraulic performance. The Jet swim pump is activated via the pneumatic switch. Wall mounted assembly with handle semi-circular, the regulator forces the impact of the water jet into nozzle of 35mm. Installation of Atecpool Jet Stream Nozzle is hassle free with inlet outlet connections on the rear end. The center of the Jet stream housing must be 175 mm below the water surface. The stainless steel front plate is installed after the casting.

| Code | Description | Dimensions | Pipe connection | Flow Rate | Materials |
|---|---|---|---|---|---|
| | | mm | | m³/h | |
| AT019S | Double Jet stream nozzle 35mmx2 - Round shape | Ø 313 | 2,5" | 70 | SS AISI 316 |
| AT020S | Double Jet stream nozzle - Rectangular shape | 500x280 | 2,5" | 70 | SS AISI 316 |

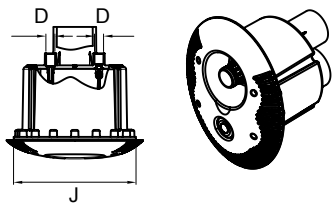
Atecpool Counter Current Nozzle ABS made entirely of white ABS, totally resistant to UVA rays and the harsh chemicals generally used in swimming pools. Built-in pneumatic push button to operate in relay with the pump's control box, (AT034, AT035, AT036). Directional jet, venturi outlet, connections.






| Code | Pool | Dimensions | | | | | | | | | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | D | E | F | G | H | I | J | kg |
| AT034 | Concrete | 390 | 310 | Ø 20.5 | Ø 90 | Ø 75 | 41 | 255 | 43.5 | Ø 278 | 2,5 |




Safety: The Jet is strong, do not go closer than 0,4 m from the outlet. Small children to be accompanied by adults while Counter Current Jet in operation.

Spa Fittings

# Atecpool Spa Fittings & Accessories




## Adjustable Jet Ø 1"x 1" Chrome

Made of White ABS with Chrome front finish for perfect gluing to PVC pipes . Ø1" water inlet and air inlet. Flow 2.2m³/hr. Unique design permits for a combination of air and water massage by way of a venture system, atmospheric pressure at 0.8 bar.

## Front Access Spa Skimmer

Front access square spa skimmer intergrated with catridge filter and a socket to connect 2" or 1.5" pipe. Options available with single or double 10 sq.ft catridge filters.

## Spa Main Drain 2"

Made of White PVC with adaptor union for gluing to PVC pipe. Can be used for concrete and pre-fabricated pools. Also available with S.S. AISI 316 drain grille. Connection 2". Max flow rate 12 m³/hr, designed for surface suction velocity not exceeding 0.5 m/s.

INSPIRED By Water

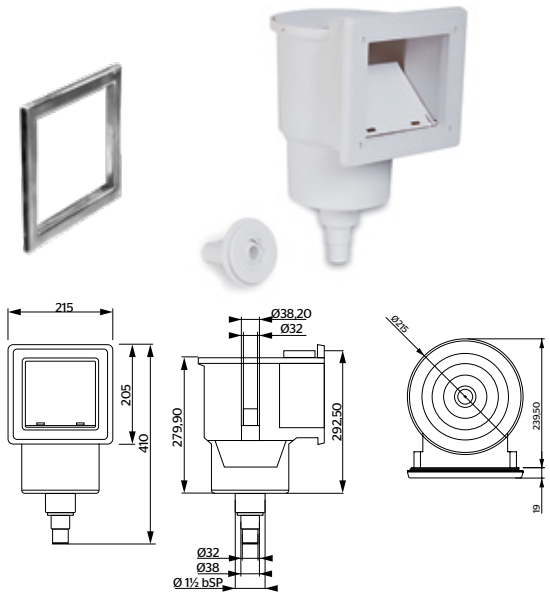
ATECPOOL
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# Spa Fittings

## SPA ACCESSORIES

### Spa Skimmer ABS Ø32mm

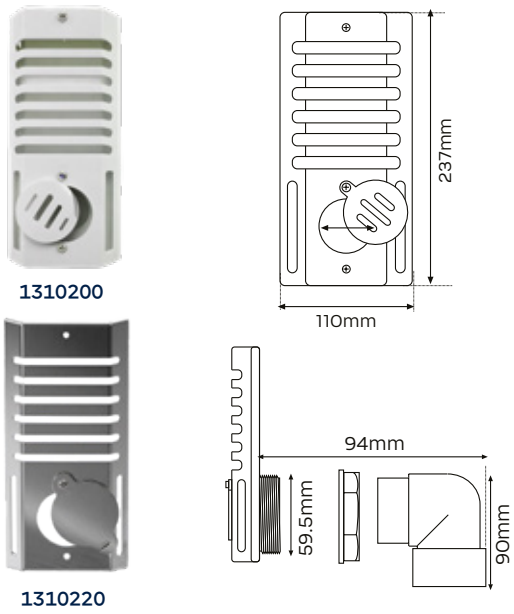
SPA Skimmer in UV treated white ABS with Nozzle. Can be used for Concrete and Liner. Connection Ø32 mm. Supplied with a spa nozzle. Used in above ground pool with nozzle.




| Code | Description | Weight | Volume |
|---|---|---|---|
| | | kg | m³ |
| 13101001 | SPA Skimmer ABS with Nozzle Ø32mm | 2,10 | 0,02 |
| 13101001-1 | SPA Skimmer ABS with SS Face plate w/Nozzle Ø32mm | 2,60 | 0,02 |

### Strip Skimmer in ABS/SS

Strip skimmer assembly includes skimmer grille, rounded grille, straight nut, elbow fitting.




1310200

1310220

| Code | Description | Dimensions | Depth |
|---|---|---|---|
| | | (LxW) mm | mm |
| 1310200 | ABS Strip skimmer | 237x110 | 25 |
| 1310220 | SS Strip skimmer | 237x110 | 25 |

### Front Access Spa Skimmer/Skim Filters

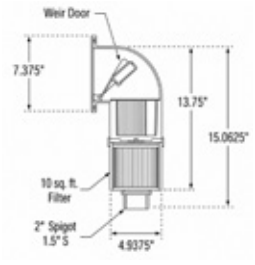
Front access square spa skimmer in ABS, the model is further integrated with cartridge filter and a socket to connect 2" or 1.5" pipe. Options available with single or double 10 sq.ft cartridge filters.

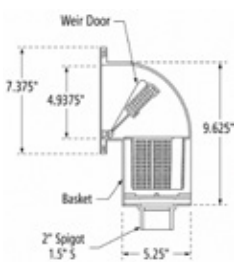


13102006



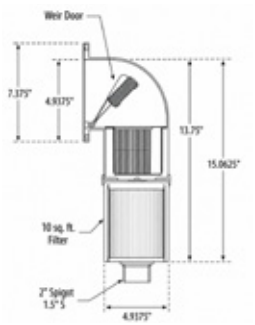
13102007






13103008

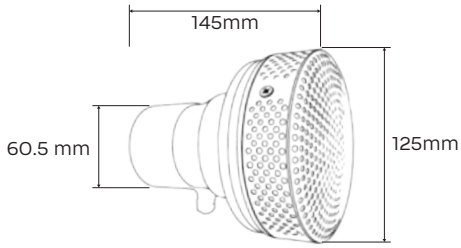



| Code | Description |
|---|---|
| 13102006 | Front access spa skimmer |
| 13102007 | Front access skim filter with single catridge |
| 13103008 | Front access skim filter with double catridge |

### Spa Main Drain 2"

Made of White PVC with adaptor union for gluing to PVC pipe. Can be used for concrete and pre-fabricated pools. Also available with S.S. AISI 316 drain grille. Connection 2". Max flow rate 12 m³/hr, designed for surface suction velocity not exceeding 0.5 m/s.






| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590024 | SPA Drain 2" ABS | 2,92 | 0,0098 | 6 |
| 00590027 | SPA Drain 2" ABS with S,S, Grille | 4,53 | 0,0098 | 6 |

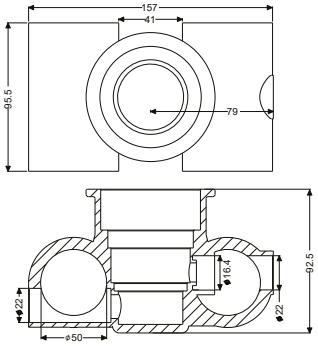
# Spa Fittings

## SPA ACCESSORIES

### Adjustable Jet Ø50x50



Made of white ABS for perfect gluing to PVC pipes. 50mm water inlet and air inlet. Flow – 4.5 m³/hr. Unique design permits for a combination of air and water massage by way of a venture system. Atmospheric Pressure at 0.8 bar. Available with SS AISI 316 trim.

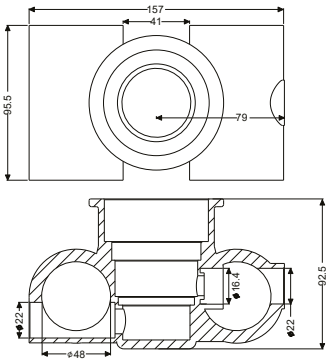



| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590050 | JET 50X50mm ABS | 6,92 | 0,027 | 25 |
| 00590057 | JET 50X50mm ABS with S.S Trim | 9,92 | 0,028 | 25 |

### Adjustable Jet Ø 1.5"x1.5"



Made of white ABS for perfect gluing to PVC pipes.Ø50mm water inlet and air inlet. Flow – 4.5 m³/hr. Unique design permits for a combination of air and water massage by way of a venture system. Atmospheric Pressure at 0.8 bar. Available with SS AISI 316 trim.

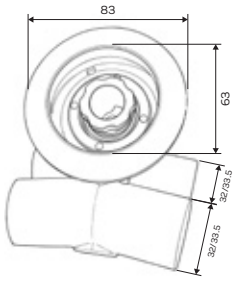



| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590055 | JET 1,5"X1,5" ABS | 5,82 | 0,026 | 25 |
| 00590059 | JET 1,5"X1,5" ABS with S.S Trim | 9,02 | 0,028 | 25 |

### Adjustable Jet Ø 1"x 1" Chrome



Made of White ABS with Chrome front finish for perfect gluing to PVC pipes . Ø1" water inlet and air inlet. Flow 2.2m³/hr. Unique design permits for a combination of air and water massage by way of a venture system, atmospheric pressure at 0.8 bar.

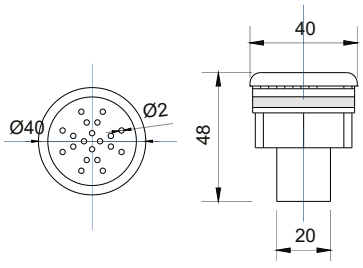



| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590060 | JET 1" X 1" ABS with Chrome front | 6,92 | 0,028 | 12 |

### Blower Nozzle



For air distribution into the SPA from air blowers. White plastic with 20 holes air jet. Flow rate 5.3 to 7.2 m³/hr. Also available with stainless steel front panel. Connection: 20mm.




| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590062 | Air Nozzle | 0,5 | 0,004 | 24 |
| 00590063 | Air Nozzle with S,S, trim | 0,98 | 0,004 | 24 |

### Flexible SPA Hose



Flexible PVC pressure hose with solvent connection to Ø25, Ø32, Ø50 and Ø63mm. All available in 15 meter roll. Enables easy plumbing for SPA features.

| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590125 | Flexible SPA Hose Ø25 | 2,0 | 0,080 | 1 |
| 00590132 | Flexible SPA Hose Ø32 | 2,2 | 0,100 | 1 |
| 00590150 | Flexible SPA Hose Ø50 | 2,5 | 0,257 | 1 |
| 00590163 | Flexible SPA Hose Ø63 | 2,8 | 0,275 | 1 |

# Spa Fittings

## SPA ACCESSORIES



### Adjustable Air Inlet

Controls air to venture system with 1" orifice for air regulation. The knob is mounted on the deck of the spa tub and is connected to the air venture pipe of the massage jet enabling users to regulate the air flow into the massage jet. Two models - 1" threaded fitting made of white PVC and ¾" chrome plated front panel.

| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590047-1 | Adjustable Air Inlet | 0,55 | 0,028 | 10 |
| 00590047 | Adjustable Air Inlet chrome | 0,55 | 0,028 | 10 |



### Pneumatic Press Button

Used for starting and ending massage functions. Two models - white PVC and chrome plated front panel.

| Code | Description | Weight | Vol. | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590045-1 | Pneumatic Press Button | 0,52 | 0,078 | 10 |
| 00590045 | Pneumatic Press Button Chrome | 0,52 | 0,078 | 10 |



### Pneumatic Switch

Used with pneumatic press button for starting and ending massage functions.

| Code | Description | Weight | Vol. | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590049 | Pneumatic Switch | 0,53 | 0,0098 | 10 |




### Single Push Button Controls

Electronic control system for SPA or whirlpool controls, switching On/Off by pressing one push button. Electronic motor protection with a setting range of 0 to 8A ensures optimum pump protection. The controller is standard equipped with an adjustable runtime limitation from 0 to 25 minutes. Supplied with single push button switch in stainless steel cast, waterproof IP68, suitable for fitting below water surface, cable length of 1.5 m.

| Code | Description | Dimension | Power consumption | Switching capacity | Nominal Voltage |
|---|---|---|---|---|---|
| | | (mm) | (VA) | | (V) |
| 00590710 | Electronic Control Box | 175x125x76 | 2 | 8A AC3 | 1 / N / 230V / 50Hz |



| Code | Description | Diameter | Protection Class | Cable Length | Nominal Current |
|---|---|---|---|---|---|
| | | (mm) | | (m) | (mA) |
| 00590701 | SPA Electronic Control One Push Button | Ø28 | IP68 | 1,5 | 150mA |



### Three Push Button Controls

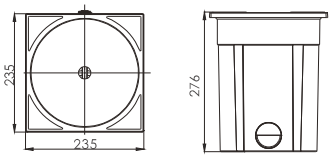
SPA control unit consist of 3 push button deck mountable fitting and electronic control box. Three Push Button fitting is mounted on the deck of the SPA and is connected to the electronic control box enabling users to stop / start massage functions, underwater lighting etc. 3 push button fitting made in white plastic, also available with S.S. trim on request , protection class IP65. Standard cable length 15 meters. Electronic control box – Input 230V / Power 1750W.

| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| 00590700 | SPA Electronic Control Three Push Button | 3,97 | 0,032 | 1 |

# Pool Fittings

## WATER LEVEL REGULATORS






### Water Level Regulator

Made of UV treated white ABS with square lid, with adjustable buoy. Direct connection to pool via skimmer.Installation of a level regulator will ensure that the desired water level is always maintained, thereby eliminating the risk of dry running of the pump when the water level falls below the skimmer weir level.

| Code | Description | Weight | Volume | Std Packing |
|---|---|---|---|---|
| | | kg | m³ | |
| **01230007** | Water Level Regulator ABS | 2 | 0,016 | 1 |




### Electronic Water Level Regulator

**For Skimmer with Solenoid Valve**

The waterproof mini float switch ( IP67 ) determines the water level in a skimmer. The mini float switch is installed on a support rail in the skimmer and can be switched from "filling" to "draining". A damped solenoid valve for the water inlet is available as an option. The sensor cable can be extended up to 50m with shielded cable. During wave movement , the integrated time delay prevents too short switching distances.

| Code | Description | Power / Voltage / Phase | Dimension | Electrode Voltage |
|---|---|---|---|---|
| | | kW/V/Phase/A | mm | V |
| **01231609** | Electronic Regulator w/ Solenoid Valve | 0,9 / 230 / Mono / 5 | 140x130x75 | 12 |




### Electronic Water Level Regulator

**With Solenoid Valve**

Atecpool electronic water level regulator consists of main control and sensor. The waterproof sensor (IP68) determines the water level. The electronic water level regulator operates with an input power of 24V DC and provides a 24V DC output to control the automatic filling device, such as a solenoid valve. The sensor cable can be extended up to 50m with shielded cable. The sensor is installed on a bracket and water filling is easily controlled. A damped solenoid valve for the water inlet is provided. During wave movement , the integrated time delay prevents too short switching distances.

| Code | Description | Input voltage/ Power | Waterproof level | Work temp. | Solenoid Voltage |
|---|---|---|---|---|---|
| | | | | | |
| **01231619** | Electronic Water Level Regulator | 24V DC / 10W | Main control: IP65 | 0°-60°C | 24V DC |



### Electronic Water Level Regulator

**For overflow pool**

Level Regulator with graphical water level indicator for swimming pools and whirlpools with overflow channel. In addition to the water level control, the control system also contains a dry running protection and force the filter pump to switch-on. 5 or 6 stainless steel electrodes are hung in the collection tank and are connected to the control system to determine the water level. These electrodes have different colored wires and are available in two grades of SS. The electrode 6 ( terminal 9 ) enables independent activation of the mode forced switch-on and water feed.

| Code | Description | Power / Voltage / Phase | Dimension | Electrode Voltage |
|---|---|---|---|---|
| | | | (mm) | |
| **01231202** | Electronic Regulator for Overflow | 0,5 KW/ 230V / Mono / 4A | 220x220x100 | 12V |

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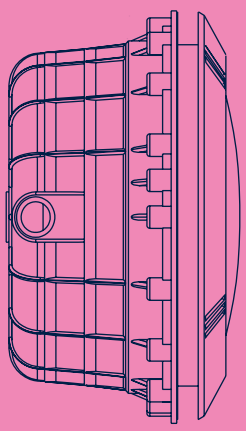
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# Pool Lighting



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# Atecpool Underwater Lighting

**ATECPOOL** High-quality LED underwater illumination for swimming pools, water features and spa. Advanced PWM technology, enhanced IP68-rated lamps, and design excellence, combined with easy installation, make **ATECPOOL** underwater lights a value-engineered product. We adopt the latest technologies in pool lighting with lamps that are fully resin filled, making it 100% waterproof.

Energy-efficient LED solutions for a greener planet are our core mission combined with best aesthetics to your pool. At **ATECPOOL** we consider swimming pool lighting as an art, where we excel in this art form, thanks to advanced technology and design excellence.

**ATECPOOL** underwater LED illumination, we take pride in transforming your swimming pool lighting into an unrivalled visual experience.

Underwater light

Super Bright Lighting LED

# Atecpool Underwater Lighting

## Commercial and Sports Lighting



### Designed for commercial, recreational, instructional and paddling pools.

Enjoy the power of super-bright LED underwater lights

Atecpool EVA LED lighting models meet the international safety standard for underwater lighting IEC EN 60598-2-18. The luminaires were tested for electrical safety (SELV), water resistance (IPX8 / IP68), insulation class (III), impact resistance, mechanical strength, resistance to high pressure, thermal protection and fire safety.

INSPIRED By Water

ATECPOOL

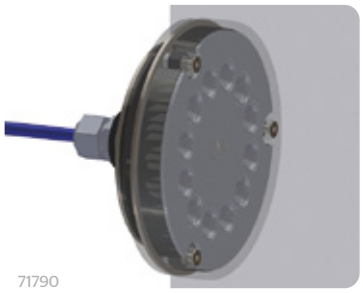
BWT GROUP

# Atecpool EVA LED

## COMMERCIAL AND SPORTS LIGHTING

### Atecpool Eva A Series for surface mounting

#### Atecpool EVA A6 and A12 LED for surface mounting without any cover plate.



71790

| Code | Description |
|---|---|
| | |
| 71770 | EVA A6 Fixed Colour |
| 71790 | EVA A12 Fixed Colour |
| 71780 | EVA A6 RGBW Multi-colour |
| 71793 | EVA A12 RGBW Multi-colour |

#### Atecpool Eva A Series, S.S. 316 Cover plate for A6 and A12 LED





Atecpool EVA A6 with coverplate



Atecpool EVA A12 with coverplate

| Code | Description | Size |
|---|---|---|
| | | |
| 71673 | S.S. 316 Cover Plate for A6 and A12 LED for concrete pool | Ø194 mm |
| 71677 | S.S. 316 Cover Plate for A6 and A12 LED for liner pool | Ø174 mm |

#### Atecpool Eva A Series Extension kit for surface mounting



71681

| Code | Description |
|---|---|
| 71681 | S.S 316 Backside |
| | Rubber Ring |
| | Rubber Ring small |
| | Iron Ring |
| | S.S 316 Lock Nut |
| | Cable-gland |
| | Washer |
| | Seal |

#### Atecpool A Series Installation Housing for Concrete Pool



71670

| Code | Description |
|---|---|
| 71670 | Installation Hosing |
| | Plastic Screws M6x25 |
| | Cable Gland |
| | Washer |
| | Seal |
| | Hose |

#### Atecpool Eva A Series, Installation Housing in ABS for Liner pool

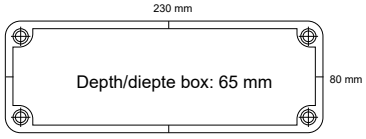


71675

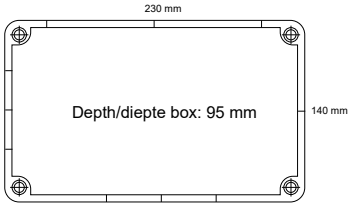
| Code | Description |
|---|---|
| 71675 | Installation Hosing |
| | Rubber Ring (2 mm) |
| | Ring (3 mm) |
| | Cover Ring |
| | Cable-gland |

| Code | Description |
|---|---|
| 71675 | Washer |
| | Seal |
| | Hose Barb |
| | Hose |
| | Screws M5x25 |

#### Power Box A6 Mono for fixed colour




#### Power Box A6 RGBW / A12 RGBW for multi-colour and A12 mono for fixed colour

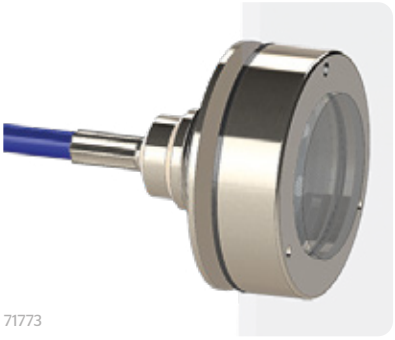


# Atecpool EVA LED

## SPA LIGHTING

### Atecpool Eva Q Series for surface mounting

#### Atecpool EVA Q2 LED for surface mounting



71773

| Code | Description |
|---|---|
| | |
| 71773 | EVA Q2 Fixed Colour |
| 71775 | EVA Q2 RGBW Multi-colour |

#### Atecpool Eva Q Series, S.S. 316 Cover plate for Q2 LED



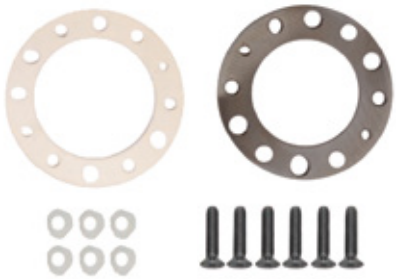
Atecpool EVA Q2 with flat coverplate for concrete



Atecpool EVA Q2 with coverplate flanged edge for liner

| Code | Description | Size |
|---|---|---|
| | | |
| 71692 | S.S. 316 Cover Plate for Q2 LED for concrete pool | Ø194 mm |
| 71696 | S.S. 316 Cover Plate for Q2 LED for liner pool | Ø174 mm |

#### Atecpool Eva Q Series Extension kit for surface mounting



| Code | Description |
|---|---|
| 71695 | EPDM Packing |
| | S.S. Ring |
| | Installation Sleeve |
| | Bolt M6x16 |

#### Atecpool Q Series Installation Housing S.S.316 for Concrete Pool



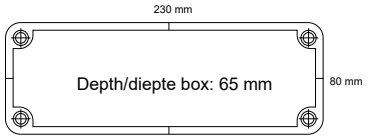
| Code | Description |
|---|---|
| 71691 | Tube |
| | Cable-gland |
| | S.S 316 Niche |
| | Bolt M4X20 |

#### Atecpool Eva Q Series, Installation Housing S.S.316 for Liner pool

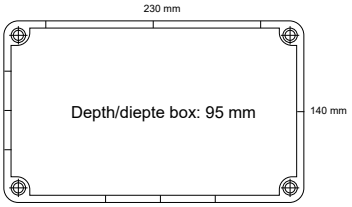


| Code | Description |
|---|---|
| 71693 | Tube |
| | Cable Gland |
| | S.S 316 Niche |
| | Bolt M4X20 |
| | EPDM Packing |
| | Stainless Steel Ring |
| | Installation Sleeve |
| | Bolt M6X16 |
| | M3 nut |
| | Plastic fitting ring |

#### Power Box Q2 / B1 Mono for fixed colour




#### Power Box Q2 / B1 RGBW for multi-colour




### Atecpool ArchiTech EVO DMX control unit

#### Accessories DMX and Dimming electronics

The ArchiTech EVO DMX control unit is ideal for use in high end applications. The EVO has an intuitive operation and extensive possibilities. Colour Selection using the OLED display, dimming, scene selection and speed. Use the software on PC, tablet or smartphone for remote control. Connect music systems to the lighting with the EVO controller for a unique audio-visual experience. All Atecpool EVA lighting is centrally controlled with the Atecpool ArchiTech EVO controller. We can customize the programming so that the system is tailored to your project.




| Code | Description |
|---|---|
| 71783 | Dimming Pack for all Models Except RGBW Lights |
| 71785 | Remote Control Multicolour / RGBW Lights Standard |
| 71787 | DMX Control EVO-Touch Screen HR OLED Display |
| 71789 | DMX Cable / Per Meter |
| 71791 | EVA Aqua cable RGBW 7 x 0,5 mm2 / Per Meter |

Underwater light

Super Bright Lighting LED

# Atecpool Linear Lighting

## LED STRIP IP68 RATING

### Underwater Lighting

- IP68 waterproof
- High-quality
- Flexible
- RoHS compliant
- Colorwheel remote
- Mounting channel



2 years warranty

INSPIRED By Water

ATECPOOL BWT GROUP

# Atecpool LED Strip IP68

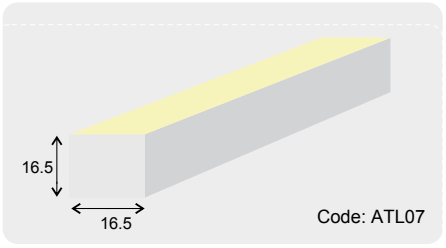
## WAVE LINEAR

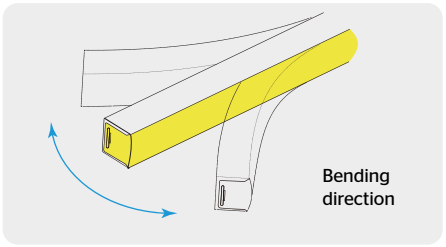
### Atecpool Wave Linear LED Strip IP68

Atecpool LED Linear Lighting Wave Linear, 16.5 x 16.5 mm, is a high-quality, flexible LED strip, with a 16.5m illuminated side. Current regulator via integrated circuit. Generated heat is dissipated due to thermally conductive coating. Fully waterproof IP68 end connection for strip LED by molded Injection connector with a unique co-extrusion technology. Lead-free, RoHS compliant.



**Wave Linear size 16.5 x 16.5 mm with 16.5mm illuminated side.**

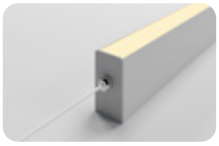



| Model | Wave Linear LED Neon Strip | Wave Linear RGB LED Multicolor Strip | Wave Linear RGBW LED Multicolor Strip |
|---|---|---|---|
| Code | ATL07 | ATL07 RGB | ATL07 RGBW |
| Type of Light | SMD3528 | SMD5050 | SMD5050 Tri-chip |
| Colour Temperature / Selection | 6500K / 5000K / 3000K / 2700K BLUE / RED / GREEN/ | RGB | RGBW (W: 2200K/ 3000K /4000K) |
| Material used | ECO PVC | ECO PVC | ECO PVC |
| Operating Voltage | 24V DC | 24V DC | 24V DC |
| Power Consumption | 9W / m | 13W / m | 17W / m |
| Lumen (lm) | 400 lm | 220 lm | 220 lm |
| LED Quantity / m | 120 pcs | 72 pcs | 60 pcs |
| Min Cutting Length | 10 cm | 10 cm | 10 cm |
| Max Length | 20 m | 10 m | 8 m |
| Protection Rating | IP68 | IP68 | IP68 |
| Maximum Bending | Diameter 12 cm | Diameter 12cm | Diameter 12 cm |
| Bending Direction | Vertically | Vertically | Vertically |
| Ambient Temp | -30°C to +45°C | -30°C to +45°C | -30°C to +45°C |
| Controller | 24V DC Power Supply | 24V DC Power Supply | PWM Controller |

### Connection types

End connection

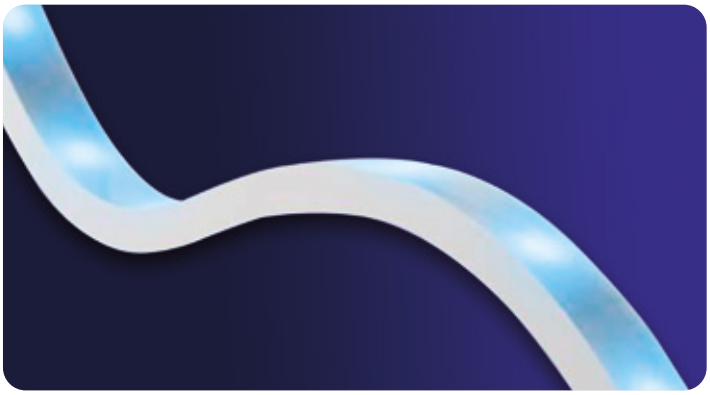


Side connection



Rear connection





### Mounting Channels



**ATLA014**: Aluminium mounting channel 1m
Dimensions: 20.4~16.2x19.6 mm (WxH)



**ATLA014-SS** : Stainless steel 304 mounting channel 1m
Dimensions: 18~15.91x21.8 mm (WxH)

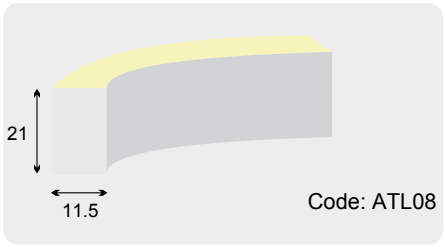
# Atecpool LED Strip IP68

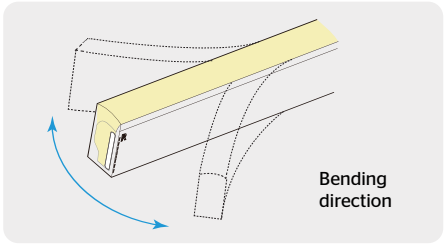
## CURVE LINEAR

### Atecpool Curve Linear LED Strip IP68

Atecpool LED Linear Lighting Curve Linear, 21 x 11.5 mm, is a high-quality, flexible LED strip, with a 11.5 mm illuminated side. Current regulator via integrated circuit. Generated heat is dissipated due to thermally conductive coating. Fully waterproof IP68 end connection for strip LED by molded Injection connector with a unique co-extrusion technology. Lead-free, RoHS compliant.





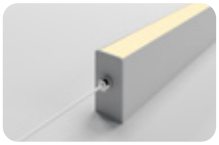




**Curve Linear size 11.5x21 mm with 11.5 mm illuminated side**

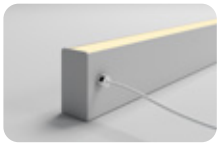
| Model | Curve Linear LED Neon Strip | Curve Linear LED Neon Strip | Curve Linear RGB Multicolor Strip |
|---|---|---|---|
| Code | ATL08 | ATL08 RGB | ATL08 RGBW |
| Type of Light | SMD5050 | SMD5050 | SMD5050 Tri-chip |
| Colour Temperature / Selection | 6500K / 5000K / 3000K / 2700K/ BLUE / RED / GREEN | RGB | RGBW (W: 2200K /3000K /4000K) |
| Material used | ECO PVC | ECO PVC | ECO PVC |
| Operating Voltage | 24V DC | 24V DC | 24V DC |
| Power Consumption | 12W / m | 12W / m | 17W / m |
| Lumen (lm) | 320 lm | 220 lm | 220 lm |
| LED Quantity / m | 60 pcs | 60 pcs | 60 pcs |
| Min Cutting Length | 10 cm | 10 cm | 10 cm |
| Max Length | 20 m | 10 m | 8 m |
| Protection Rating | IP68 | IP68 | IP68 |
| Maximum Bending | Diameter 8cm | Diameter 8cm | Diameter 8cm |
| Bending Direction | Horizontally | Horizontally | Horizontally |
| Ambient Temp | -30°C to +45°C | -30°C to +45°C | -30°C to +45°C |
| Controller | 24V DC Power Supply | 24V DC Power Supply | PWM Controller |

### Connection types

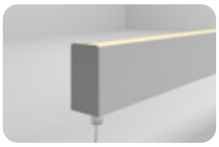
End connection

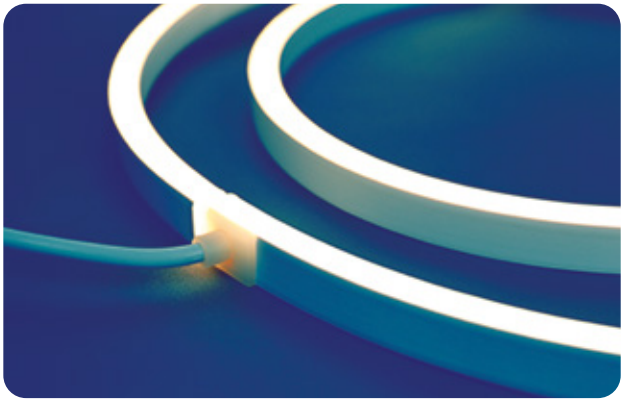


Side connection



Rear connection





### Mounting Channels



ATLA015: Aluminium mounting channel 1m
Dimensions: 15.1~11.09x24.4 mm (WxH)



ATLA015-SS : Stainless steel 304 mounting channel 1m
Dimensions: 14.8~11x26 mm (WxH)

Underwater light

Radiant LED lighting

# Atecpool Underwater Lighting

## RADIANT LED PAR 56 BULB FOR RECESSED UNDERWATER LIGHTING




- Save up to 90% on your energy bill.
- Eco-friendly bulb
- Super bright LED
- 2 years warranty

### Underwater Radiant LED

"Adding light to your life"/
Dimension: Ø176*107mm / Lumen: 3300 lm

Remotely controlled colour sequence arranged in 16 programs





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BWT GROUP

# Atecpool Euro LED

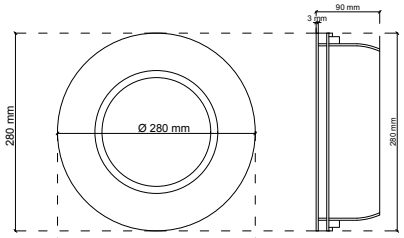
## 12V AC - IP68

### Euro LED PAR 56 SMD

Extra flat PAR 56 LED introduced to niche lights for installations with less wall widths and wall flush design lighting. High technology SMD LEDs are used to create at maximum of 3200 Lumen in single LED bulb. The LED lamp shell comes in plastic, supplied with niche of 9cm depth. Waterproof IP68. Colour selection of cool white, warm white and blue.

| Code | 81755CW | 81762WW | 81771B |
|---|---|---|---|
| Color | Cool white | Warm White | BLUE |
| LED Type | SMD LED | SMD LED | SMD LED |
| LED Quantity | 72 | 72 | 72 |
| Power | 30 W | 30 W | 30 W |
| Input Voltage | 12V AC | 12V AC | 12V AC |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Lumen | 3200 lm | 2500 lm | 680 lm |
| Cable Specification | 2 x 1.5 mm² | 2 x 1.5 mm² | 2 x 1.5 mm² |
| Color Temperature | 6500K | 3000K | Blue |



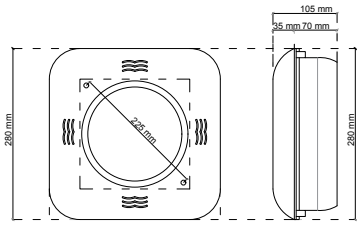



### Euro Square LED PAR 56 SMD

Extra flat PAR 56 LED introduced to niche lights for installations with less wall widths. Square type LED design lighting. The LED lamp shell comes in plastic, supplied with niche of 9cm depth. Colour selection of cool white, warm white and blue.

| Code | 82755CW | 82762WW | 82771B |
|---|---|---|---|
| Color | Cool white | Warm White | BLUE |
| LED Type | SMD LED | SMD LED | SMD LED |
| LED Quantity | 81 | 81 | 81 |
| Power | 30 W | 30 W | 30 W |
| Input Voltage | 12V AC | 12V AC | 12V AC |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Lumen | 3200 lm | 2500 lm | 680 lm |
| Cable Specification | 2 x 1.5 mm² | 2 x 1.5 mm² | 2 x 1.5 mm² |
| Color Temperature | 6500K | 3000K | Blue |






### Radiant LED PAR 56 SMD Bulb

Specially designed for your pools, with maximum efficiency lighting and maximum energy savings. High technology SMD LEDs create at maximum of 3300 Lumen in a single LED bulb. The LED Lamp shell comes with options of a Plastic Shell or Aluminium base. Aluminium base designed for extra-long life span for LEDs. Waterproof IP68. Colour selection is cool white, warm white, blue and RGB.



92001



92005

| Code | 92005 CW | 92005 WW | 92005 B | 92001 |
|---|---|---|---|---|
| Color | Cool White | Warm White | Blue | RGB |
| LED Type | SMD | SMD | SMD | SMD |
| LED Quantity | 432 | 432 | 432 | 432 |
| Power | 33 W | 33 W | 33 W | 30W |
| Input Voltage | 12V AC | 12V AC | 12V AC | 12V AC |
| Frequency | 50/60 Hz | 50/60 Hz | 50/60 Hz | 50/60 Hz |
| Lumen | 3300 lm | 2600 lm | 720 lm | 1550 lm |
| Operation temperature | -30°C / +50°C | -30°C / +50°C | -30°C / +50°C | -30°C / +50°C |
| Cable Specification | 2 x 1.5 mm² | 2 x 1.5 mm² | 2 x 1.5 mm² | 2 x 1.5 mm² |
| Color Temperature | 6500K | 3000K | Blue | RGB |

Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

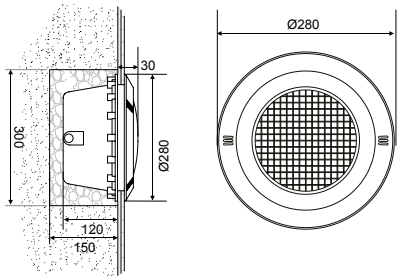
Fast Return on Investment

# Atecpool Radiant LED PAR 56 Lighting

## FOR CONCRETE, LINER AND PRE-FABRICATED POOLS

### Atecpool Radiant LED PAR56 Underwater Lighting

Radiant LED PAR 56 Underwater Lighting achieves power savings of more than 90% over traditional lighting. Available for concrete, liner and pre-fabricated pools with choice of LED in Cool White, Warm White, Blue and RGB (colour changing).
12V AC power supply input with 2 core cable selection of Radiant LED PAR 56 lamps for any choice of LED including RGB. RGB LEDs are synchronized using Atecpool LED Modulators with a remote control system. IP68 waterproof.




### Radiant LED PAR56 Lighting – Concrete pools


81300-09 RGB

| Code | Description | Power / Voltage |
|---|---|---|
| **81300-09 RGB** | Radiant LED PAR56 RGB ABS w/ niche | 30W/12V AC |
| **81300-09 CW** | Radiant LED PAR56 Cool White ABS w/ niche | 33W/12V AC |
| **81300-09 WW** | Radiant LED PAR56 Warm White ABS w/ niche | 33W/12V AC |
| **81300-09 B** | Radiant LED PAR56 Blue ABS w/ niche | 33W/12V AC |
| **82300-09 RGB** | Radiant LED PAR56 RGB S.S. Trim w/ niche | 30W/12V AC |
| **82300-09 CW** | Radiant LED PAR56 Cool White S.S. Trim w/ niche | 33W/12V AC |
| **82300-09 WW** | Radiant LED PAR56 Warm White S.S. Trim w/ niche | 33W/12V AC |
| **82300-09 B** | Radiant LED PAR56 Blue S.S. Trim w/ niche | 33W/12V AC |

Color temperature: Cool white: 6500K, Warm white: 3000K
Lumen: RGB ~2300 lm / Cool White ~3300 lm / Warm White ~2600 lm

### Radiant LED PAR56 Lighting – Liner pools


81301-09 RGB

| Code | Description | Power / Voltage |
|---|---|---|
| **81301-09 RGB** | Radiant LED PAR56 RGB ABS w/ niche | 30W/12V AC |
| **81301-09 CW** | Radiant LED PAR56 Cool White ABS w/ niche | 33W/12V AC |
| **81301-09 WW** | Radiant LED PAR56 Warm White ABS w/ niche | 33W/12V AC |
| **81301-09 B** | Radiant LED PAR56 Blue ABS w/ niche | 33W/12V AC |
| **82301-09 RGB** | Radiant LED PAR56 RGB S.S. Trim w/ niche | 30W/12V AC |
| **82301-09 CW** | Radiant LED PAR56 Cool White S.S. Trim w/ niche | 33W/12V AC |
| **82301-09 WW** | Radiant LED PAR56 Warm White S.S. Trim w/ niche | 33W/12V AC |
| **82301-09 B** | Radiant LED PAR56 Blue S.S. Trim w/ niche | 33W/12V AC |

Color temperature: Cool white: 6500K, Warm white: 3000K
Lumen: RGB ~2300 lm / Cool White ~3300 lm / Warm White ~2600 lm

### Radiant ECO LED PAR56 Lighting – Concrete pools


84310-09 RGB

| Code | Description | Power / Voltage |
|---|---|---|
| **84310-09 RGB** | Radiant ECO LED PAR56 RGB ABS w/ niche | 30W/12V AC |
| **84315-09 CW** | Radiant ECO LED PAR56 Cool White ABS w/ niche | 33W/12V AC |
| **84320-09 WW** | Radiant ECO LED PAR56 Warm White ABS w/ niche | 33W/12V AC |
| **84325-09 B** | Radiant ECO LED PAR56 Blue ABS w/ niche | 33W/12V AC |

Color temperature: Cool white: 6500K, Warm white: 3000K
Lumen: RGB ~2300 lm / Cool White ~3300 lm / Warm White ~2600 lm

### Radiant ECO LED PAR56 Lighting – Liner pools


84325-09 RGB

| Code | Description | Power / Voltage |
|---|---|---|
| **84325-09 RGB** | Radiant ECO LED PAR56 RGB ABS w/ niche | 30W/12V AC |
| **84330-09 CW** | Radiant ECO LED PAR56 Cool White ABS w/ niche | 33W/12V AC |
| **84335-09 WW** | Radiant ECO LED PAR56 Warm White ABS w/ niche | 33W/12V AC |
| **84445-09 B** | Radiant ECO LED PAR56 Blue ABS w/ niche | 33W/12V AC |

Color temperature: Cool white: 6500K, Warm white: 3000K
Lumen: RGB ~2300 lm / Cool White ~3300 lm / Warm White ~2600 lm

Underwater light

High Power Ultra Slim LED

# Atecpool Spectra-Slim LED Lighting

## SPECTRA-SLIM LED LIGHTING IN ABS AND S.S



**High Power Ultra Slim LED**
Super bright Ultra Slim LED Panel underwater lights for swimming pools and spa. Made of Stainless Steel AISI 316 with resin filled bulbs. The SS316 frame has state of art design to suit any niches using an installation adaptor kit. 100% acid-proof, alkali-proof and UV resistant. Low power consumption, high stability and completely waterproof.

2 years warranty

INSPIRED By Water

ATECPOOL
BWT GROUP

# Spectra-Slim LED Lighting ABS and SS 316

## HIGH POWER SLIM LED

### Atecpool Spectra-Slim LED Panel ABS and S.S. 316 Lighting

Super bright Ultra Slim LED panel underwater lights for swimming pools and spa. Made of ABS and stainless steel AISI 316 with resin filled bulbs which are 100% acid-proof, alkali-proof and UV resistant and ABS niche. Low power consumption, high stability, IP68 waterproof. Models available in RGB, Cool White, Warm White and Blue colour.
Supplied with 3m, 2x1.0 mm² cable for all models. RGB lights get synchronized using Atecpool LED modulators / remote control with colour sequence arranged in 16 programs. ABS and S.S. frame is compatible to any size niches using the installation adaptor kit supplied along with the lights.

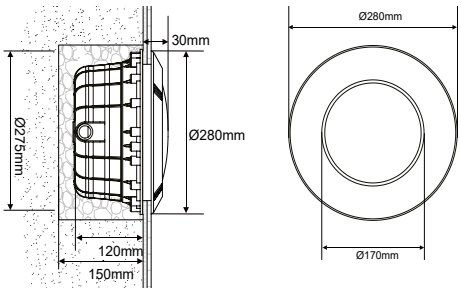


91252 RGB

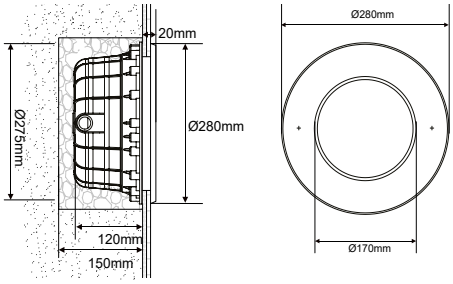


93252 RGB

### Spectra-Slim LED Panel ABS

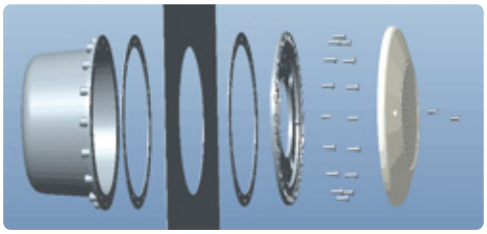



### Spectra-Slim LED Panel S.S

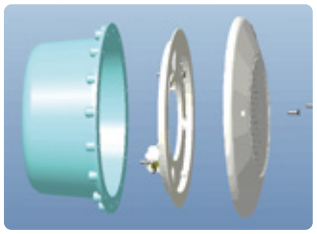



### Concrete, Liner and Pre-fabricated pools

**Easy installation**
Atecpool Spectra-Slim LED panel ABS lighting can be used for concrete, liner and pre- fabricated pools. Thanks to the installation adaptor kit supplied along with the lights it is possible to install in concrete, liner or pre-fabricated pools.



Liner/ Pre-fab



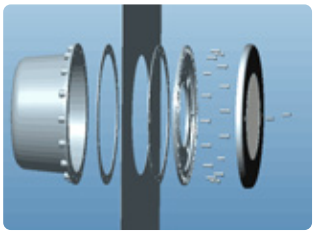
Concrete



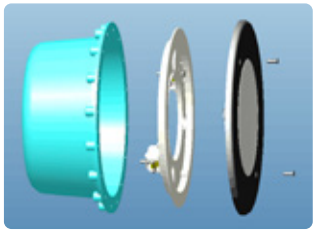
ABS niche



Adaptor Kit



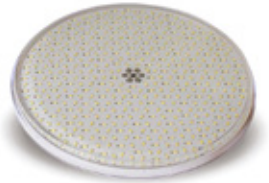
Liner/ Pre-fab

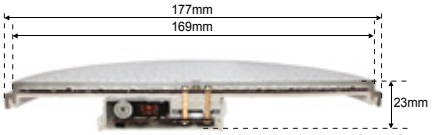


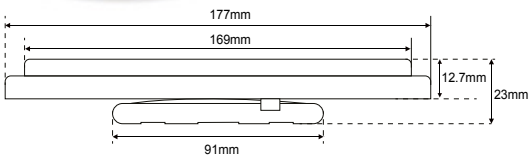
Concrete

### Atecpool Spectra-Slim LED Panel Bulb

Constant current driving, resin filled LEDs have consistent color and brightness, High stability and long life span.






### Spectra-Slim LED Panel Bulb-Specifications

| 252 LED Bulb code | 432 LED Bulb code | 531 LED Bulb code |
|---|---|---|
| 252RGB - 18W RGB | 432RGB - 30W RGB | 531RGB - 55W RGB |
| 252CW - 21W 6500K | 432CW - 33W 6500K | 531CW - 60W 6500K |
| 252WW - 21W 3000K | 432WW - 33W 3000K | 531WW - 60W 3000K |
| 252B - 21 W BLUE | 432B - 33W BLUE | 531B - 60W BLUE |

| RGB Bulb RGB 16 modes |
|---|
| 16 programs with synchronization capability |
| Power output in 3 models: 18W / 30W / 55W |

| Single Color Bulb Temperature 6500K / 3000K / Single Blue |
|---|
| Power output in 3 models: 21W / 33W / 60W |
| Standard input voltage: 12V AC / DC |

# Spectra-Slim LED Lighting ABS

## HIGH POWER SLIM LED



### Atecpool Spectra-Slim LED Panel ABS Lighting - Specification

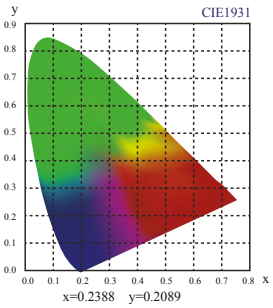
Atecpool Spectra-Slim LED Panel ABS Lights available in 3 power outputs combined with 3 different LED quantities.

### Spectra-Slim Panel 252 LED ABS Lighting 18/21W

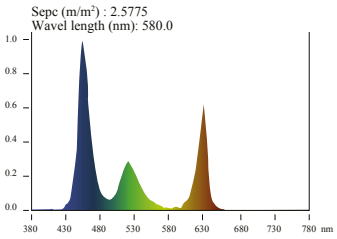
| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **91252 RGB** | Spectra Panel 252 LED RGB ABS w/ niche | 18W/12V AC | 925 lm | RGB 16 modes |
| **91252 CW** | Spectra Panel 252 LED Cool White ABS w/ niche | 21W/12V AC | 2100 lm | 6500K |
| **91252 WW** | Spectra Panel 252 LED Warm White ABS w/ niche | 21W/12V AC | 1920 lm | 3000K |
| **91252 B** | Spectra Panel 252 LED Blue ABS w/ niche | 21W/12V AC | 470 lm | Single Blue |

### Photometrics - 91252 RGB 18W 252 LED / 12V AC

| | |
|---|---|
| CCT (K) | 100000 |
| Candle E (fc) | 162.97 |
| CCT (K) | 100000 |
| CCT (K) | 100000 |

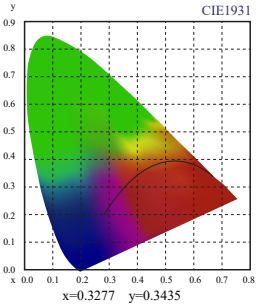



| | |
|---|---|
| CCT (K) | 100000 |
| Candle E (fc) | 162.97 |
| CCT (K) | 100000 |
| CCT (K) | 100000 |
| x, y | 0. 2388, 0. 2089 |
| u, v | 0. 1899, 0. 2492 |

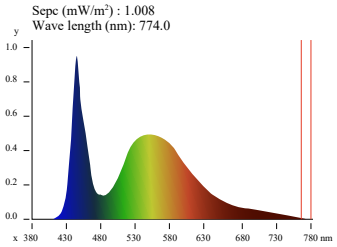



### Photometrics - 91252 CW 21W 6500K LED / 12V AC

| | |
|---|---|
| E ( lx ) | 3429 |
| Candle E (fc) | 318.70 |
| CCT (K) | 6500 |
| CCT (K) | 6500 |




| | |
|---|---|
| E ( lx ) | 3429 |
| Candle E (fc) | 318.70 |
| CCT (K) | 6500 |
| CCT (K) | 6500 |
| x, y | 0. 3277, 0. 3435 |
| u, v | 0. 2027, 0. 3187 |

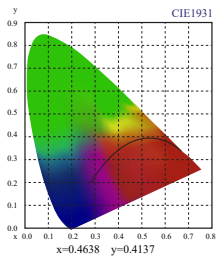



### Spectra-Slim Panel 432/180 LED ABS Lighting 30/33W

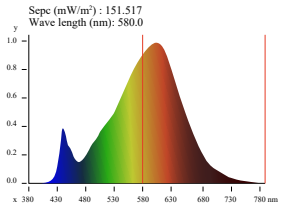
| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **91432 RGBW** | Spectra Panel 180 LED RGBW ABS w/ niche | 33W/12V AC | 2600 lm | RGB 16 modes/W 3000K |
| **91432 RGB** | Spectra Panel 432 LED RGB ABS w/ niche | 30W/12V AC | 1550 lm | RGB 16 modes |
| **91432 CW** | Spectra Panel 432 LED Cool White ABS w/ niche | 33W/12V AC | 3300 lm | 6500K |
| **91432 WW** | Spectra Panel 432 LED Warm White ABS w/ niche | 33W/12V AC | 2600 lm | 3000K |
| **91432 B** | Spectra Panel 432 LED Blue ABS w/ niche | 33W/12V AC | 720 lm | Single Blue |

### Photometrics - 91432 WW 33W 3000K LED / 12V AC

| | |
|---|---|
| E ( lx ) | 8478 |
| Candle E (fc) | 787.91 |
| CCT (K) | 3000 |
| CCT (K) | 3000 |




| | |
|---|---|
| E ( lx ) | 8478 |
| Candle E (fc) | 787.91 |
| CCT (K) | 3000 |
| CCT (K) | 3000 |
| x, y | 0. 4638, 0. 4137 |
| u, v | 0. 2636, 0. 3527 |




### Spectra-Slim Panel 531 LED ABS Lighting 55/60W

| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **91531 RGB** | Spectra Panel 531 LED RGB ABS w/ niche | 55W/12V AC | 2380 lm | RGB 16 modes |
| **91531 CW** | Spectra Panel 531 LED Cool White ABS w/ niche | 60W/12V AC | 5500 lm | 6500K |
| **91531 WW** | Spectra Panel 531 LED Warm White ABS w/ niche | 60W/12V AC | 4950 lm | 3000K |
| **91531 B** | Spectra Panel 531 LED Blue ABS w/ niche | 60W/12V AC | 1450 lm | Single Blue |

# Spectra-Slim LED Lighting S.S. 316

## HIGH POWER SLIM LED



### Atecpool Spectra-Slim LED Lighting S.S. 316 - Specification

Atecpool Spectra-Slim LED Panel S.S. 316 Lights available in 3 power outputs combined with 3 different LED quantities. SS 316 niche available upon request.

### Spectra-Slim Panel 252 LED S.S. 316 Lighting 18/21W

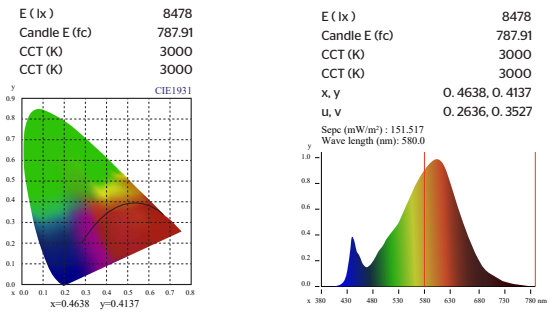
| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **93252 RGB** | Spectra Panel 252 LED RGB S.S. 316 w/ ABS niche | 18W/12V AC | 925 lm | RGB 16 Mode |
| **93252 CW** | Spectra Panel 252 LED Cool White S.S. 316 w/ ABS niche | 21W/12V AC | 2100 lm | 6500K |
| **93252 WW** | Spectra Panel 252 LED Warm White S.S. 316 w/ ABS niche | 21W/12V AC | 1920 lm | 3000K |
| **93252 B** | Spectra Panel 252 LED Blue S.S. 316 w/ ABS niche | 21W/12V AC | 470 lm | Single Blue |

### Spectra-Slim Panel 432 LED S.S. 316 Lighting 30/33W

| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **93432 RGBW** | Spectra Panel 180 LED RGBW S.S. 316 w/ ABS niche | 33W/12V AC | 2600 lm | RGB 16 modes/W 3000K |
| **93432 RGB** | Spectra Panel 432 LED RGB S.S. 316 w/ ABS niche | 30W/12V AC | 1550 lm | RGB 16 Mode |
| **93432 CW** | Spectra Panel 432 LED Cool White S.S. 316 w/ ABS niche | 33W/12V AC | 3300 lm | 6500K |
| **93432 WW** | Spectra Panel 432 LED Warm White S.S. 316 w/ ABS niche | 33W/12V AC | 2600 lm | 3000K |
| **93432 B** | Spectra Panel 432 LED Blue S.S. 316 w/ ABS niche | 33W/12V AC | 720 lm | Single Blue |

### Photometrics - 93432 WW 33W 3000K LED / 12V AC

33W-3000K



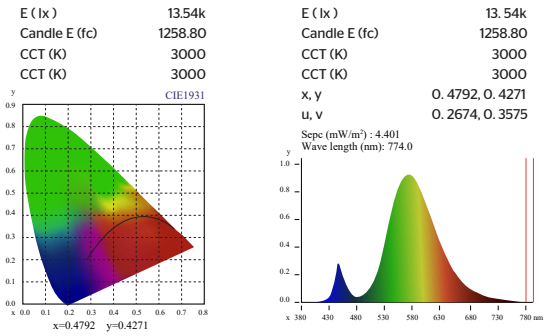



Stainless steel niche available upon request

### Spectra-Slim Panel 531 LED S.S. 316 Lighting 55/60W

| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **93531 RGB** | Spectra Panel 531 LED RGB S.S. 316 w/ ABS niche | 55W/12V AC | 2380 lm | RGB 16 Mode |
| **93531 CW** | Spectra Panel 531 LED Cool White S.S. 316 w/ ABS niche | 60W/12V AC | 5500 lm | 6500K |
| **93531 WW** | Spectra Panel 531 LED Warm White S.S. 316 w/ ABS niche | 60W/12V AC | 4950 lm | 3000K |
| **93531 B** | Spectra Panel 531 LED Blue S.S. 316 w/ ABS niche | 60W/12V AC | 1450 lm | Single Blue |

### Photometrics - 93531 WW 60W 3000K LED / 12V AC



# Spectra Extra Flat LED Lighting

## S.S. 316 SURFACE MOUNTED

### Atecpool Spectra Extra Flat LED S.S. 316 Lighting

LED underwater light for swimming pools and spa. Lamps fully filled with resin, completely waterproof, wall mounted and nicheless with S.S frame. Models available in RGB, Cool White, Warm White and Blue colour. RGB lights work with the Atecpool LED modulator. There is a remote control system for synchronization.

### Specifications

- Electrical Connection: 12V AC
- 2X1.0 mm² cable
- Construction: Moulded housing S.S. AISI 316
- Protection Class: IP68
- Supplied with 3.5 m cable
- 16 programs with synchronization capability

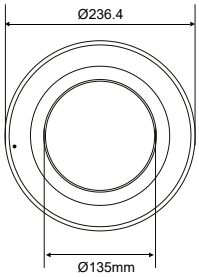
### Features

- Quality Resin filled lamps provides 100% waterproof assurance.
- Consumes 90% less energy than traditional lighting.
- High temperature protection guarantees the long life of LEDs.
- True PWM Technology is adopted.
- No niche, easy installation.
- Lights can be wired to any 12V AC transformer.



20524




**LED Modulator**

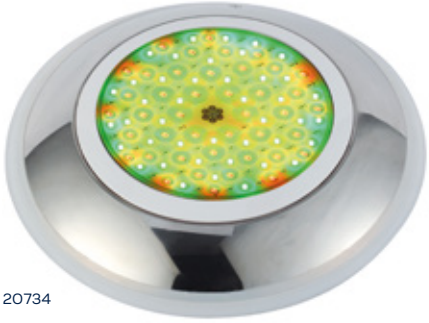


2 CORE connection
-WITH REMOTE CONTROL-

| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **20524** | Spectra Extra Flat RGB S.S 316 | 18W / 12V AC | 925 lm | RGB 16 Mode |
| **20528** | Spectra Extra Flat Cool White S.S 316 | 21W / 12V AC | 2100 lm | 6500K |
| **20532** | Spectra Extra Flat Warm White S.S 316 | 21W / 12V AC | 1920 lm | 3000K |
| **20536** | Spectra Extra Flat Blue S.S 316 | 21W / 12V AC | 470 lm | Single Blue |

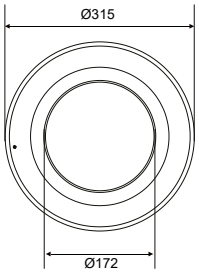
Easy Colour Picker

### Atecpool Spectra High Power Extra Flat LED S.S. 316 Lighting



20734




International Safety Tested IEC EN 60598-2-18

Fast Return on Investment

| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| **20734** | Spectra High Power Extra Flat RGB S.S 316 | 30W / 12V AC | 1550 lm | RGB 16 Mode |
| **20738** | Spectra High Power Extra Flat Cool White S.S 316 | 33W / 12V AC | 3300 lm | 6500K |
| **20742** | Spectra High Power Extra Flat Warm White S.S 316 | 33W / 12V AC | 2600 lm | 3000K |
| **20746** | Spectra High Power Extra Flat Blue S.S 316 | 33W / 12V AC | 720 lm | Single Blue |

# Lumina Extra Flat LED Lighting

## ABS SURFACE MOUNTED

### Atecpool Lumina Extra Flat Panel LED ABS Lighting

Lumina Extra Flat LED ABS underwater lights for swimming pools and spa. Lamps fully filled with resin, completely waterproof, wall mounted, nicheless in ABS. Models available in RGB, Cool White, Warm White and Blue colour. RGB lights works with the Atecpool LED modulator. There is a remote control system for synchronization.

#### Specifications

- Electrical Connection: 12V AC.
- 2X1,0 mm² cable.
- Construction: Moulded housing in ABS.
- Protection Class: IP68.
- Supplied with 2 m cable.
- 16 programs with synchronization capability.

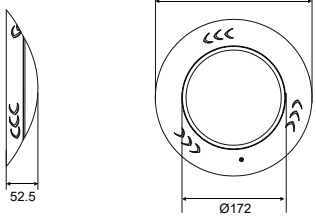
#### Features

- Quality Resin filled lamps provides 100% waterproof assurance.
- Consumes 90% less energy than traditional lighting.
- High temperature protection guarantees the long life of LEDs.
- True PWM technology is adopted.
- No niche, easy installation.
- Lights can be wired to any 12V AC transformer.

| Code | Description | Power / Voltage | Lumen | Color Temp. |
|---|---|---|---|---|
| **21814** | Lumina Extra Flat Panel 252 LED RGB ABS | 18W / 12V AC | 925 lm | RGB 16 Mode |
| **21818** | Lumina Extra Flat Panel 252 LED Cool White ABS | 21W / 12V AC | 2100 lm | 6500K |
| **21822** | Lumina Extra Flat Panel 252 LED Warm White ABS | 21W / 12V AC | 1920 lm | 3000K |
| **21826** | Lumina Extra Flat Panel 252 LED Blue ABS | 21W / 12V AC | 470 lm | Single Blue |






### Atecpool Lumina Extra Flat 199 LED ABS Lighting

Lumina Extra Flat LED ABS underwater light for wall mounting with 199 LED offering sixteen colour changing modes. The lights can be wired to any 12V AC transformer. Models available in RGB, Cool White, Warm White and Blue colour. RGB lights works with the Atecpool LED modulator. There is a remote control system for synchronization.

#### Specifications

- Electrical Connection: 12V AC
- 2X1.0 mm² cable
- Supplied material of construction: ABS
- Protection Class: IP68
- Supplied with 2 m cable
- 16 programs with synchronization capability.

#### Features

- UV protection.
- Consumes 90% less energy than traditional lighting.
- Tempered Protection Glass.
- No niche, easy installation.
- Constant-current driver to the LED.
- Low power consumption, low heat dissipation.



| Code | Description | Power / Voltage | Lumen |
|---|---|---|---|
| **20814** | Lumina Extra Flat 199 LED RGB ABS | 11W / 12V AC | 550 lm |
| **20818** | Lumina Extra Flat 199 LED Cool White ABS | 12W / 12V AC | 840 lm |
| **20822** | Lumina Extra Flat 199 LED Warm White ABS | 12W / 12V AC | 680 lm |
| **20826** | Lumina Extra Flat 199 LED Blue ABS | 12W / 12V AC | 260 lm |

Underwater light | Ultra Thin LED Lights | Extra Flat LED Lights

# Atecpool Ultra Thin and Extra Flat LED



AF16010

20769

## Ultra Thin Mini ABS LED Lighting

**Ultra Thin Lights**
Resin filled ultra thin mini ABS LED lighting for surface mounting.
Ø120 mm x 7.5 mm,Ø160 mm x 7.5 mm,Ø230 mm x 7.5 mm
Color temp. 6500K, 3000K, RGB

## Extra Flat Mini S.S. LED Lighting

**Extra Flat Lights**
Extra flat mini SS316L LED lighting for surface mounting. (Available in three different sizes)
Ø100 mm x 12 mm, Ø150 mm x 18 mm, Ø180 mm x 18 mm.
Color temp. 6500K, 3000K, RGB

2 years warranty

INSPIRED By Water

ATECPOOL
BWT GROUP

# Ultra Thin LED Lighting

## 12V AC/DC - IP68

### Atecpool Ultra Thin Surface LED - ABS and Stainless Steel AISI 316

Fully resin filled, ultra thin panel LED for surface mounting installations. Available in ABS and stainless steel AISI 316 fixture. ABS thickness upto 7.5 mm and stainless steel upto 4 mm thickness. Beam Angle: 120°. Supplied with 2 m length, 2x1mm² cable for single color and 4x1mm² cable for RGB. Extra flat model, ABS and SS niche available upon request.

### Atecpool Ultra Thin Surface LED 230 Ø- ABS and SS 316

230 mm Ø available in 18W (252 LED) / 25W (324 LED) and 35W (432 LED) output. Ultra Thin ABS LED 230 mm Ø / 7.5 mm thickness. Ultra Thin SS AISI 316 LED 230 mm Ø / 4 mm thickness.

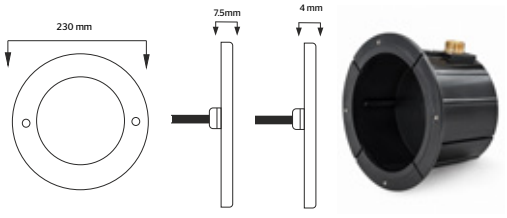
| Code | Model | Power / Voltage | Lumen (lm) | Color Temp |
|---|---|---|---|---|
| AF23035WW | Ultra Thin 432 LED ABS Warm White | 35W / DC 12V | 3150 | 3000K |
| AF23035CW | Ultra Thin 432 LED ABS Cool White | 35W / DC 12V | 3400 | 6500K |
| AF23035RGB | Ultra Thin 432 LED ABS RGB | 35W / DC 12V | 1890 | RGB |
| AF23035SWW | Ultra Thin 432 LED SS Warm White | 35W / DC 12V | 3150 | 3000K |
| AF23035SCW | Ultra Thin 432 LED SS Cool White | 35W / DC 12V | 3400 | 6500K |
| AF23035SRGB | Ultra Thin 432 LED SS RGB | 35W / DC 12V | 1890 | RGB |



AF23035WW



AF23035SRGB




ABS Models SS Models ABS Niche

### Atecpool Ultra Thin Surface LED 160 Ø- ABS and SS 316

Ultra Thin ABS LED 160 mm Ø /7.5 mm thickness. Ultra Thin SS AISI 316 LED 160 mm Ø / 4 mm thickness.

| Code | Model | Power / Voltage | Lumen (lm) | Color Temp |
|---|---|---|---|---|
| AF16010WW | Ultra Thin 108 LED ABS Warm White | 10W / DC 12V | 1010 | 3000K |
| AF16010CW | Ultra Thin 108 LED ABS Cool White | 10W / DC 12V | 1100 | 6500K |
| AF16010RGB | Ultra Thin 108 LED ABS RGB | 10W / DC 12V | 610 | RGB |
| AF16010SWW | Ultra Thin 108 LED SS Warm White | 10W / DC 12V | 1010 | 3000K |
| AF16010SCW | Ultra Thin 108 LED SS Cool White | 10W / DC 12V | 1100 | 6500K |
| AF16010SRGB | Ultra Thin 108 LED SS RGB | 10W / DC 12V | 610 | RGB |



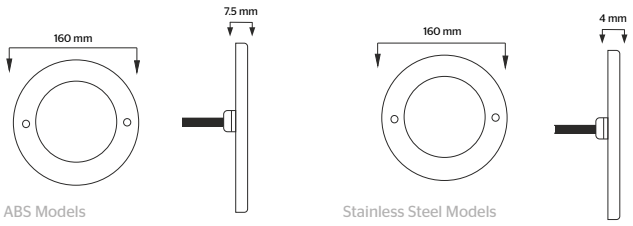
AF16010WW



AF16010SWW



ABS Niche




ABS Models Stainless Steel Models

### Atecpool Ultra Thin Surface LED - ABS(120 Ø)/SS 316 (110 Ø)

Ultra Thin ABS LED 120 mm Ø / 7.5 mm thickness. Ultra Thin SS AISI 316 LED 110 mm Ø / 4 mm thickness.

| Code | Model | Power / Voltage | Lumen (lm) | Color Temp |
|---|---|---|---|---|
| AF12006WW | Ultra Thin 63 LED ABS Warm White | 6W / DC 12V | 550 | 3000K |
| AF12006CW | Ultra Thin 63 LED ABS Cool White | 6W / DC 12V | 600 | 6500K |
| AF12006RGB | Ultra Thin 63 LED ABS RGB | 6W / DC 12V | 330 | RGB |
| AF11006SWW | Ultra Thin 63 LED SS Warm White | 6W / DC 12V | 550 | 3000K |
| AF11006SCW | Ultra Thin 63 LED SS Cool White | 6W / DC 12V | 600 | 6500K |
| AF11006SRGB | Ultra Thin 63 LED SS RGB | 6W / DC 12V | 330 | RGB |



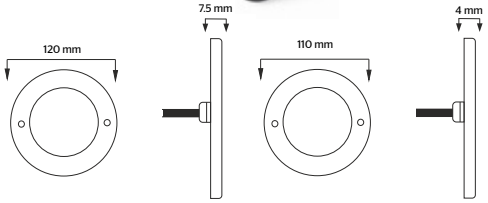
AF12006WW



AF11006SWW



ABS Niche



# Extra Flat Mini SS LED Light

## AISI 316L DESIGN LED

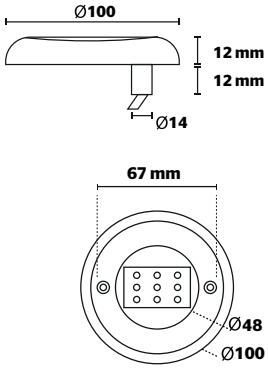
### Atecpool Extra Flat Mini SS Design LED

Fully resin filled panel LED for surface mounting installations in stainless steel construction in AISI 316L. Design LED selected for special water effects.
Color temperature: 6500K, 3000K/2700K and RGB.
Sizes: Ø100mm x 12mm, Ø150mm x 18mm, Ø180mm x 18mm.

### Extra Flat Mini SS 9 LED Lights



20768

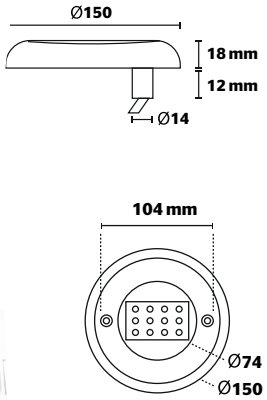



| Code | 20768 | 20765 | 20769 |
|---|---|---|---|
| Power | 10 W | 10 W | 10 W |
| Led type | CREE XPE LED | | |
| Construction | Stainless Steel AISI 316 | | |
| Luminous Flux | 600 lm | 550 lm | 330 lm |
| CCT Selection | 6500K | 3000K | RGB |
| Color code | Cool White | Warm White | RGB |
| Beam angle | 120° | 120° | 120° |
| Dimension (Ø x height) | 100 x 12 mm | | |
| Net Weight | 0.165 kg | | |
| Input Voltage | 12V AC/DC | 12V AC/DC | 12~24V DC |
| Insulation class / Rating | Class III / IP68 | | |

### Extra Flat Mini SS 12 LED Lights



20791

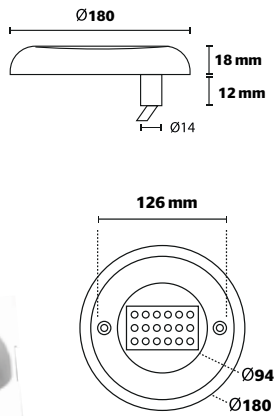



| Code | 20791 | 20770 | 20792 |
|---|---|---|---|
| Power | 18 W | 18 W | 18 W |
| Led type | CREE XPE LED | | |
| Construction | Stainless Steel AISI 316 | | |
| Luminous Flux | 925 lm | 850 lm | 680 lm |
| CCT Selection | 6500K | 3000K | RGB |
| Color code | Cool White | Warm White | RGB |
| Beam angle | 120° | 120° | 120° |
| Dimension (Ø x height) | 150 x 18 mm | | |
| Net Weight | 0.320 kg | | |
| Input Voltage | 12V AC/DC | 12V AC/DC | 12~24V DC |
| Insulation class / Rating | Class III / IP68 | | |

### Extra Flat Mini SS 18 LED Lights



20795




| Code | 20795 | 20794 | 20796 |
|---|---|---|---|
| Power | 25 W | 25 W | 25 W |
| Led type | CREE XPE LED | | |
| Construction | Stainless Steel AISI 316 | | |
| Luminous Flux | 2100 lm | 1920 lm | 1015 lm |
| CCT Selection | 6500K | 3000K | RGB |
| Color code | Cool White | Warm White | RGB |
| Beam angle | 120° | 120° | 120° |
| Dimension (Ø x height) | 180 x 18 mm | | |
| Net Weight | 0.630 kg | | |
| Input Voltage | 12V AC/DC | 12V AC/DC | 12~24V DC |
| Insulation class / Rating | Class III / IP68 | | |

Underwater light

Super Bright LED Lights

# Atecpool Lumina Mini

2 years warranty




## Lumina Mini S.S. 316

**Super bright lights**
Consumes 90% less energy than traditional lighting. Eco-friendly and no radiation. Low power consumption and low heat dissipation. Light transmission rate up to 92%. PWM technology adopted.No niche, solvent weld wall conduits Ø63 mm suitable for quick push-fit connections Lumina Mini S.S. Lights




## Lumina Mini ABS S.S. 316 trim

**Super bright lights**
Consumes 90% less energy than traditional lighting. Eco-friendly and no radiation. Low power consumption and low heat dissipation. Light transmission rate up to 92%. PWM technology adopted. No niche, 2" threaded wall conduits suitable for quick connections Lumina Mini ABS Lights with SS frame,




## Lumina Mini ABS

**Super bright lights**
Consumes 90% less energy than traditional lighting. Eco-friendly and no radiation. Low power consumption and low heat dissipation. Light transmission rate up to 92%. PWM technology adopted. No niche, 2" threaded wall conduits suitable for quick connections Lumina Mini ABS Lights.

INSPIRED By Water

ATECPOOL
BWT GROUP

# Lumina Mini Spa LED Lighting

## STAINLESS STEEL 316

### Atecpool Lumina Mini Spa LED Panel Lighting S.S. 316

Lumina Mini SPA lighting in stainless steel AISI 316. Quick push-fit connections to solvent weld wall conduit Ø63 mm. Fully resin filled panel LED offering sixteen colour changing functions in RGB mode. Light available in RGB, Cool White, Warm White and Blue colour options. RGB Lights are synchronized using Atecpool LED Modulators with remote control system. Maximum power consumption of 9W and can be connected to a 12V AC transformer.

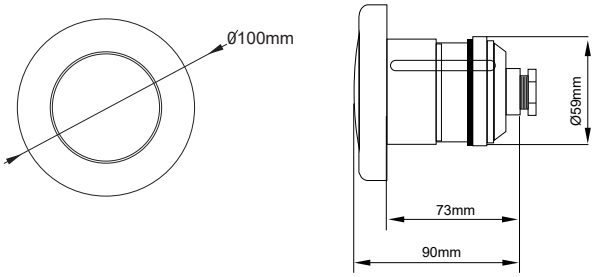
Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment



20444RGB




### Specifications

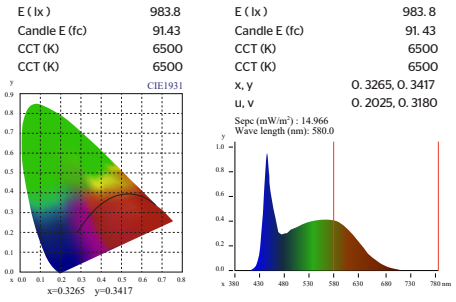
- Electrical Connection: 12V AC
- Complete with 2 core 2x10 mm² cable
- Material of construction: SS AISI 316
- Protection Class: IP68
- Lamp Life: Approx. 50,000 hrs
- Supplied with 2 m cable
- 16 programs with synchronized capability

### Features

- Consumes 90% less energy than traditional lighting.
- Eco-friendly, no radiation.
- Low power consumption, low heat dissipation.
- Light transmission rate up to 92%.
- PWM technology adopted
- No niche, solvent weld wall conduits Ø63 mm suitable for quick push-fit connections Lumina Mini S.S. Lights

| Code | Description | Power / Voltage | Lumen (lm) | Color Temperature |
|---|---|---|---|---|
| **20444RGB** | Lumina Mini Spa LED S.S RGB | 9W / 12V AC | 400 | RGB 16 Mode |
| **20444CW** | Lumina Mini Spa Led S.S. Cool White | 9W / 12V AC | 720 | 6500K |
| **20444WW** | Lumina Mini Spa LED S.S Warm White | 9W / 12V AC | 640 | 3000K |
| **20444B** | Lumina Mini Spa LED S.S Blue | 9W / 12V AC | 220 | Single Blue |

### Photometrics - 20444 CW 9W 6500K LED / 12V AC






# Lumina Mini Spa LED Lighting

## ABS WITH S.S. FACEPLATE

### Atecpool Lumina Mini Spa LED Panel Lighting - ABS with S.S. trim and ABS

Lumina Mini SPA lighting in ABS with quick connections to 2" threaded wall conduit. Fully resin filled panel LED offering sixteen colour changing functions in RGB mode. Light available in RGB, Cool White, Warm White and Blue colour options. RGB Lights are synchronized using Atecpool LED Modulators with remote control system. Maximum power consumption of 7W and can be connected to a 12V AC transformer.

Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment

### Specifications

- Electrical Connection: 12V AC
- Complete with 2 core 2x10 mm² cable
- Material of construction: ABS
- Protection Class: IP68
- Lamp Life: Approx. 50,000 hrs
- Supplied with 2 m cable
- 16 programs with synchronized capability

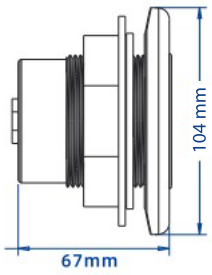
### Features

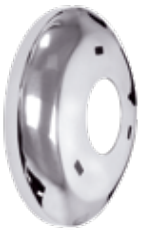
- Consumes 90% less energy than traditional lighting.
- Eco-friendly, no radiation.
- Low power consumption, low heat dissipation.
- Light transmission rate up to 92%.
- PWM technology adopted
- 2" threaded wall conduits suitable for quick connections Lumina Mini ABS Spa Lights

### Lumina Mini Spa LED Panel Lighting - ABS with S.S. faceplate



20224S RGB

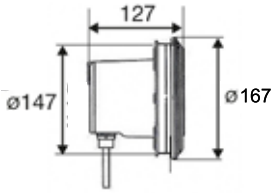


Lumina Mini Spa Panel Lighting with SS faceplate and ABS niche



20204S RGB

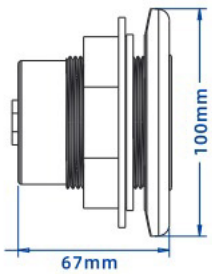



| Code | | Description | Power / Voltage | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|
| Threaded Type | Niche Type | | | | |
| **20224S RGB** | **20204S RGB** | Lumina Mini LED ABS with S.S. trim RGB | 6W / 12V AC | 350 | RGB 16 Mode |
| **20224S CW** | **20205S CW** | Lumina Mini LED ABS with S.S. trim Cool White | 7W / 12V AC | 600 | 6500K |
| **20224S WW** | **20206S WW** | Lumina Mini LED ABS with S.S. trim Warm White | 7W / 12V AC | 560 | 3000K |
| **20224S BLUE** | **20207S BLUE** | Lumina Mini LED ABS with S.S. trim Blue | 7W / 12V AC | 165 | Single Blue |

### Lumina Mini Spa LED Panel Lighting - ABS



20224 RGB

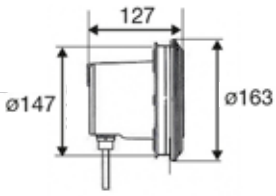





Lumina Mini Spa Panel Lighting with niche and face-plate in ABS



20204 RGB



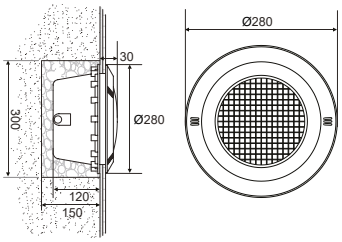

| Code | | Description | Power / Voltage | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|
| Threaded Type | Niche Type | | | | |
| **20224 RGB** | **20204 RGB** | Lumina Mini LED ABS RGB | 6W / 12V AC | 350 | RGB 16 Mode |
| **20224 CW** | **20205 CW** | Lumina Mini LED ABS Cool White | 7W / 12V AC | 600 | 6500K |
| **20224 WW** | **20206 WW** | Lumina Mini LED ABS Warm White | 7W / 12V AC | 560 | 3000K |
| **20224 BLUE** | **20207 BLUE** | Lumina Mini LED ABS Blue | 7W / 12V AC | 165 | Single Blue |

# Atecpool ABS Halogen Lights

## FOR CONCRETE, LINER AND PRE-FABRICATED POOL

### Atecpool ABS Halogen Standard Lights 300W / 12V

Frame made of white ABS, niche in white plastic. Complete with a 300W / 12V PAR56 bulb and 2X4 mm² cable of 3 m length. Two alternative cable outlets on the niche to pass through side or bottom. The light fixture is designed with additional cooling vents for halogen bulbs. Faceplate screwed directly to the niche using S.S. locking mechanisms holding the fixture tight. IP68 waterproof.




### Specifications

- Electrical Connection: 12V AC
- High-quality Chemical resistant ABS Plastic with UV protection
- Construction: Frame in white ABS, niche in white plastic

### Features

- Hose connection with M-25 gland seal body
- Supplied with 3 m cable
- S.S. Locking mechanism for fixing the light in ABS housing



81300

### Atecpool ABS Halogen Light - Concrete

| Code | Description | Packing | Weight (kg) |
|---|---|---|---|
| **81300** | ABS Light 300W / 12V with niche concrete | 1 | 2.8 |
| **82300** | ABS Light 300W / 12V with niche S.S. trim concrete | 1 | 3.15 |



81301

### Atecpool ABS Halogen Light - Liner

| Code | Description | Packing | Weight (kg) |
|---|---|---|---|
| **81301** | ABS Light 300W / 12V with niche liner | 1 | 3.15 |
| **82301** | ABS Light 300W / 12V with niche S.S. trim liner | 1 | 3.45 |



84300

### Atecpool ABS Halogen Light - Pre-fabricated

| Code | Description | Packing | Weight (kg) |
|---|---|---|---|
| **84300** | ABS Light 300W / 12V with niche pre-fabricated | 1 | 3.2 |
| **82302** | ABS Light 300W / 12V with niche S.S. trim pre-fabricated | 1 | 3.55 |

### Niche for underwater ABS Lights



01580

Made in white plastic with option for two alternative cable outlets on the niche, side or bottom. Niches standard for underwater lights codes ( 81300, 82300, 81301, 82301, 84300, 82302) Niches supplied without cable.

| Code | Description | Packing |
|---|---|---|
| **01580** | Niche for 300W / 12V ABS Standard Lights | 4 |

# Atecpool Extra Flat ABS Lights

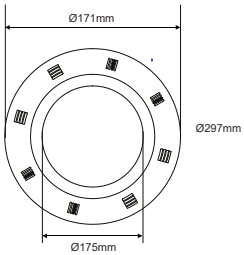
## ABS EXTRA FLAT FOR CONCRETE

### Atecpool Extra Flat ABS Light 100W / 12V

Flat type surface mounted 100W / 12V halogen underwater light Body and rim made of white ABS. Supplied with 3m, 2 core 1.5 mm² cable, niche not required for installation. Fixing to the wall using reinforced plastic cross, plugs and screws. IP68 waterproof.



81100




| Code | Description | Weight (kg) | Volume (m³) |
|---|---|---|---|
| 81100 | ABS Extra Flat 100W / 12V | 2.25 | 0.014 |

### Atecpool Spa Mini Light 50W / 12V - For concrete and liner

Atecpool Spa Mini Light niche type 50W / 12V halogen underwater light. Made of white ABS. The fixture uses aluminised 50W / 12V halogen lamp with 38° beam angle at 4 m distance with an illuminated circle of 2.5 m. Supplied with 3 m, HO7RN-F cable (2 core 1.5mm²). Easy to dismantle using the faceplate as a tool to replace the lamp. Available in ABS faceplate with SS trim.



81050

| Code | Description | Weight (kg) | Volume (m³) |
|---|---|---|---|
| 81050 | ABS Spa Mini Light 50W / 12V with niche concrete | 2.25 | 0.014 |
| 81050 S | ABS Spa Mini Light 50W / 12V with niche concrete S.S. trim | 3.15 | 0.014 |



81150

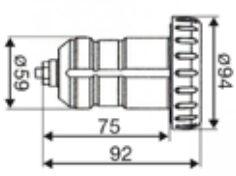
| Code | Description | Weight (kg) | Volume (m³) |
|---|---|---|---|
| 81150 | ABS Spa Mini Light 50W / 12V with niche liner | 2.5 | 0.014 |
| 81150 S | ABS Spa Mini Light 50W / 12V with niche liner | 3.65 | 0.014 |

### Atecpool Spa Mini Dichro Light 50W / 12V - For concrete and liner

Atecpool Spa Mini Dichro Light 50W / 12V halogen underwater light. Made of white ABS. The fixture uses aluminised 50W / 12V halogen lamp with a 38° beam angle at 4 m distance with an illuminated circle of 2.5 m. Supplied with 3 m, HO7RN-F cable (2 core 1.5mm²). Easy installation with push-fit and threaded connections to wall conduits.



80050




**Atecpool Spa Mini Dichro Light 50W / 12V slip fit connection to Ø63 mm wall conduit for concrete pool**

| Code | Description | Weight (kg) | Volume (m³) |
|---|---|---|---|
| 80050 | ABS Spa Mini Dichro Light 50W / 12V slip fit | 2.5 | 0.014 |

**Atecpool Spa Mini Dichro Light 50W / 12V quick connection to 2" threaded wall conduit for concrete and liner pool**

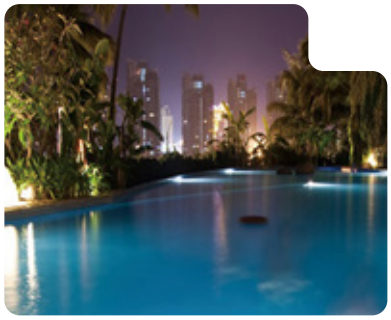


88050

| Code | Description | Weight (kg) | Volume (m³) |
|---|---|---|---|
| 80050-01 | ABS Spa Mini Dichro Light 50W / 12V threaded concrete | 2.5 | 0.014 |
| 88050 | ABS Spa Mini Dichro Light 50W / 12V threaded liner | 2.9 | 0.014 |

# Atecpool Vitrage LED Light

## 3 LED SERIES



### Atecpool Vitrage 3 LED Underwater Light - Symmetrical and Asymmetrical

Vitrage 3 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool and Spa. Waterproof IP68. Available in cool white, warm white, blue and RGB. SS 316 niche available upon request

### Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T = 9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w / mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 $mm^2$ L = 2 m (12V AC)
- H05RN-F 4 x 0.75 $mm^2$ L = 2 m (24V DC RGB type)
- H05RN-F 5 x 1 $mm^2$ L = 2 m (24V DC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

### Vitrage 3 LED Concrete Pools



ATZ1973 CW

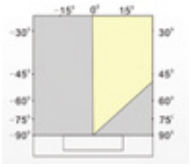
### Vitrage 3 LED Liner Pools



ATZ1973 CWL



Asymmetrical lens



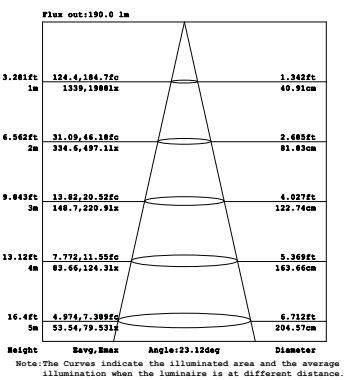
SYMMETRICAL

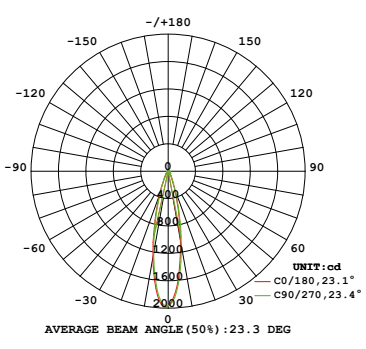
| Concrete Code | Liner Code | Description | Voltage/Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1973 CW | ATZ1973 CWL | Vitrage 3 LED Cool White | 12V AC/DC / 3x3 W | 30° Symmetrical | 720 | Cool White 6500K |
| ATZ1973 WW | ATZ1973 WWL | Vitrage 3 LED Warm White | 12V AC/DC / 3x3 W | 30° Symmetrical | 640 | Warm White 3000K |
| ATZ1973 B | ATZ1973 BL | Vitrage 3 LED Blue | 12V AC/DC / 3x3 W | 30° Symmetrical | 220 | Single Blue |
| ATZ1973 RGB | ATZ1973 RGBL | Vitrage 3 LED RGB | 12~24V DC/3x3 W | 30° Symmetrical | 450 | RGB 14 Modes |
| ATZ1973 RGBW | ATZ1973 RGBWL | Vitrage 3 LED RGBW | 12~24V DC/3x3 W | 30° Symmetrical | 640 | RGB 14 Modes/W 3000K |

ASYMMETRICAL

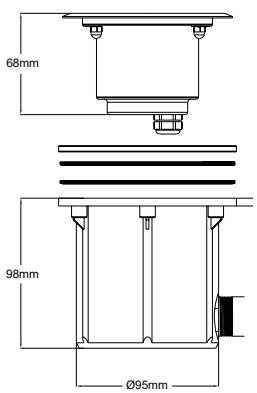
| Concrete Code | Liner Code | Description | Voltage/Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1974 CW | ATZ1974 CWL | Vitrage 3 LED Cool White | 12V AC/DC / 3x3 W | 45° Asymmetrical | 725 | Cool White 6500K |
| ATZ1974 WW | ATZ1974 WWL | Vitrage 3 LED Warm White | 12V AC/DC / 3x3 W | 45° Asymmetrical | 645 | Warm White 3000K |
| ATZ1974 B | ATZ1974 BL | Vitrage 3 LED Blue | 12V AC/DC / 3x3 W | 45° Asymmetrical | 225 | Single Blue |
| ATZ1974 RGB | ATZ1974 RGBL | Vitrage 3 LED RGB | 12~24V DC/3x3 W | 45° Asymmetrical | 445 | RGB 14 Modes |
| ATZ1974 RGBW | ATZ1974 RGBWL | Vitrage 3 LED RGBW | 12~24V DC/3x3 W | 45° Asymmetrical | 645 | RGB 14 Modes/W 3000K |

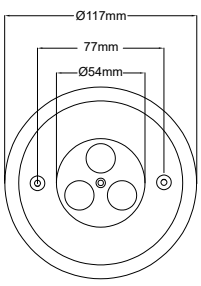
### Photometric Data: ATZ1973 CW - 6500K, 30°



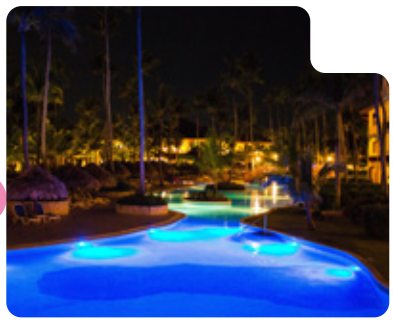

### Dimension



# Atecpool Vitrage LED Light

## 6 LED SERIES



### Atecpool Vitrage 6 LED Underwater Light- Symmetrical and Asymmetrical

Vitrage 6 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool and Spa. Waterproof IP68. Available in cool white, warm white, blue and RGB. SS 316 niche available upon request

### Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T = 9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w /mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 mm² L = 2 m (12V AC)
- H05RN-F 4 x 0.75 mm² L = 2 m (24V DC RGB type)
- H05RN-F 5 x 1 mm² L = 2 m (24V DC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

### Vitrage 6 LED Concrete Pools



ATZ1201 CW

### Vitrage 6 LED Liner Pools



ATZ1205 CWL

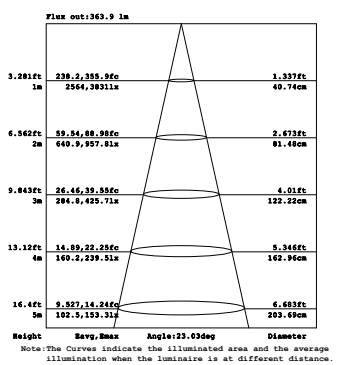
SYMMETRICAL

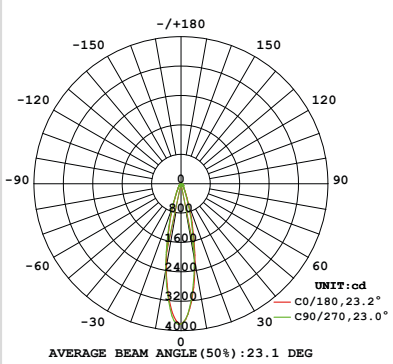
| Concrete Code | Liner Code | Description | Voltage/Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1201 CW | ATZ1201 CWL | Vitrage 6 LED Cool White | 12V AC/DC / 6x3 W | 30° Symmetrical | 1750 | Cool White 6500K |
| ATZ1201 WW | ATZ1201 WWL | Vitrage 6 LED Warm White | 12V AC/DC / 6x3 W | 30° Symmetrical | 1400 | Warm White 3000K |
| ATZ1201 B | ATZ1201 BL | Vitrage 6 LED Blue | 12V AC/DC / 6x3 W | 30° Symmetrical | 380 | Single Blue |
| ATZ1201 RGB | ATZ1201 RGBL | Vitrage 6 LED Full RGB | 12~24V DC/6x3 W | 30° Symmetrical | 925 | RGB 14 Modes |
| ATZ1201 RGBW | ATZ1201 RGBWL | Vitrage 6 LED RGBW | 12~24V DC/6x3 W | 30° Symmetrical | 1400 | RGB 14 Modes/W 3000K |

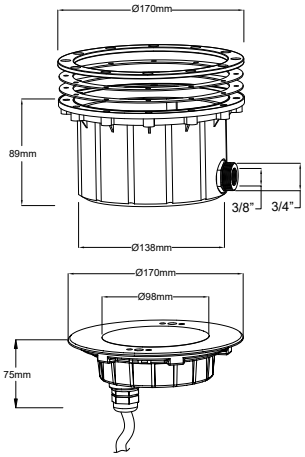
ASYMMETRICAL

| Concrete Code | Liner Code | Description | Voltage/Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1205 CW | ATZ1205 CWL | Vitrage 6 LED Cool White | 12V AC/DC / 6x3 W | 45° Asymmetrical | 1755 | Cool White 6500K |
| ATZ1205 WW | ATZ1205 WWL | Vitrage 6 LED Warm White | 12V AC/DC / 6x3 W | 45° Asymmetrical | 1405 | Warm White 3000K |
| ATZ1205 B | ATZ1205 BL | Vitrage 6 LED Blue | 12V AC/DC / 6x3 W | 45° Asymmetrical | 385 | Single Blue |
| ATZ1205 RGB | ATZ1205 RGBL | Vitrage 6 LED Full RGB | 12~24V DC/6x3 W | 45° Asymmetrical | 930 | RGB 14 Modes |
| ATZ1205 RGBW | ATZ1205 RGBWL | Vitrage 6 LED RGBW | 12~24V DC/6x3 W | 45° Asymmetrical | 1405 | RGB 14 Modes/W 3000K |

### Photometric Data: ATZ1201 CW - 6500K, 30°

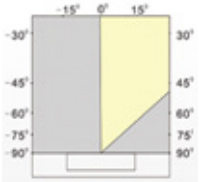





Asymmetrical lens



# Atecpool Vitrage LED Light

## 9 LED SERIES



### Atecpool Vitrage 9 LED Underwater Light - Symmetrical and Asymmetrical

Vitrage 9 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool and Spa. Waterproof IP68. Available in cool white, warm white, blue and RGB. SS 316 niche available upon request

### Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T = 9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w /mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 $mm^2$ L = 2 m (12V AC)
- H05RN-F 4 x 0.75 $mm^2$ L = 2 m (12V DC RGB type)
- H05RN-F 5 x 1 $mm^2$ L = 2 m (24V DC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

### Vitrage 9 LED Concrete Pools



ATZ1202 CW

### Vitrage 9 LED Liner Pools



ATZ1206 CWL

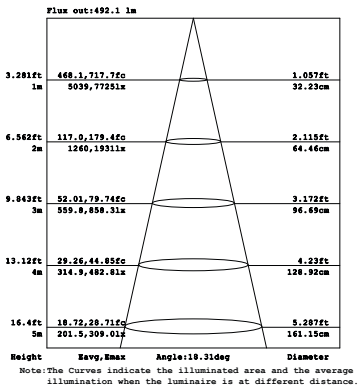
SYMMETRICAL

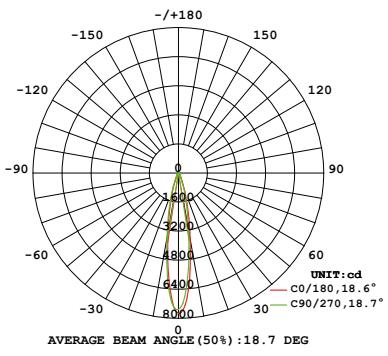
| Concrete Code | Liner Code | Description | Voltage/Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1202 CW | ATZ1202 CWL | Vitrage 9 LED Cool White | 12V AC/DC / 9x3 W | 30° Symmetrical | 2160 | Cool White 6500K |
| ATZ1202 WW | ATZ1202 WWL | Vitrage 9 LED Warm White | 12V AC/DC / 9x3 W | 30° Symmetrical | 1880 | Warm White 3000K |
| ATZ1202 B | ATZ1202 BL | Vitrage 9 LED Blue | 12V AC/DC / 9x3 W | 30° Symmetrical | 660 | Single Blue |
| ATZ1202 RGB | ATZ1202 RGBL | Vitrage 9 LED Full RGB | 12~24V DC/9x3 W | 30° Symmetrical | 1450 | RGB 14 Modes |
| ATZ1202 RGBW | ATZ1202 RGBWL | Vitrage 9 LED RGBW | 12~24V DC/9x3 W | 30° Symmetrical | 1880 | RGB 14 Modes/W 3000K |

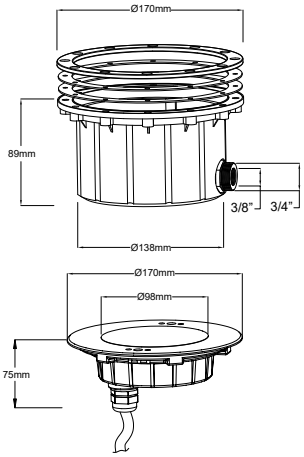
ASYMMETRICAL

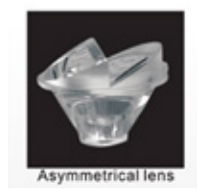
| Concrete Code | Liner Code | Description | Voltage/Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1206 CW | ATZ1206 CWL | Vitrage 9 LED Cool White | 12V AC/DC / 9x3 W | 45° Asymmetrical | 2160 | Cool White 6500K |
| ATZ1206 WW | ATZ1206 WWL | Vitrage 9 LED Warm White | 12V AC/DC / 9x3 W | 45° Asymmetrical | 1880 | Warm White 3000K |
| ATZ1206 B | ATZ1206 BL | Vitrage 9 LED Blue | 12V AC/DC / 9x3 W | 45° Asymmetrical | 660 | Single Blue |
| ATZ1206 RGB | ATZ1206 RGBL | Vitrage 9 LED Full RGB | 12~24V DC/9x3 W | 45° Asymmetrical | 1450 | RGB 14 Modes |
| ATZ1206 RGBW | ATZ1206 RGBWL | Vitrage 9 LED RGBW | 12~24V DC/9x3 W | 45° Asymmetrical | 1880 | RGB 14 Modes/W 3000K |

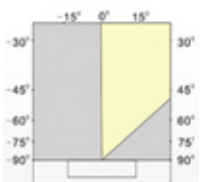
### Photometric Data: ATZ1202 CW - 6500K, 30°






BWT

# Atecpool Vitrage LED Light

## 12 LED SERIES



### Atecpool Vitrage 12 LED Underwater Light - Symmetrical and Asymmetrical

Vitrage 12 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool and Spa. Waterproof IP68. Available in cool white, warm white, blue and RGB. SS 316 niche available upon request

### Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T=9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w /mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 $mm^2$ L = 2 m (12V AC)
- H05RN-F 4 x 0.75 $mm^2$ L = 2 m (24V DC RGB type)
- H05RN-F 5 x 1 $mm^2$ L = 2 m (24V DC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

### Vitrage 12 LED Symmetrical



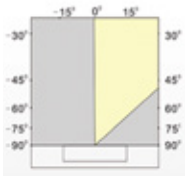
ATZ1811 CW

### Vitrage 12 LED Asymmetrical



ATZ1805 CW



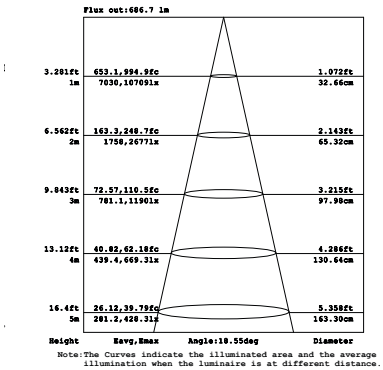

SYMMETRICAL

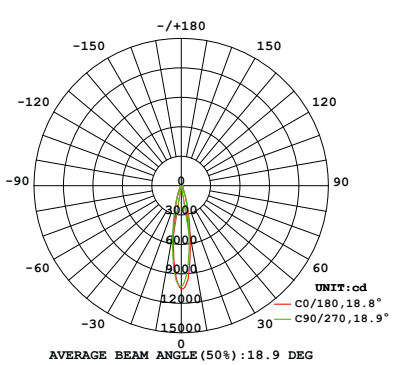
| Code | Description | Voltage | Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1811CW | Vitrage 12 LED Cool White | 12V AC/DC | 12x3 W | 30° Symmetrical | 3300 | Cool White 6500K |
| ATZ1811 WW | Vitrage 12 LED Warm White | 12V AC/DC | 12x3 W | 30° Symmetrical | 2600 | Warm White 3000K |
| ATZ1811 B | Vitrage 12 LED Blue | 12V AC/DC | 12x3 W | 30° Symmetrical | 790 | Single Blue |
| ATZ1811 RGB | Vitrage 12 LED Full RGB | 12~24V DC | 12x3 W | 30° Symmetrical | 1750 | RGB 14 Modes |
| ATZ1811 RGBW | Vitrage 12 LED RGBW | 12~24V DC | 12x3 W | 30° Symmetrical | 2600 | RGB 14 Modes/W 3000K |

ASYMMETRICAL

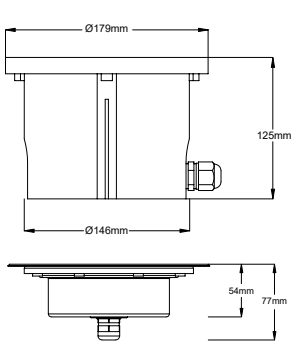
| Code | Description | Voltage | Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| ATZ1805 CW | Vitrage 12 LED Cool White | 12V AC/DC | 12x3 W | 45° Asymmetrical | 3305 | Cool White 6500K |
| ATZ1805 WW | Vitrage 12 LED Warm White | 12V AC/DC | 12x3 W | 45° Asymmetrical | 2604 | Warm White 3000K |
| ATZ1805 B | Vitrage 12 LED Blue | 12V AC/DC | 12x3 W | 45° Asymmetrical | 794 | Single Blue |
| ATZ1805 RGB | Vitrage 12 LED Full RGB | 12~24V DC | 12x3 W | 45° Asymmetrical | 1755 | RGB 14 Modes |
| ATZ1805 RGBW | Vitrage 12 LED RGBW | 12~24V DC | 12x3 W | 45° Asymmetrical | 2604 | RGB 14 Modes/W 3000K |

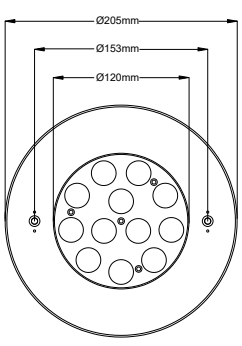
### Photometric Data: ATZ1811 CW - 6500K, 30°




### Dimension



# Atecpool Starry Series

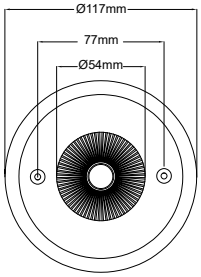
## SPOT LED S.S. 316

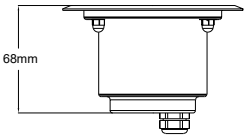
### Atecpool Spot Underwater Uno LED

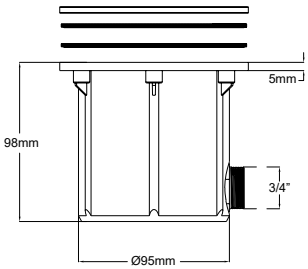
Spot Uno LED, with a complete body made of AISI 316 stainless steel, supplied with an ABS niche specially for creating design spot lighting in water features, pool and spa. Waterproof IP68. Available in cool white, warm white and blue. Power cable: H05RN-F 2 X 0.75 mm² L = 2 m (12V AC). Single colour LED = 1 circuit output. SS 316 niche available upon request.






Niche Dimension

| Code | Description | Voltage | Power | Beam Angle | Lumen (lm) | Color Temperature |
|---|---|---|---|---|---|---|
| **ATZ1075 CW** | Spot Uno LED Cool White | 12V AC/DC | 1x15 W | 30° | 1400 | Cool White 6500K |
| **ATZ1075 WW** | Spot Uno LED Warm White | 12V AC/DC | 1x15 W | 30° | 1150 | Warm White 3000K |
| **ATZ1075 B** | Spot Uno LED Blue | 12V AC/DC | 1x15 W | 30° | 325 | Single Blue |
| **ATZ1075 RGB** | Spot Uno LED RGB | 12V DC | 1x15 W | 30° | 285 | RGB 14 modes |

### Atecpool Starry Series Underwater Spot LED with niche

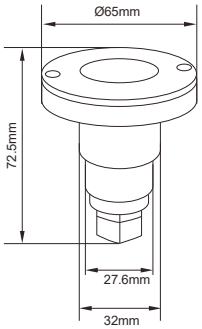
Spot LED S.S. 316, designed for starry effect, with a complete body made of AISI 316 stainless steel, supplied with an ABS niche specially designed for water features, pool and spa. Waterproof IP68. Available in cool white, warm white, blue and RGB.

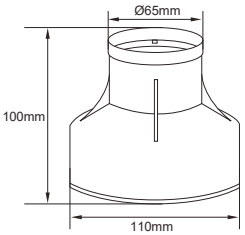
### Specifications

- Made of Stainless Steel AISI 316
- Glass: Step tempered glass T = 8 mm
- Cable gland: IP68 PG11
- Single colour LED = 1 circuit output
- RGB 3 in 1 LED=3 circuit output
- Driver: constant current output
- Application environmental: Temperature of water between -20°C to 40°C less than 1 meter depth
- Power cable: H05RN-F 2 X 0.75 mm² L = 2 m (12V AC).
- H05RN-F 4 X 0.75 mm² L= 2 m (24V DC RGB type)
- H05RN-F 5 X 1 mm² L = 2 m (24V DC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request.



ATZ1073 CW




| Code | Description | Voltage | Power | Beam Angle | Lumen (lm) | Color Temp |
|---|---|---|---|---|---|---|
| **ATZ1073 CW** | Spot LED Cool White | 12V AC/DC | 1x3 W | 30° | 280 | Cool White 6500K |
| **ATZ1073 WW** | Spot LED Warm White | 12V AC/DC | 1x3 W | 30° | 190 | Warm White 3000K |
| **ATZ1073 B** | Spot LED Blue | 12V AC/DC | 1x3 W | 30° | 55 | Single Blue |
| **ATZ1073 RGB** | Spot LED RGB | 24V DC | 1x3 W | 30° | 145 | RGB 14 Modes |
| **ATZ1073 RGBW** | Spot LED RGBW | 24V DC | 1x3 W | 30° | 190 | RGB 14 Modes/W 3000K |

# Atecpool Starry Series

## SPOT LED S.S. 316

### Atecpool Starry Series Underwater COB LED

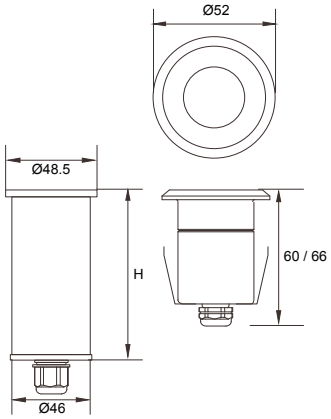
Spot LED S.S. 316, designed for starry effect,with a complete body made of AISI 316 stainless steel, supplied with pipe type niche for easy installation (ABS/SS niche). Push-fit type light using clamps. Waterproof IP68. Available in cool white, warm white, blue and RGB. Power options with COB LED of 1x3 W for single color and 1x5W for RGB.



ATZ1074



ATZ1074-1




| Code | Description | Voltage | Power | Beam Angle | Lumen (lm) | Height H (mm) | Color Temp |
|---|---|---|---|---|---|---|---|
| | | | ABS niche | | | | |
| ATZ1074 CW | COB LED Cool White ABS niche | 12V AC/DC | 1x3 W | 30° | 280 | 80 | Cool White 6500K |
| ATZ1074 WW | COB LED Warm White ABS niche | 12V AC/DC | 1x3 W | 30° | 190 | 80 | Warm White 3000K |
| ATZ1074 B | COB LED Blue ABS niche | 12V AC/DC | 1x3 W | 30° | 60 | 80 | Single Blue |
| ATZ1074 RGB | COB LED RGB ABS niche | 24V DC | 1x3 W | 30° | 145 | 87 | RGB 14 modes |
| | | | SS niche | | | | |
| ATZ1074-1 CW | COB LED Cool White SS niche | 12V AC/DC | 1x3 W | 30° | 280 | 87 | Cool White 6500K |
| ATZ1074-1 WW | COB LED Warm White SS niche | 12V AC/DC | 1x3 W | 30° | 190 | 87 | Warm White 3000K |
| ATZ1074-1 B | COB LED Blue SS niche | 12V AC/DC | 1x3 W | 30° | 60 | 87 | Single Blue |
| ATZ1074-1 RGB | COB LED RGB SS niche | 24V DC | 1x3 W | 30° | 145 | 87 | RGB 14 Modes |

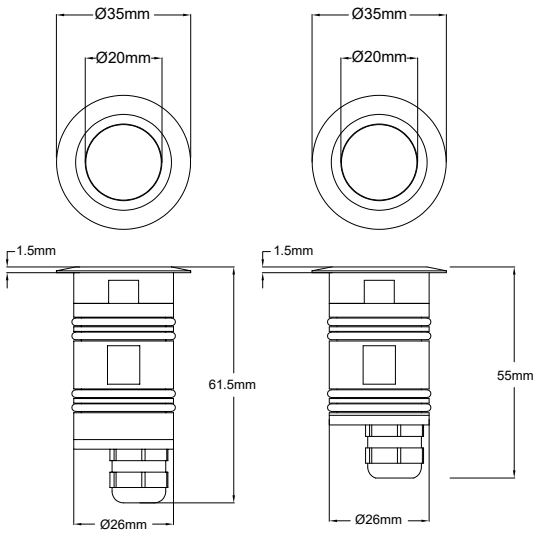
### Atecpool Starry Series Underwater Nova LED

Starry series Nova LED, designed for starry effect, design lighting for spa and pool steps. With a complete body made of AISI 316 stainless steel Push-fit type light, waterproof IP68. Available in cool white, warm white and blue. Power options with COB LED of 1x1 W for single color. Supplied in two voltages AC and DC with variations in structure height.





| Code | Description | Voltage | Power | Lumen | Color Temp |
|---|---|---|---|---|---|
| | | | | (lm) | |
| ATZ1077WW | Nova LED Warm White | 12V AC | 1x1 W | 105 | Warm White 3000K |
| ATZ1077CW | Nova LED Cool White | 12V AC | 1x1 W | 150 | Cool White 6500K |
| ATZ1077B | Nova LED Blue | 12V AC | 1x1 W | 40 | Single Blue |
| ATZ1077-1WW | Nova LED Warm White | 12V DC | 1x1 W | 105 | Warm White 3000K |
| ATZ1077-1CW | Nova LED Cool White | 12V DC | 1x1 W | 150 | Cool White 6500K |
| ATZ1077-1B | Nova LED Blue | 12V DC | 1x1 W | 40 | Single Blue |




AC Model Dimension

DC Model Dimension

# Atecpool LED Modulator

## CONTROL PANEL WITH REMOTE CONTROL

### Atecpool LED Modulator with remote control

**12V AC RGB Controls**
Suitable for synchronizing RGB colour changing LED lights. Atecpool LED Modulator available in 2 core and 4 core cable connections. Atecpool 2 core LED Modulator R2007 used with Radiant PAR56, Spectra, Spectra High Power, Lumina and Lumina Mini colour changing RGB LED lights.


R2009

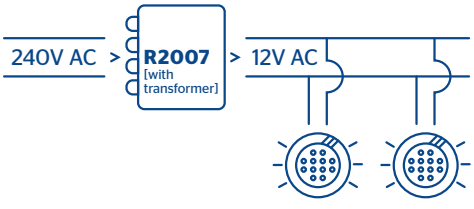

R2007

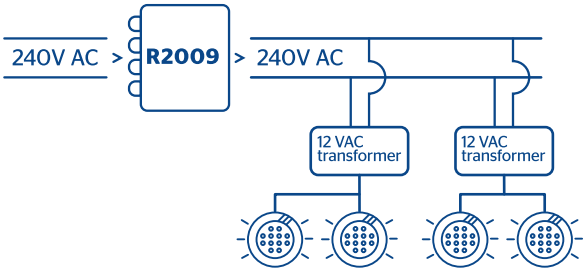
2 CORE connection
-WITH REMOTE CONTROL-

### Specifications

- 4 types of 2 core 12V AC RGB Controls:
  With transformer inbuilt
  Without transformer
  With fixed color remote
  With antenna (for long distance pump room)
- Fixed color remote allows to chose precise color without following preset modes with direct switching.
- Antenna allows to keep controls in closed plant room at maximum distance upto 30 meters from pool. Remote control access made easy with only antenna exposed near pool.
- Maximum lights power ( Watts ) connected to 2 core LED Modulator with external transformer limited to 1500W.
- The entire Radiant, Spectra, Lumina and Lumina Mini range lighting can be controlled by a single remote control.
- Panel available with and without transformer. Those without transformer should be connected to a step-down transformer of 12V AC.

| | Code | Description | Power/Voltage |
|---|---|---|---|
|  | **R2007** | Atecpool LED Modulator 2 core with transformer | 200W/12V AC (output) |
| | **R2009** | Atecpool LED Modulator 2 core w/o transformer | 1500W (max) / 220-240V AC (output) |
|  | **R2007FX** | Atecpool LED Modulator 2 Core with transformer Fixed Color Remote | 200W/12V AC (output) |
| | **R2009FX** | Atecpool LED Modulator 2 Core w/o transformer Fixed Color Remote | 1500W (max) / 220-240V AC (output) |
|  | **R2009ATFX** | Atecpool LED Modulator 2 Core w/o transformer w/ antenna Fixed Color Remote | 1500W (max) / 220-240V AC (output) |



# Atecpool LED Modulator

## CONTROL PANEL WITH REMOTE CONTROL

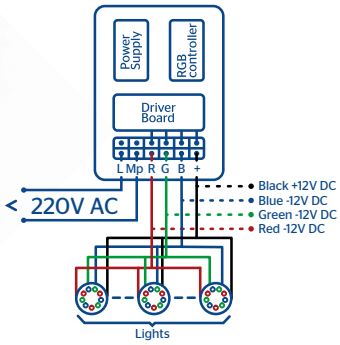
### Atecpool LED Modulator with remote control

**24V DC RGB Controls**

Atecpool 4 core LED Modulator used with Vitrage, Starry and Ladder colour changing RGB lights. Apart from selecting and synchronizing the colour, the 4 core modulator enables the user to control the sequence, pattern or speed of the light changing or to simply select a constant colour. The panel is designed to be wall mounted.



RKPO01




### Specifications

- 4 Core Connection / DC Voltage.
- Long remote control distance upto 20 meters.
- WiFi remote control on special request.
- The entire Vitrage and Ladder LED RGB lighting can be controlled by single remote control.
- RGB LED Modulator up to 150W lights 4 cable selection. Output voltage 12/24V DC for RGB 4 cable selection.
- Number of lights can be enhanced on prior request at additional cost.

4CORE connection -WITH REMOTE CONTROL-

### XLG/ELG power supply

Power Supply 100W / 150W / 200W / 300W
AC input 100 - 240V AC / Output 12/24V DC. Rating: IP67

| Code | Description | Power |
|---|---|---|
| ELG/XLG-300-12A | Power supply 12V DC | 300W |
| ELG/XLG-300-24A | Power supply 24V DC | 300W |
| ELG/XLG-200-12A | Power supply 12V DC | 200W |
| ELG/XLG-200-24A | Power supply 24V DC | 200W |
| ELG/XLG-150-12A | Power supply 12V DC | 150W |
| ELG/XLG-150-24A | Power supply 24V DC | 150W |
| ELG/XLG-100-12A | Power supply 12V DC | 100W |
| ELG/XLG-100-24A | Power supply 24V DC | 100W |



### RGB Controller with Colorwheel Remote

Total color control, select any custom color in the rainbow wheel.
Control color changing with the help of touch sensitive colour wheel remote.

| Code | Description |
|---|---|
| | |
| ATLA06 | RGB Controller with Colorwheel Remote |





### DMX512 RGBW Controller

Touch colorwheel, touch to select R/G/B/W color, glass interface. Standard DMX512 Signal output. Control RGBW color. Control 4 zones synchronously and separately. Waterproof grade: IP20.

| Code | Description | Power/Voltage | Operating temperature | Dimensions |
|---|---|---|---|---|
| ATLA09 | DMX512 RGBW Controller | 20 mA/ 12-24 V DC | 0-40°C | 86x86x29.1mm |



### DMX-RGB-5A4CH Decoder

DMX-RGB-5A4CH decoder sets and shows address via digital numeric display in compliance with DMX512 Master. Master and Slave mode available using jumper settings.

| Code | Description | Input Voltage | Output Current | Output Power |
|---|---|---|---|---|
| ATLA08 | DMX-RGB-5A4CH Decoder | 12/36 V DC | 4x5A | 4x(60-180)W |



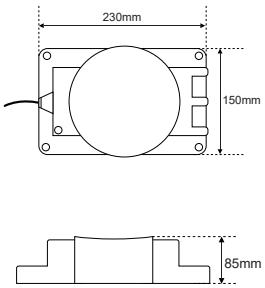
# Atecpool Lighting
## ACCESSORIES

### Atecpool Safety Step-down Transformers IP65

Special transformer encapsulated in cast resin material protected by a plastic cover-box. Available from 100W up to 600W with output voltage of 12V AC, variable voltage of 12/14/16V AC. Variable voltage transformers resist the voltage drop between the transformer and the connection box to suit a range of different lengths and sizes of cable. Suitable for wall mounting. Protection class: IP65 50/60 Hz.



01983100




| Code | Primary | Secondary | Power | Dimension L/W/D (mm) |
|---|---|---|---|---|
| 01983100 | 100W / 12V AC Toroidal Transformer IP65 | | 100W | 230 x 150 x 85 |
| | 220V-240V AC | 12V AC | | |
| 01983300 | 300W / 12V AC Toroidal Transformer IP65 | | 300W | 230 x 150 x 85 |
| | 220V-240V AC | 12V AC | | |
| 01983400 | 400W / 12V AC Toroidal Transformer IP65 | | 400W | 230 x 150 x 85 |
| | 220V-240V AC | 12V AC | | |
| 01983600 | 600W / 12V AC Toroidal Transformer IP65 | | 600W | 230 x 150 x 85 |
| | 220V-240V AC | 12V AC | | |
| 01984100 | 100W / 12 - 16V AC Variable Voltage Transformer IP65 | | 100W | 230 x 150 x 85 |
| | 220V-240V AC | 12 - 16V AC | | |
| 01984300 | 300W / 12 - 16V AC Variable Voltage Transformer IP65 | | 300W | 230 x 150 x 85 |
| | 220V-240V AC | 12 - 16V AC | | |
| 01984400 | 400W / 12 - 16V AC Variable Voltage Transformer IP65 | | 400W | 230 x 150 x 85 |
| | 220V-240V AC | 12 - 16V AC | | |
| 01984600 | 600W / 12 - 16V AC Variable Voltage Transformer IP65 | | 600W | 230 x 150 x 85 |
| | 220V-240V AC | 12 - 16V AC | | |

### Atecpool Connection Box - ABS / S.S. 316 models

Three models for connection boxes manufactured in ABS or SS 316. IP65/IP68 class protection available for junction boxes. ABS/S.S junction box has 3 threaded outlets of ¾" (PG-16), supplied with a set of electrical connectors and threaded couplers. Square type junction box standard size for the top lid : 130 x 130 mm.

| Code | Description | Outlets | Connection / IP Rating |
|---|---|---|---|
| 01592823 | Junction Box ABS three 3/4" inlets/outlets, threaded | 3 | 3/4" / IP65 |
| 0292020 | Square Connection Box SS 316 three 3/4" BSP threaded | 3 | 3/4" BSP / IP65 |
| 0292029 | Square Connection Box SS 316 three 3/4" BSP threaded inlets/outlets with PG 16 gland and IP 68 gaskets | 3 | 3/4" BSP / IP68 |
| 01592833 | Flexible Cable Conduit Hose 1 m | - | 3/4" |
| 01592833-1 | Flexible Cable Conduit Hose 1.8 m | - | 3/4" |



01592823



0292020



0292029



01592833

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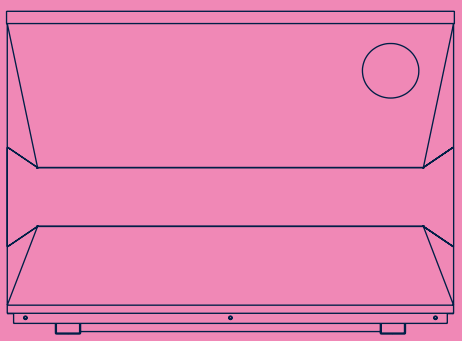

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# Pool Heating



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# Atecpool Thermolite Electric Heater

**Atecpool's signature Thermolite high quality inline electric heater for swimming pool and spa.** The electric heater is designed and engineered for exclusive deployment in above ground and in-ground swimming pools and spa centers,featuring a heating chamber constructed from **titanium** heating elements to optimize heating performance.

Characterized by a compact structural design, the heater demonstrates adaptability for installation across diverse environments, encompassing swimming pools, spa centers, and expansive public facilities. Employing premium materials such as SUS316 stainless steel, titanium, and ABS+PC flame-retardant material, each component is selected for its distinct properties. **Titanium** heating elements are renowned for their hardness, lightweight composition, corrosion resistance, and elevated melting point.

Inverter Heat Pump

Eco-friendly and silent heating solution

# Atecpool Sirocco Torro

## SIDE AND TOP DISCHARGE INVERTER HEAT PUMPS

ecofriendly




- DC Inverter
- High Temperature
- Variable Speed
- Silent Operation
- Wi-Fi Enabled Heat Pumps

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# Atecpool Sirocco Torro

## INVERTER HEAT PUMP

R32/R410 GAS

### Atecpool Sirocco Torro Side and Top Discharge




Side discharge




Top discharge

Atecpool Sirocco Torro Heat Pumps offer excellent value and maximize your return on investment and extends the swimming pool season more than any other heat pump with best COP. Atecpool Heat Pumps are fully tested and certified, and are listed as eco-friendly, being highly energy efficient with a COP up to 10.

**Average COP 10**

By maintaining the pool temperature for 95% of the swimming season, the heat pump operates at 50% capacity, optimizing energy efficiency while ensuring a quiet pool environment.

Atecpool Sirocco Torro features an intuitive touch controller, delivering an exceptionally user-friendly experience

### Easy Touch Controller



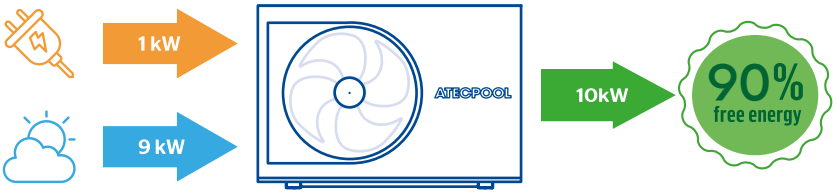

### Atecpool Inverter Technology

- Stepless DC Inverter
- Unique Inverter Control System
- Intelligent Protection

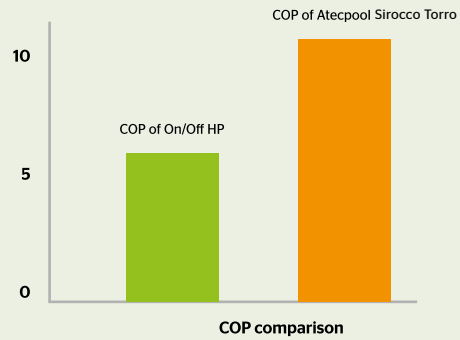
### Free Energy Technology

**Free Energy**

Atecpool Inverter technology helps in providing 90% free energy from ambient air on average.

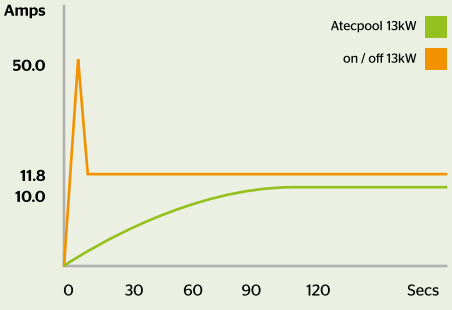



**Double Energy saving than on/off hp**




**Intelligent system protection**

The input current will start from 0 Amps to rated Amps steadily. No rush to house electricity system. Atecpool Sirocco can adapt to wide voltage from 180~260V and adjust the system in different conditions.



# Atecpool Sirocco Torro

## SIDE DISCHARGE INVERTER HEAT PUMP

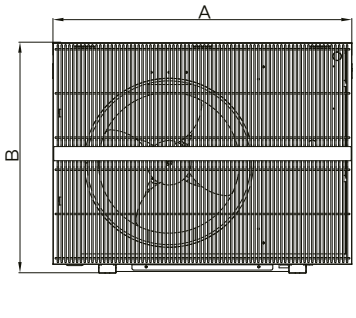
R32/R410 GAS

### Atecpool Sirocco Torro Dimensions










| Code | A | B | C | D | E |
|---|---|---|---|---|---|
| | (mm) | (mm) | (mm) | (mm) | (mm) |
| AIHP90 | 849 | 655 | 420 | 81.2 | 310 |
| AIHP115 | 849 | 655 | 420 | 81.2 | 370 |
| AIHP180 | 954 | 755 | 420 | 71.2 | 390 |
| AIHP212 | 1036 | 955 | 420 | 71.5 | 540 |
| AIHP300 | 1288 | 955 | 505 | 71.5 | 650 |
| AIHP370 | 1288 | 955 | 505 | 71.5 | 650 |

### Atecpool Sirocco Torro Inverter Side Discharge

| Model | AIHP90 | AIHP115 | AIHP180 | AIHP212 | AIHP300 | AIHP370 |
|---|---|---|---|---|---|---|
| Heating Condition #1: Ambient Temperature: 26°C; Water Inlet/Outlet Temperature: 26°C, Humidity 80% | | | | | | |
| Heating capacity (kW) | 2,59 ~9,52 | 3,37 ~11,36 | 5,40 ~18,0 | 5,93 ~21,94 | 7,27 ~29,56 | 12,07~36,87 |
| Power input (kW) | 0,22 ~1,49 | 0,26 ~1,71 | 0,43 ~2,82 | 0,47 ~3,55 | 0,58 ~4,66 | 0,84 ~6,17 |
| COP | 6,39 ~11,78 | 6,64 ~12,95 | 6,15 ~12,55 | 6,18 ~12,61 | 6,34 ~12,53 | 5,98 ~14,37 |
| Heating Condition #2: Ambient Temperature:15°C; Water Inlet /Outlet Temperature: 26°C; Humidity 70% | | | | | | |
| Heating capacity (kW) | 2,29 ~7,67 | 2,57 ~8,48 | 3,12 ~13,14 | 4,77 ~16,84 | 6,76 ~23,01 | 8,79 ~27,70 |
| Power Input (kW) | 0,31 ~1,52 | 0,35 ~1,71 | 0,48 ~2,60 | 0,70 ~3,26 | 0,84 ~4,37 | 1,07 ~5,62 |
| COP | 5,05 ~7,37 | 4,96 ~7,35 | 5,05 ~6,50 | 5,16 ~6,80 | 5,27 ~8,04 | 4,93 ~8,21 |
| Cooling Condition #1: Ambient Temperature: 35°C; Water Inlet /Outlet Temperature: 28°C; Humidity 40% | | | | | | |
| Cooling capacity (kW) | 3,18 ~5,36 | 3,84 ~6,56 | 6,87 ~9,52 | 7,42 ~11,11 | 8,14 ~18,13 | 9,53 ~21,27 |
| Consumed power (kW) | 0,67 ~1,26 | 0,69 ~1,62 | 1,24 ~2,43 | 1,30 ~3,06 | 1,08 ~4,24 | 1,80 ~4,67 |
| EER | 4,25 ~4,75 | 4,05 ~5,56 | 3,92 ~5,54 | 3,63 ~5,71 | 4,28 ~7,54 | 3,96 ~5,29 |
| Power supply (V/Ph/Hz) | 220-240V/1~/50-60Hz | | | 380-415V/ 3~/50-60Hz | | |
| Max. input power(kW) | 2,01 | 2,35 | 3,43 | 4,80 | 6,10 | 7,20 |
| Max. current (A) | 8,81 | 10,40 | 14,92 | 7,8 | 9,8 | 11,85 |
| Operating temperature range | -15~43°C | | | | | |
| Refrigerant | R32 | | | | | |
| Air side heat exchanger | Hydrophilic aluminium fins and copper tubes | | | | | |
| Compressor | DC inverter, rotary | | | | | |
| Air flow (cfm) | 1180 | 1294 | 1647 | 1941 | 3294 | 3706 |
| Minimum water flow (m³/h) | 3,29 | 3,82 | 5,16 | 7,23 | 9,86 | 11,45 |
| Water pressure drop (kPa) | 10 | 12 | 12 | 12 | 15 | 15 |
| Net dimension LxWxH (mm) | 850*420*655 | 850*420*655 | 955*420*755 | 1036*420*955 | 1288*505*955 | 1288*505*955 |
| Water connection (mm) | 50 | | | | | |
| Net weight (kg) | 54 | 57 | 72 | 96 | 123 | 129 |
| Sound pressure level at 1m dB(A) | 35-45 | 39-49 | 40-50 | 41-51 | 42-55 | 46-59 |

# Atecpool Sirocco Torro

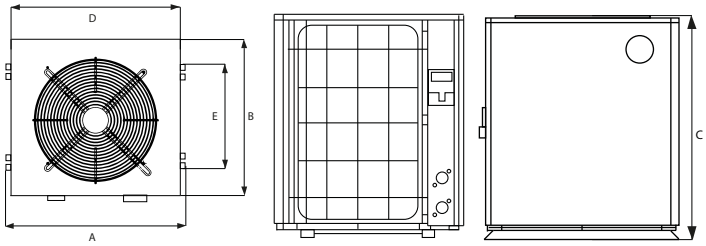
## TOP DISCHARGE INVERTER HEAT PUMP

up to +53°C ambient

R410A GAS

### Atecpool Sirocco Torro Dimensions




| Code | A | B | C | D | E |
|---|---|---|---|---|---|
| | (mm) | (mm) | (mm) | (mm) | (mm) |
| AVHP150 | 790 | 690 | 870 | 750 | 470 |
| AVHP200 | 790 | 690 | 965 | 750 | 470 |
| AVHP250 | 870 | 820 | 1068 | 840 | 620 |
| AVHP350 | 870 | 820 | 1068 | 840 | 620 |
| AVHP450 | 1020 | 1030 | 1055 | 990 | 810 |
| AVHP650 | 1125 | 1055 | 1090 | 1085 | 850 |

### Atecpool Sirocco Torro Inverter Top Discharge

| Model | AVHP150 | AVHP200 | AVHP250 | AVHP350 | AVHP450 | AVHP650 |
|---|---|---|---|---|---|---|
| Heating Condition #1: Ambient Temperature: 27°C; Water Inlet/Outlet Temperature: 26°C, Humidity 80% | | | | | | |
| Heating capacity (kW) | 5,0~15 | 7,1~20 | 11~25 | 13,62~35 | 17~45 | 25~65 |
| Power input (kW) | 0,52~2,63 | 0,75~3,2 | 1,14~3,9 | 1,4~5,3 | 1,75~7,8 | 2,6~10,1 |
| COP | 5,7~9,6 | 6,25~9,5 | 6,4~9,6 | 6,6~9,7 | 5,77~9,7 | 6,45~9,75 |
| Heating Condition #2: Ambient Temperature:15°C; Water Inlet /Outlet Temperature: 26°C; Humidity 70% | | | | | | |
| Heating capacity (kW) | 4,2~13 | 5,5~15 | 9~19 | 9,5~27 | 13~35 | 18~52 |
| Power Input (kW) | 0,67~2,8 | 0,89~3,68 | 1,4~4,1 | 1,45~5,8 | 2,1~8,3 | 2,6~11,8 |
| COP | 4,6~6,25 | 4,08~6,18 | 4,6~6,4 | 4,6~6,5 | 4,22~6,19 | 4,4~6,9 |
| Cooling Condition #1: Ambient Temperature: 45°C; Water Inlet /Outlet Temperature: 30°C | | | | | | |
| Cooling Capacity (kW) | 3,3~8,1 | 4,4~12 | 5,5~14 | 7~19 | 10~27 | 15~40 |
| Consumed Power (kW) | 1~2,7 | 1,57~4,08 | 1,7~4,6 | 2,1~6,3 | 3,0~9,0 | 3,3~13,80 |
| EER | 3~3,33 | 2,94~2,8 | 3,04~3,23 | 3~3,33 | 3~3,33 | 2,9~4,6 |
| Power supply (V/Ph/Hz) | 220-240V/ 1~/50-60Hz | 380-415V/ 3~/50-60Hz | | | | |
| Max. Input Power(kW) | 3,8 | 4,29 | 5,28 | 8,0 | 11 | 16 |
| Max. Current (A) | 18 | 10 | 12 | 14,5 | 20,89 | 30,39 |
| Operating temperature range | -7~53°C | | | | | |
| Refrigerant | R410A | | | | | |
| Air side heat exchanger | High efficiency hydrophilic fin | | | | | |
| Water Side Heat Exchanger | Titanium heat exchanger with PVC shell | | | | | |
| Compressor | DC inverter | | | | | |
| Air flow (cfm) | 1800 | 2400 | 3000 | 4100 | 5300 | 7700 |
| Water flow range (m³/h) | 2,59~6,45 | 3,45~8,62 | 4,31~10,78 | 6,03~15,09 | 7,76~19,40 | 11,21~28 |
| Water Pressure Drop (kPa) | 10 | 12 | 12 | 15 | 15 | 18 |
| Net dimension LxWxH (mm) | 750x690x870 | 750x690x965 | 840x820x1068 | 840x820x1068 | 990x1030x1055 | 1085x1055x1090 |
| Water connection (mm) | DN50 | | | | DN63 | |
| Weight (kg) | 110 | 126 | 127 | 132 | 140 | 235 |
| Sound pressure level at 1m dB(A) | ≤43 | ≤44 | ≤45 | ≤46 | ≤47 | ≤50 |

High capacity inverter heat pump

For commercial installations

# Atecpool MegaHigh Inverter heat pump

Five Star Heat Pumps

ecofriendly




R410A GAS

DC Inverter

Variable Speed

Silent Operation

Save Money

INSPIRED By Water

ATECPOOL
BWT GROUP

# Atecpool MegaHigh Inverter

## COMMERCIAL HEAT PUMP

R410A GAS

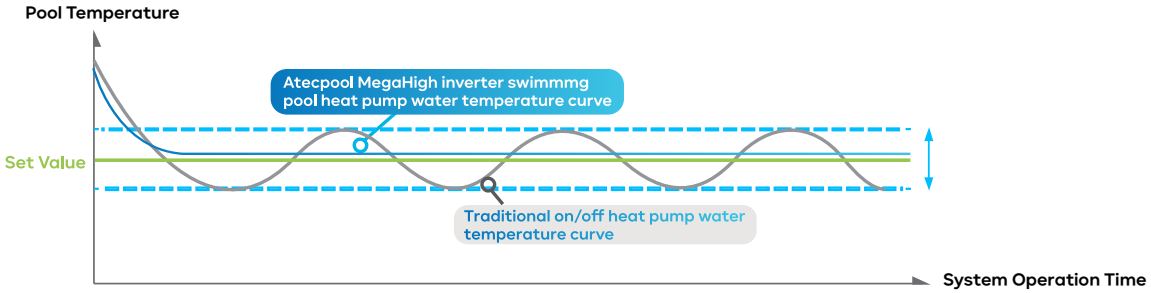


### Atecpool MegaHigh Inverter Heat Pump

Differing from conventional heat pumps that use single-speed compressors and rely on frequent start-stop cycles, our full inverter heat pump is equipped with a variable-speed compressor. This enables precise modulation of output, significantly reducing energy consumption while maintaining optimal temperature control in all climate conditions. When heating demand is high, the compressor and fan motor operate at higher speeds; when demand is low, they adjust to lower speeds, ensuring efficient and quiet operation.

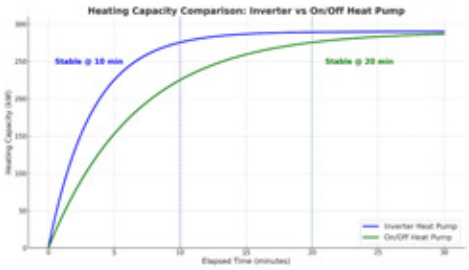
### Constant Water Temperature and Comfort

Atecpool MegaHigh Inverter swimming pool heat pump offers superior temperature control compared to traditional on/off systems. It automatically adjusts capacity and inlet water temperature based on real-time pool conditions, ensuring stable and consistent water temperature. This advanced technology eliminates fluctuations, providing greater comfort and energy efficiency.




### 50% Speed up Heating Time

Upon activation, the Atecpool MegaHigh Inverter Heat Pump uses a smart inverter control to automatically optimize compressor and fan speeds, along with EEV adjustment, enabling up to 50% faster initial heating stability compared to traditional heat pumps.




### Spiral Titanium Heat Exchanger

Atecpool patented titanium heat exchanger is spiral tube inside, the titanium coil can ensure high heat exchange efficiency and prevent corrosion, extends the unit's lifespan.



### Electronic Expansion Valve

The electronic expansion valve provides precise, fast adjustment to refrigerant flow, ensuring system stability even under sudden load changes. It delivers accurate control in low temperatures and maintains consistent water temperature across a wide operating range.



**Broad Climate Suitability**
The unit can adapt to a wide climatic range. Lab tests showed maintained stable operation in -15-55°C. This feature makes the unit suitable for markets all over the world

**Soft Starting**
When the machine is turned on, its soft start technology avoids a sudden fluctuation of taking high Amps but start the unit softly and reach stable current slowly.

**Low Noise**
The DC inverter fan with special design blades not only saves energy but also helps to reduce noise by 20%.

# Atecpool MegaHigh Inverter

## COMMERCIAL HEAT PUMP

R410A GAS

### MegaHigh Inverter Heat Pump Specification



| Model | | AMHP70 | AMHP80 | AMHP100 | AMHP130 | AMHP170 | AMHP200 | AMHP300 |
|---|---|---|---|---|---|---|---|---|
| Heating Condition #1: Ambient Temperature: 26°C; Water Inlet/Outlet Temperature: 26°C/28°C, Humidity 80% | | | | | | | | |
| Heating capacity | kW | 16,5~70 | 17,5~80 | 24,8~103 | 32,4~136 | 36,3~175 | 75~245 | 90~290 |
| Power input | kW | 1,02~10,03 | 1,08~13,01 | 1,54~14,8 | 2,00~19,46 | 2,26~28,01 | 28,1~46,2 | 9,78~55,7 |
| COP | | 16,11~6,98 | 16,1~6,15 | 16,09~6,96 | 16,15~6,99 | 16,0~6,24 | 9,3~5,3 | 9,2~5,2 |
| Heating Condition #2: Ambient Temperature:15°C; Water Inlet /Outlet Temperature: 26°C/28°C; Humidity 70% | | | | | | | | |
| Heating Capacity | kW | 12,1~51 | 13,8~60 | 18,3~76 | 23,9~101 | 28,3~135 | 63~210 | 76~250 |
| Power Input | kW | 1,6~10,24 | 1,65~12,21 | 2,42~15,29 | 3,15~20,24 | 3,32~27,55 | 7,2~43,75 | 8,3~50,08 |
| COP | | 7,56~4,98 | 8,4~4,91 | 7,55~4,97 | 7,59~4,99 | 8,5~4,9 | 8,7~4,8 | 8,6~4,8 |
| Cooling Condition #1: Ambient Temperature: 45°C; Water Inlet /Outlet Temperature: 26°C | | | | | | | | |
| Cooling capacity | kW | 9,1~38 | 15~42 | 16,12~58 | 18,5~76 | 59,4~96 | 50~125 | 60~150 |
| Power input | kW | 1,78~8,83 | 2,94~10,24 | 3,16~13,4 | 3,62~17,67 | 11,2~22,32 | 14,7~45 | 17,6~54,9 |
| EER | | 5,1~4,3 | 5,1~4,1 | 5,1~4,3 | 5,1~4,3 | 5,3~4,3 | 3,4~2,78 | 3,4~2,73 |
| Rated power input | kW | 11 | 13 | 16 | 21 | 28 | 48 | 58 |
| Rated current | A | 18 | 20 | 27 | 36 | 45 | 85 | 100 |
| Power supply | V/Ph/Hz | 380~415V /3N~/50~60Hz | | | | | | |
| Refrigerant | | R410A | | | | | | |
| Compressor type | | Mitsubishi DC inverter | | | | | Panasonic DC Inverter | |
| Heat exchanger | | Titanium | | | | | | |
| Expansion valve | | Electronic EEV | | | | | | |
| Water Pressure Drop | kPa | 15 | 16 | 16 | 19 | 23 | 30 | 45 |
| Fan quantity | | 2 | 2 | 1 | 2 | 2 | 2 | 2 |
| Fan power Input | W | 200x2 | 200x2 | 615x1 | 695x2 | 1300x2 | 1738x2 | 1738x2 |
| Fan rotate speed | rpm | 850 | 850 | 850 | 850 | 850 | 920 | 920 |
| Fan airflow | cfm | 8300 | 9400 | 12200 | 16000 | 21000 | 29000 | 34000 |
| Advised water flow | m³/h | 20 | 25 | 30 | 40 | 45 | 90 | 108 |
| Minimum water flow | m³/h | 18 | 22 | 27 | 35 | 40 | 70 | 80 |
| Dimensions(LxWxH) | mm | 1416x752x 1055 | 1750x840x 1750 | 1250x1080x 1870 | 2150x1080x 2180 | 2170x1150x 2130 | 2400x1200x 2300 | 2400x1200x 2300 |
| Operating Air Temp. | °C | 0~50 | 0~50 | 0~50 | 0~50 | 0~50 | 0~53 | 0~53 |
| Noise at 1m | dB(A) | ≤59 | ≤60 | ≤62 | ≤65 | ≤65 | ≤75 | ≤78 |
| Weight | kg | 280 | 370 | 420 | 750 | 810 | 815 | 850 |
| Water Connection | mm | 63 | 63 | 63 | 75 | 110 | DN80 | DN80 |

Air/water heat pumps

Heating and Cooling

# Atecpool Reversible Cycle Heat Pump




ecofriendly

Five Star Heat Pumps

INSPIRED By Water

ATECPOOL
BWT GROUP

# Atecpool Air/Water Heat Pumps

## TOP DISCHARGE UNITS FOR OUTDOOR INSTALLATION

ecofriendly



### ATECPOOL Air/Water Heat Pump

RCHP technology is based on the same principle employed in air conditioners and refrigerators, delivering up to five times more energy in heat than it consumes in electricity. Our heat pumps efficiently heat your pool by extracting ambient heat from the air. This heat is then transferred into a refrigerant gas which is compressed and heated further. Before the heat is then transferred into the pool water, and heats your pool.

Our Heat Pumps are manufactured using only top-quality components. The titanium heat exchanger is not only extremely efficient, but it will never rust or corrode. Our heat pumps also feature more accurate and durable commercial grade digital controllers with the most user-friendly features, specific water flow switches and high capacity compressor capacitors.




### ATECPOOL Heat Pump Benefits

- Uses freely available air energy = 4-5 times more effective than conventional electrical heaters.
- For every kW of power consumed, you get at least 4-5kW of free power
- Inexpensive operation
- Top quality, maximum durability titanium heat exchanger
- Quick and easy installation

### Water Heat Exchanger

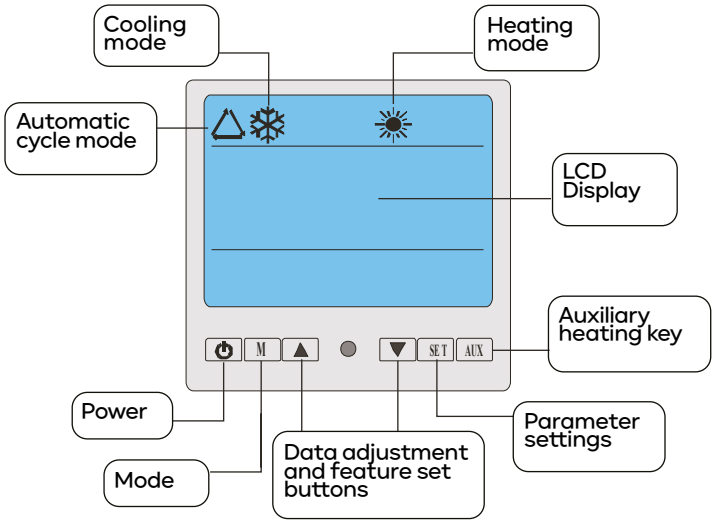
- Made of double spiralled titanium tubes encased in PVC or S.S. for additional protection against corrosive pool water.
- The double spiraling of the heat exchanger increases the surface area that comes in contact with the pool water, this drastically reduces scaling while heating rapidly and efficiently.

### External Heat Exchanger (Evaporator coils)

- The tubes are made of copper and the fins are aluminium.
- The extra-large evaporator coils are designed to collect more heat from air outside to ensure the best performance in even the most adverse conditions.
- Large axial fans, with precision engineered blades are used to draw in maximum ambient air and pass it on to the evaporator coils.

### Refrigerant

- We use the environmentally approved refrigerant R407-C, R410-A, R134-A depending on our client's requirements.
- For maximum efficiency you can combine your reversible cycle heat pump and solar pool heating in one system to capitalise on the suns free energy as well as that from the ambient air. All components of Atecpool heat cool pumps are of the highest international quality.




R410A GAS

# Atecpool Air/Water Heat Pump

## TOP DISCHARGE UNITS FOR OUTDOOR INSTALLATION

| Model | | 03300030 | 03300040 | 03300050 | 03300060 | 03310070 | 03300080 | 03300090 | 03310100 |
|---|---|---|---|---|---|---|---|---|---|
| Heating capacity | kW | 13 | 17 | 21 | 25 | 35 | 45 | 55 | 75 |
| | BTU /hr | 44000 | 58000 | 72000 | 86000 | 120000 | 150000 | 187000 | 255000 |
| Heating Power Input | kW | 2,65 | 3,1 | 3,8 | 5 | 7,5 | 9,5 | 11 | 16,7 |
| Cooling Capacity | kW | 8,8 | 12 | 15 | 17,4 | 25 | 34 | 42 | 56 |
| | BTU /hr | 30000 | 41000 | 51200 | 59500 | 86000 | 116000 | 143000 | 190400 |
| Cooling Power Input | kW | 2,85 | 3,2 | 4,1 | 5,8 | 8,4 | 9 | 10,3 | 17,2 |
| Running current H/C | A | 13,6 / 14,3 | 18,0 / 19,1 | 7,1 / 7,35 | 8,91 / 10,33 | 13,2 / 14,5 | 15,7 / 16,4 | 18,0 / 19,2 | 29,8 / 30,6 |
| COP | | 4,9 | 5,5 | 5,5 | 5 | 4,7 | 4,7 | 5 | 4,49 |
| Power Supply | V / Ph / Hz | 230 V/ 1N~ / 50Hz | | 415V/3N~/50Hz | | | | | |
| Compressor Qty | | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 3 |
| Compressor | | Rotary | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll |
| Fan Quantity | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 |
| Fan Input Power | W | 200 | 200 | 200 | 200 | 200 x2 | 200 X 2 | 200 x 2 | 200 x 3 |
| Fan Rotate Speed | rpm | 830 | 830 | 830 | 830 | 830 | 830 | 830 | 830 |
| Fan Airflow | cfm | 4000 | 4000 | 5600 | 4000 | 4200 | 6500 | 6500 | 9000 |
| Fan direction | | Vertical | Vertical | Vertical | Vertical | Vertical | Vertical | Vertical | Vertical |
| Noise 1mtr | dB (A) | 51 | 56 | 56 | 54 | 59 | 61 | 61 | 61 |
| Water connection | mm | 50 | 50 | 50 | 50 | 63 | 50 | 50 | 63 |
| Water Flow volume | $m^3/h$ | 6 | 7,0 | 8 | 9 | 10 | 14 | 18 | 25 |
| Water pressure drop | kPa | 8 | 8 | 12 | 12 | 15 | 15 | 15 | 16 |
| Dimensions (L/W/H) | mm | 660x660x 860 | 720x720x 930 | 760x760x 1080 | 660x660x 860 | 1470x727x 875 | 1450x730x 1250 | 1450x730x 1280 | 2150x760x 1310 |
| Weight | kg | 82 | 86 | 122 | 150 | 200 | 250 | 265 | 403 |
| Wi-fi | | ✓ | ✓ | ✓ | ✓ | ✗ | ✓ | ✓ | ✓ |

| Model | | 03310110 | 03310120 | 03310130 | 03310140 | 03310150 | 03310180 | 03310190 | 03310200 |
|---|---|---|---|---|---|---|---|---|---|
| Heating capacity | kW | 90 | 105 | 145 | 160 | 185 | 230 | 245 | 260 |
| | BTU /hr | 306000 | 357000 | 493000 | 550000 | 629000 | 782000 | 835940 | 887156 |
| Heating Power Input | kW | 17,5 | 22,5 | 30,2 | 34,2 | 37 | 48 | 52 | 57 |
| Cooling Capacity | kW | 70 | 88 | 106 | 120 | 131 | 160 | 184.0 | 175 |
| | BTU /hr | 238000 | 300000 | 360400 | 410000 | 444000 | 540000 | 578808 | 597124 |
| Cooling Power Input | kW | 17,8 | 24,7 | 32,1 | 41,6 | 48,5 | 67,2 | 70.2 | 73,3 |
| Running current H/C | A | 31,2 / 31,7 | 40,1 / 44,0 | 53,9 / 57,3 | 61,0 / 74,2 | 70,52 / 87 | 109/121,1 | 111 /123.5 | 113,36/128,12 |
| COP | | 5,1 | 4,6 | 4,80 | 4,7 | 5 | 4,8 | 4,7 | 4,5 |
| Power Supply | V / Ph / Hz | 415V/3N~/50Hz | | | | | | | |
| Compressor Qty | | 3 | 2 | 3 | 3 | 2 | 2 | 4 | 4 |
| Compressor | | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll | Scroll |
| Fan Quantity | | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Fan Input Power | W | 200 x 3 | 400 x 2 | 1780 x 2 | 1780 x 2 | 1780 x 2 | 2000 x 2 | 500×2 | 2000 x 2 |
| Fan Rotate Speed | rpm | 830 | 830 | 930 | 930 | 930 | 920 | 720 | 920 |
| Fan Airflow | cfm | 11000 | 12500 | 17500 | 19000 | 22000 | 27000 | 29000 | 32000 |
| Fan direction | | Vertical | Vertical | Vertical | Vertical | Vertical | Vertical | Vertical | Vertical |
| Noise 1mtr | dB (A) | 62 | 62 | 64 | 65 | 66 | 70 | 67 | 72 |
| Water connection | mm | 63 | 110 | 110 | 110 | 110 | 110 | 110 | 110 |
| Water Flow volume | $m^3/h$ | 30 | 32 | 36 | 40 | 55 | 85 | 91 | 108 |
| Water pressure drop | kPa | 16 | 16 | 23 | 24 | 24 | 25 | 25 | 40 |
| Dimensions (L/W/H) | mm | 2150x760x 1310 | 2170x1065x 1930 | 2170x1065x 2304,5 | 2170x1065x 2304,5 | 2150x1078x 2258 | 2180x1080x 2060 | 2480x1330x 2360 | 2400x1200x 200 |
| Weight | kg | 370 | 613 | 752 | 761 | 900 | 1350 | 945 | 1400 |
| Wi-fi | | ✓ | ✓ | ✗ | ✗ | ✓ | ✓ | ✓ | ✓ |

Data sheet is based on capacities: Cooling: Ambient air temperature: 45° / 36°C - Water temperature: 33°C //
Heating: Ambient air temperature: 23° / 18°C - Water temperature: 26°C

Air/water heat pumps

Heating and Cooling

# Atecpool Max Heat Pump

ecofriendly




Five Star Heat Pumps

INSPIRED By Water

ATECPOOL
BWT GROUP

# Atecpool Max Heat Pump

## TOP DISCHARGE UNITS FOR OUTDOOR INSTALLATION

+55°C ambient

### Atecpool Max Heat Pump

Commercial Atecpool MAX air source swimming pool heat pump is designed for heavy duty heating and cooling in tropical weather with occasional sand storms

### Specifications

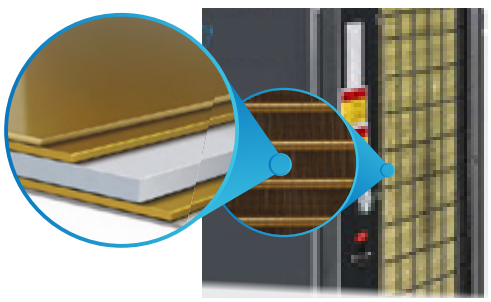


- Available in 50 and 60Hz.
- Durable metal design with multiple compressor system
- Automatic overheat control to ensure heating and cooling in peak day time hot weather
- Automatic defrost to ensure heating operations during winter time
- Wide heating capacity with 125kW to 450kW provided by a single unit
- Primary phase monitor protection against incorrect order of the phases or missing phase
- T3 Panasonic compressors with built-in automatic control logic for more energy saving
- Multiple fan speed mode to support low noise
- Wi-Fi control and BMS compatible

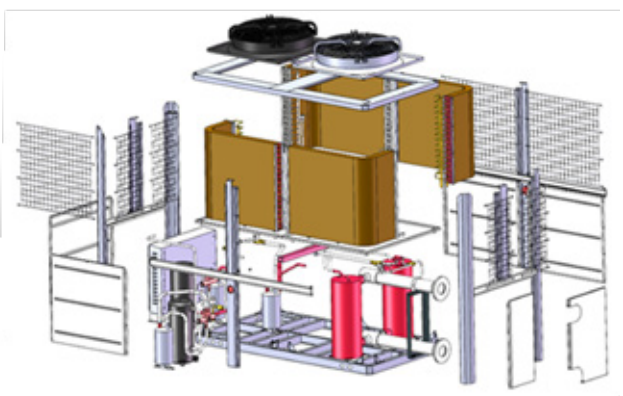
### Atecpool Max Heat Pump Benefits

- **Designed for 55°C ambient conditions**
  Atecpool Max T3 swimming pool heat pump combines T3 compressor and T3 technology, T3 Max swimming pool heat pump can work at 55°C ambient conditions.
- **Lower operation cost than traditional pool heat pump**
  Atecpool Max swimming pool heat pump features precise energy stage settings that optimize efficiency and energy savings. It adjusts the number of operating compressors based on the actual heating demand determined by the inlet water temperature—activating all compressors during high load requirements and reducing compressor use as the water temperature approaches the set target.
- **Spiral Titanium Heat Exchanger**
  Atecpool's titanium heat exchanger features an internal spiral tube design, ensuring high heat exchange efficiency and excellent corrosion resistance. This advanced construction significantly extends the lifespan of the heat pump.
- **Electronic Expansion Valve**
  Offers a wider operating temperature range and more precise, responsive refrigerant flow control compared to capillary tubes and mechanical expansion valves. An ideal solution for achieving greater energy efficiency and performance.
- **Hydrophilic Fin Heat Exchanger**
  The GOLDFIN heat exchanger is made from epoxy-coated aluminum, offering 100% corrosion resistance for exceptional durability and long-term performance. This advanced coating technology makes it ideal for use in coastal, high-humidity, or chemically aggressive environments, where traditional materials are prone to corrosion.

### Hydrophilic Fin Heat Exchanger



### Atecpool Max Heat Pump 3D Explosion



# Atecpool Max Heat Pump

## TOP DISCHARGE UNITS FOR OUTDOOR INSTALLATION



MAX50



MAX250

50~60Hz Compatible

+55°C ambient

### Technical Specifications

| Model | | MAX50 | MAX125 | MAX150 | MAX250 | MAX300 | MAX350 | MAX450 |
|---|---|---|---|---|---|---|---|---|
| Heating Condition #1: Ambient Temperature: 27°C; Water Inlet/Outlet Temperature: 26°C, Humidity 80% | | | | | | | | |
| Heating Capacity | kW | 50 | 125 | 150 | 250 | 300 | 350 | 450 |
| | BTU/h | 170600 | 426500 | 511800 | 853000 | 1023600 | 1194200 | 1535400 |
| COP | | 5,9 | 6,2 | 6,1 | 6,1 | 6,2 | 5,9 | 5,9 |
| Input Power | kW | 9 | 21 | 26 | 43 | 51 | 60 | 77 |
| Input Current | A | 16 | 40 | 49 | 81 | 97 | 113 | 146 |
| Heating Condition #2: Ambient Temperature:15°C; Water Inlet /Outlet Temperature: 26°C; Humidity 70% | | | | | | | | |
| Heating Capacity | kW | 35 | 88 | 105 | 175 | 210 | 245 | 315 |
| | BTU/h | 101455 | 253638 | 245700 | 409500 | 511800 | 573300 | 737100 |
| Input Current | A | 15 | 36 | 43 | 72 | 87 | 101 | 130 |
| Cooling Condition #1: Ambient Temperature: 46°C; Water Inlet /Outlet Temperature: 30°C | | | | | | | | |
| Cooling Capacity | kW | 30 | 75 | 90 | 150 | 180 | 210 | 270 |
| | BTU/h | 101455 | 253638 | 245700 | 409500 | 511800 | 573300 | 737100 |
| EER | | 3,0 | 3,1 | 3,0 | 3,0 | 3,1 | 3,0 | 3,0 |
| Input Power Cooling | kW | 10 | 25 | 30 | 50 | 60 | 70 | 90 |
| Input Current Cooling | A | 19 | 47 | 57 | 95 | 114 | 133 | 171 |
| Power Supply | V/PH/Hz | 380/3/50~60 | | | | | | |
| Compressor type | | Scroll | | | | | | |
| Compressor Qty | | 2 | | | 4 | | 6 | |
| Fan Qty | | 2 | | | | | 6 | |
| Fan air flow | cfm | 6000 | 14500 | 18000 | 30000 | 36000 | 42000 | 53000 |
| Noise at 1m | dB(A) | 60 | 65 | 65 | 68 | 70 | 95 | 80 |
| Minimum Water Flow | m³/h | 12 | 30 | 30 | 60 | 72 | 84 | 90 |
| Water Pressure Drop | kpa | 18 | 30 | 30 | 55 | 56 | 77 | 90 |
| Water Connection | mm | 63 | 90 | 90 | 110 | 110 | 140 | 140 |
| Fan Direction | | Vertical | | | | | | |
| Refrigerant Type | | R407C | | | | | | |
| Dimensions (LxWxH) | mm | 1500x800x 1230 | 2050x1065x 2010 | 2050x1065x 2010 | 2300x1350x 2360 | 2300x1350x 2360 | 3000x2000x 2300 | 3000x2000x 2300 |
| Weight | kg | 228 | 1003 | 1180 | 1920 | 2117 | 2790 | 3126 |

# Atecpool Air/Water Heat Pump

## SIDE DISCHARGE UNITS FOR OUTDOOR INSTALLATION

Atecpool side discharge heat pump

- R410A refrigerant, environmental friendly
- Titanium heat exchanger, corrosion resistance
- High pressure protection
- Defrost automatically
- With water flow switch
- Fully automatic operation
- Both heat and cool function



Automatic Defrosting

eco-friendly refrigerant



| Model | ASHP50 | ASHP70 | ASHP100 | ASHP130 | ASHP160 | ASHP300 |
|---|---|---|---|---|---|---|
| Heating Condition #1: Ambient Temperature: 27°C; Water Inlet/Outlet Temperature: 26°C, Humidity 80% | | | | | | |
| Heating Capacity(kW) | 5,0 | 7,2 | 9,5 | 13,0 | 16,1 | 30,0 |
| Power Input(kW) | 0,86 | 1,24 | 1,62 | 2,25 | 2,75 | 4,95 |
| COP | 5,84 | 5,81 | 5,88 | 5,79 | 5,85 | 6,06 |
| Heating Condition #2: Ambient Temperature:15°C; Water Inlet /Outlet Temperature: 26°C; Humidity 70% | | | | | | |
| Heating Capacity(kW) | 3,6 | 5,5 | 7,0 | 10,0 | 12,5 | 23,5 |
| Power Input(kW) | 0,73 | 1,12 | 1,41 | 2,05 | 2,54 | 4,69 |
| COP | 4,94 | 4,92 | 4,95 | 4,88 | 4,93 | 5,01 |
| Cooling Condition #1: Ambient Temperature: 45°C; Water Inlet /Outlet Temperature: 29°C | | | | | | |
| Cooling Capacity | 3,2 | 5,1 | 6,5 | 9,2 | 11,3 | 20,0 |
| Power Input(kW) | 0,94 | 1,51 | 1,90 | 2,69 | 3,36 | 5,78 |
| EER | 3,41 | 3,38 | 3,43 | 3,42 | 3,36 | 5,78 |
| Max Power Input(kW) | 1,16 | 1,68 | 2,24 | 3,24 | 3,72 | 6,35 |
| Max Current(A) | 5,8 | 8,5 | 11,3 | 16,4 | 18,8 | 11,4 |
| Power Supply | 220~240V/1/50Hz | | | | | 380~415V/3/50Hz |
| Refrigerant | R410A | | | | | |
| Heat Exchanger | Titanium | | | | | |
| Air Flow Direction | Horizontal | | | | | |
| Air Flow (cfm) | 2000 | 2000 | 2000 | 2000 | 2000 | 3500 |
| Minimum Water Flow (m³/h) | 2,0 | 3,0 | 3,5 | 5,5 | 6,0 | 12,0 |
| Operating temperature range(°C) | -15~50 | | | | | |
| Noise at 1m (dB(A)) | 48 | 48 | 50 | 52 | 52 | 54 |
| Weight(kg) | 42 | 46 | 58 | 72 | 85 | 135 |
| Water Connections (mm) | 50 | | | | | |
| Net Dimensions (L*W*H) (mm) | 936x385x550 | 936x385x550 | 1011x420x614 | 986x420x798 | 986x420x798 | 1003x374x1318 |

# Atecpool Air/Water Heat Pump

## SIDE DISCHARGE UNITS FOR OUTDOOR INSTALLATION

**Atecpool side discharge commercial heat pump**

- R410A refrigerant, environmental friendly
- Titanium heat exchanger, corrosion resistance
- High pressure protection
- Defrost automatically
- With water flow switch
- Fully automatic operation
- Both heat and cool function

Automatic Defrosting

eco-friendly refrigerant



| Model | ASHP450 | ASHP550 | ASHP670 | ASHP750 | ASHP850 | ASHP1000 | ASHP1150 | ASHP1350 | ASHP1600 |
|---|---|---|---|---|---|---|---|---|---|
| **Heating Condition #1: Ambient Temperature: 24°C; Water Inlet/Outlet Temperature: 26°C, Humidity 80%** | | | | | | | | | |
| **Heating Capacity(kW)** | 48,0 | 54,0 | 67,0 | 76,0 | 84,0 | 102,0 | 115,0 | 130,0 | 160,0 |
| **Power Input(kW)** | 8,80 | 9,80 | 12,20 | 13,80 | 14,90 | 18,60 | 20,90 | 23,60 | 29,09 |
| **COP** | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 | 5,5 |
| **Heating Condition #2: Ambient Temperature: 15°C; Water Inlet/Outlet Temperature: 26°C, Humidity 80%** | | | | | | | | | |
| **Heating Capacity(kW)** | 39,0 | 44,0 | 54,0 | 62,0 | 69,7 | 84,0 | 94,0 | 106,0 | 136,0 |
| **Power Input(kW)** | 8,50 | 9,50 | 11,80 | 13,40 | 15,20 | 18,2 | 20,50 | 23,10 | 29,56 |
| **COP** | 4,6 | 4,6 | 4,6 | 4,6 | 4,6 | 4,6 | 4,6 | 4,6 | 4,6 |
| **Cooling Condition #1: Ambient Temperature: 45°C; Water Inlet /Outlet Temperature: 30°C** | | | | | | | | | |
| **Cooling Capacity** | 27,0 | 36,0 | 45,0 | 51,0 | 60,0 | 69,0 | 78,0 | 88,0 | 103,0 |
| **Power Input(kW)** | 8,90 | 9,50 | 11,80 | 13,40 | 15,50 | 18,2 | 20,50 | 23,10 | 27,20 |
| **EER** | 3,0 | 3,8 | 3,8 | 3,8 | 3,8 | 3,8 | 3,8 | 3,8 | 3,8 |
| **Max Power Input(kW)** | 13,0 | 14,0 | 18,0 | 20,0 | 22,4 | 26,0 | 30,0 | 33,0 | 39,0 |
| **Max Current(A)** | 23,0 | 25,0 | 32,0 | 36,0 | 101,7 | 46,0 | 54,0 | 59,0 | 70,0 |
| **Power Supply** | 380~415V/3/50Hz | | | | | | | | |
| **Refrigerant** | R410A | | | | | | | | |
| **Heat Exchanger** | Titanium | | | | | | | | |
| **Air Flow Direction** | Horizontal | | | | | | | | |
| **Air Flow (cfm)** | 5900 | 7800 | 9000 | 10100 | 11000 | 13000 | 13000 | 17000 | 20000 |
| **Fan Quantity** | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 6 | 6 |
| **Minimum Water Flow (m³/h)** | 20,0 | 24,0 | 28,0 | 35,0 | 40,0 | 45,0 | 45,0 | 58,0 | 67,9 |
| **Operating temperature range(°C)** | -15~50 | | | | | | | | |
| **Noise at 1m (dB(A))** | 59 | 59 | 62 | 62 | 62 | 62 | 62 | 62 | 65 |
| **Weight(kg)** | 265 | 285 | 400 | 400 | 400 | 540 | 540 | 820 | 820 |
| **Water Connections (mm)** | 63 | 63 | 63 | 63 | 63 | 110 | 110 | 110 | 110 |
| **Dimensions(LxWxH)(mm)** | 1454 x 752 x 1703 | 1454 x 752 x 1703 | 2188 x 752 x 1703 | 2188 x 752 x 1703 | 2188 x 752 x 1703 | 1454 x 752 x 2103 | 1454 x 752 x 2103 | 2188 x860 x 2248 | 2188 x 860 x 2248 |

# Atecpool MaxChill Series

## WATER CHILLER

ecofriendly

Low water temperature up to 5°C

### Atecpool MaxChill water chillers for Plunge pools and Ice Bath

Ideal for plunge pools, aquatic habitat and water immersion pools for sports recovery. Atecpool Water Chillers provide low temperatures reaching 8°C for cold water treatment. Anti-Corrosive Titanium Heat Exchanger combined with a R410 refrigerant compressor for low water temperatures.



### Cold water therapy

- Reduces central nervous system fatigue.
- Reduces cardiovascular strain and supports the removal of metabolic waste.
- Increase local blood flow.
- Stimulate the discharge of waste products from tissues.
- Enhance parasympathetic nervous system activity for improved recovery.
- Alleviate pain and stiffness.
- Decrease exercise-induced muscle damage and reduces delayed onset muscle soreness (DOMS).
- Aid in pre-cooling for certain sports in hot conditions to help manage core body temperature post-exercise.

### Atecpool MaxChill Specifications

- **Smart Temperature Regulation**
  Experience precise thermal control across a wide 5°C to 40°C range, thanks to accurate sensors and an energy-efficient cooling system—ideal for tailoring recovery treatments to specific rehabilitation requirements.

- **Compact and Convenient Mobility**
  Designed for easy transport and an automatic air-release function, enabling quick, plug-and-play setup and smooth relocation between treatment areas.

- **Operational Efficiency and Savings**
  Say goodbye to daily ice purchases. The powerful yet efficient compressor supports multiple users at once, reducing ongoing costs and boosting facility productivity.

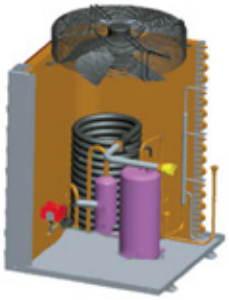
- **Built for Harsh Environments**
  Designed to perform consistently in challenging climates, the system functions flawlessly in temperatures ranging from -10°C to +55°C and is capable of chilling water to as low as +5°C.

- **Premium Titanium Heat Exchanger**
  Crafted from 100% pure Grade 1 Titanium (ASTM B265M), the heat exchanger is completely odorless, non-toxic, and leaves no residue—ensuring safe, clean water suitable for aquatic habitats.

- **Copper-Free Design**
  Completely free of copper, this design eliminates the risk of harmful or toxic substances forming in the water, ensuring a safer and cleaner experience.

### MaxChill Components

- Heat Exchanger made of double spiralled titanium tubes encased in PVC or SS for additional protection against corrosive pool water.
- Extra-large evaporator coils are designed to collect more cool energy from the outside air to ensure performance in even the most adverse conditions.
- Large axial fans, with precision engineered blades are used to draw maximum ambient air and pass it on to the evaporator coils



# Atecpool MaxChill Series

## WATER CHILLER

ecofriendly

Low water temperature up to 5°C

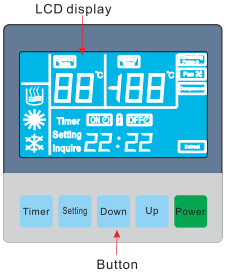
## Technical Data



| Model | | ACU-100 | ACU-200 | ACU-300 | ACU-500 | ACU-600 | ACU-1000 | ACU-1500 | ACU-1800 |
|---|---|---|---|---|---|---|---|---|---|
| **Cooling Condition #1: Ambient Temperature: 35°C; Water Inlet /Outlet Temperature: 15°C** | | | | | | | | | |
| **Cooling Capacity** | kW | 3,5 (1 Ton) | 7,5 (2 Ton) | 12,35 (3,5 Ton) | 18 (5 Ton) | 22,0 (6 Ton) | 33,0 (9,4 Ton) | 55,0 (15,6 Ton) | 66,0 (18,8 Ton) |
| **Power Input** | kW | 1,50 | 2,50 | 4,10 | 6,0 | 8,46 | 12,60 | 21,15 | 25,38 |
| **Rated Current** | Amps | 9,50 | 12,10 | 18,60 | 11,40 | 16,0 | 24,20 | 40,20 | 47,50 |
| **Cooling Condition #2: Ambient Temperature: 46°C; Water Inlet /Outlet Temperature: 26°C** | | | | | | | | | |
| **Cooling Capacity** | kW | 3,00 | 6,25 | 10,30 | 15,0 | 20,0 | 30,0 | 50,0 | 60,0 |
| **Power Input** | kW | 1,30 | 2,70 | 4,40 | 6,40 | 8,00 | 12,00 | 20,10 | 24,12 |
| **Rated Current** | Amps | 9,90 | 12,80 | 20,0 | 12,20 | 15,2 | 22,8 | 38,2 | 45,8 |
| **Min. Cooling Water Temp** | | 5°C | 8°C | | | | | | |
| **Power Voltage** | | 220~240V / 50Hz | | | 380V /3~ / 50Hz | | | | |
| **Operating Temperature Range** | | -10~50°C | | | | | | | |
| **Compressor (Type)** | | Rotary | Scroll | | | | | | |
| **Heat Exchanger** | | Titanium Tube Heat Exchanger in PVC Shell | | | | | | | |
| **Refrigerant** | | R410A | | | | | | | |
| **Cabinet** | | Galvenized Steel Casing | | | | | | | |
| **Water Connection** | inch | G-1,5" | G-2" | | | | | G-3" | |
| **Fan Quantity** | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| **Air Flow** | cfm | 1100 | 1800 | 3000 | 4800 | 6000 | 9000 | 15000 | 18000 |
| **Noise at 1m** | dB(A) | 49 | 49 | 58 | 58 | 60 | 62 | 65 | 65 |
| **Minimum Water Flow** | m³/h | 1 | 8 | 12 | 12 | 12 | 18 | 28 | 36 |
| **Water Pressure Drop** | kPa | 15 | 14 | 15 | 15 | 30 | 45 | 45 | 45 |
| **Dimensions** | mm | 550*540*715 | 630*605*780 | 810*810*1050 | 810*810*1350 | 1354*651*1224 | 1654*861*1324 | 2050*1065*2010 | 2119,5*1068*2019,6 |
| **Weight** | Kg | 37 | 94 | 105 | 160 | 192 | 211 | 279 | 312 |

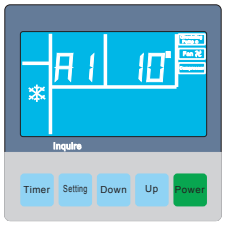
## LCD Display and Functions

MaxChill features more accurate and durable commercial grade digital controllers with user friendly features.




◆Illustration for the buttons

- unit unlock, turn on/off
- increase (setting parameters of the functions)
- decrease (setting parameters of the functions)
- Query and function setting
- Clock and timer switch setting



# Atecpool Split Heat Pump

## SPLIT AND HEAT

### Atecpool Split Heat pump




Split heat pump consists of two blocks. Outdoor unit is the source of heat. It contains a compressor, ventilator and air heat exchanger. Indoor unit contains water heat exchanger and control sensors.
Outdoor unit is placed away from the indoor unit (heat exchanger and sensors) as far as 20m horizontally and 10m vertically.

Full year -15~60°C

Panasonic Compressors

Self-Cleaning

20m away from pool

### Atecpool SHP 2400 and SHP 3000

| Model | SHP 2400 | SHP 3000 |
|---|---|---|
| **Heating Condition #1: Ambient Temperature: 27°C; Water Inlet/Outlet Temperature: 27°C, Humidity 80%** | | |
| Heating Capacity (kW) | 24,4 | 30,1 |
| COP | 6,9 | 6,9 |
| **Heating Condition #2: Ambient Temperature: 15°C; Water Inlet/Outlet Temperature: 26°C, Humidity 70%** | | |
| Heating Capacity (kW) | 18,7 | 24,3 |
| COP | 6,3 | 6,3 |
| **Cooling Condition #1: Ambient Temperature: 35°C; Water Inlet /Outlet Temperature: 28°C, Humidity 80%** | | |
| Cooling Capacity (kW) | 21,7 | 26,8 |
| **Technical Specifications** | | |
| Advised Pool Volume (m³) | 60-80 | 80-120 |
| Sound Level Min, at 10m dB(A) | 29 | 32 |
| Operating Air Temperature (°C) | -5°C~+40°C, with TROPICAL kit -5°C~+60°C | |
| Compressor Type | Panasonic / Sanyo, scroll | |
| Heat Exchanger(Grade and Surface of Titanium) | Titanium Twisted Gr 1- ASTM265; 1,2m² | Titanium Twisted Gr 1- ASTM265; 1,4m² |
| Cover | Metal powder coated 180°C enamel | |
| Refrigerant | R410A | |
| **Installation** | | |
| Power Supply | 400V/3pH/50Hz | 400V/3pH/50Hz |
| Water Connection | 50mm (6,4") | |
| Protection and Cable Size (20m) | C 10 A (5G2,5mm²) | C 16 A (3G2,5mm²) |
| Rated Power Input (kW) | 3,51 | 4,34 |
| Advised Water Flow (m³/h) | 8-10 | 8-12 |
| Dimensions LxWxH (mm) | 942x1250x360 - SPLIT | 942x1250x360 - SPLIT |
| Weight (kg) | 118 | 120 |
| Connection | | |
| Copper Pipe Connection | 3/4" + 3/8" | 3/4" + 3/8" |
| Max. Connection Distance | 20 m | |
| **Accessories** | | |
| Wi-fi | POOL VISION mobile app | |
| Winter Module | Operating air temperature -15°C~+40°C | |
| Tropical kit - extra compressor cooling | Up to +60°C ambient air | |

Remarks: *The data above is only for reference. For specific data, please refer to the nameplate on the unit.
Note: Manufacturer reserves the right to change above technical data without notice.

# Atecpool Air Dehumidifiers

## DEHUMIDIFICATION

### Atecpool Air Dehumidifiers

Atecpool Air Dehumidifiers is a refrigerative dehumidifier taking advantage of refrigerant circuit for dehumidification. When the humid air is led over the evaporator, the water vapour in the air condenses into water , then the air is heated as it passes through the condenser.



### Features of Atecpool Air Dehumidifiers

**Easy Installation**
Atecpool Air dehumidifier offers flexible setup options, supporting both floor-standing and wall-mounted installation for convenience.

**Low Noise Performance**
Equipped with a quiet rotary compressor and low-noise fan motor, Atecpool Air ensures smooth and silent operation.

**Durable Exterior**
Constructed with corrosion-resistant casing and rust-proof screws, the unit is built to withstand humid environments.

**High-Efficiency Heat Exchanger**
Fitted with a 0.1mm hydrophilic aluminum foil heat exchanger, it resists debris buildup and offers 30% more surface area than standard designs.

**Effective Air Filtration**
An integrated air filter within the grill traps dust and airborne impurities, helping to maintain clean indoor air.

**Flexible Control Options**
Atecpool Air Dehumidifier comes with a remote control (effective up to 10 meters) and also supports wired control, giving users multiple operation modes.



| Model | Units | AHD030 | AHD050 | AHD070 |
|---|---|---|---|---|
| Dehumidification Rate at 30°C/60%RH | L/h | 3,12 | 5,20 | 7,08 |
| Dehumidification Rate at 30°C/60%RH | kg/24h | 75 | 125 | 170 |
| Recommended Pool Surface | m² | 70 | 120 | 160 |
| Heat Recovered to Air at 30°C | kW | 3,2 | 5 | 8,2 |
| Sound Level | dB(A) | 48 | 50 | 52 |
| Circulating Air Volume | m³/h | 600 | 1200 | 1800 |
| Power Supply | V/PH/Hz | 220/1/50 | | |
| Power Consumption | kW | 1,30 | 2,00 | 2,92 |
| Rated Current | Amps | 5,9 | 9,1 | 13,3 |
| Condensate Drain Size | mm | 16 | 16 | 16 |
| Operating Temperature Range | °C | 5~36 | | |
| Operating Humidity Range | %RH | 40-100 | | |
| Compressor Protection | | 3 minutes delay | | |
| Defrost Mode | | Automatic | | |
| Refrigerant | | R410A | | |
| Compressor | | Rotary | | |
| Dimension | mm | 905*243*673 | 1288*243*673 | 1672*243*673 |

# Atecpool Dry Series Dehumidifiers

## DEHUMIDIFICATION

### Atecpool Dry Series Dehumidifiers

Atecpool Dry Series dehumidifier is made to provide up to 3.5 times more energy than it consumes keeping its heat recovery system at its best. Wide color options with metal cabinet. Available in four different versions:

**Wave**
- Wall mounted / mobile
- Economy model
- Acryl cover
- Full set of options

**Metal**
- Wall mounted / mobile
- Exclusive
- Metal cover
- Any colors possible

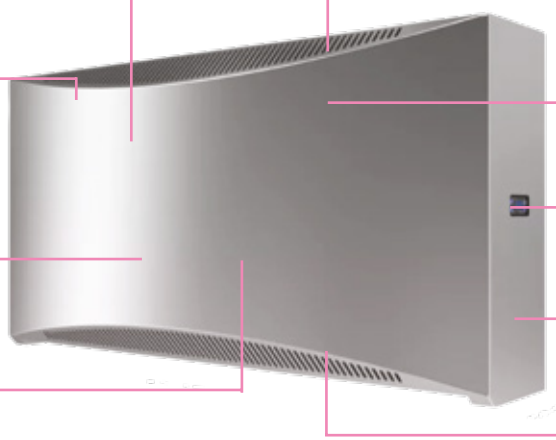
**Duct**
- Ducted / concealed
- 145-200 Pa
- Up to 30 m ducting
- Full set of options
- Silent comfort

**Through-the-wall (TTW)**
- Wall mounted
- Behind the wall
- Indoor/outdoor installation
- Aluminium grills
- Wall thickness up to 400 mm






| Series | Model | Pool Surface | Extraction rate 30 °C / 60%RH | Extraction rate 30 °C / 80%RH | Air Flow | Noise Level (at 1m dist.) | Power | Heat Output | Refrigerant | Dimensions (WxHxD) | Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | m² | l/24hrs | l/24hrs | m³/h | dB (A) | W | W | | mm | kg |
| DRY 500 | WAVE | 60 | 66 | 101 | 800 | 44 | 1000 | 3500 | R410A | 1245 x 660 x255 | 60 |
| | METAL | | | | | | | | | 1245 x 660 x300 | 77 |
| | TTW | | | | | | | | | 1245 x 660 x255 | 60 |
| | DUCT | 50 | 52 | 68 | 1000 | 56 | 1150 | | | 1245 x 660 x253 | 75 |
| DRY 800 | WAVE | 90 | 90 | 136 | 1100 | 46 | 1600 | 5100 | R410A | 1250x 950 x310 | 100 |
| | METAL | | | | | | | | | | 80 |
| | TTW | | | | | | | | | 1247x 950 x300 | 100 |
| | DUCT | 80 | 88 | 135 | 1100 | 58 | 1700 | | | | 102 |
| DRY 1200 | WAVE | 120 | 120 | 181 | 1200 | 46 | 2150 | 5250 | R410A | 1250x 950 x310 | 104 |
| | METAL | | | | | | | | | | 80 |
| | TTW | | | | | | | | | 1247x 950 x300 | 103 |
| | DUCT | 110 | 112 | 170 | 1200 | 60 | 2250 | | | | |



Inline heater for pools and spa

Silent heating solution

# Atecpool Thermolite

## TITANIUM ELECTRIC HEATER

ecofriendly




Titanium Heater

Silent Operation

INSPIRED By Water

ATECPOOL
BWT GROUP

# Atecpool Thermolite

## TITANIUM ELECTRICAL HEATER

**High Quality Inline Electric Heater for Swimming Pool and Spa**

The electric heater is purposefully engineered for exclusive deployment in above ground and in-ground swimming pools and spa centers, featuring a heating chamber constructed from titanium metal pipes to optimize heating performance.







| Specifications | ETH MODEL |
|---|---|
| Power Supply | Single phase or three phase |
| Frequency | 50/60 Hz |
| Flow Requirement | 4-17 m³/h |
| Heating Elements and Flow Tube | Grade 1 Titanium |
| Control Thermostat | 5-43°C (1.2"C differential) |
| Safety Thermal Cutout | 60°C (manual reset) |
| Contactor | 3RT6025 or 3RT6028 (Siemens) |
| Mounting | Floor / Wall Mounting |
| Working Pressure | 4 bar maximum |
| Water Connections (2 options) | 1.5"BSP female thread supplied with 1.5"/50mm stepped ABS unions for rigid pipe |
| | 1¼"/1" stepped hose tails for flexible pipe |
| Dimensions (LxWxH) | 750x130x230 mm |
| Net Weight | 5kg |

- Compact Design
- Longevity of materials
- Top safety features
- Anti Corrosion properties
- Reliability and Precision
- Titanium Heating Coils
- Silent Operation



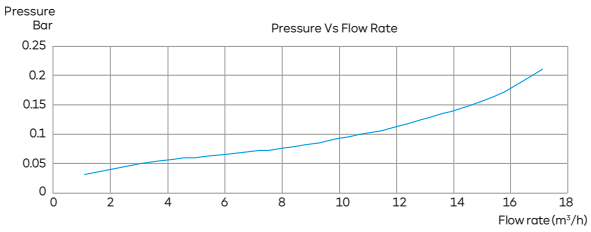
# Atecpool Thermolite

## TITANIUM ELECTRICAL HEATER

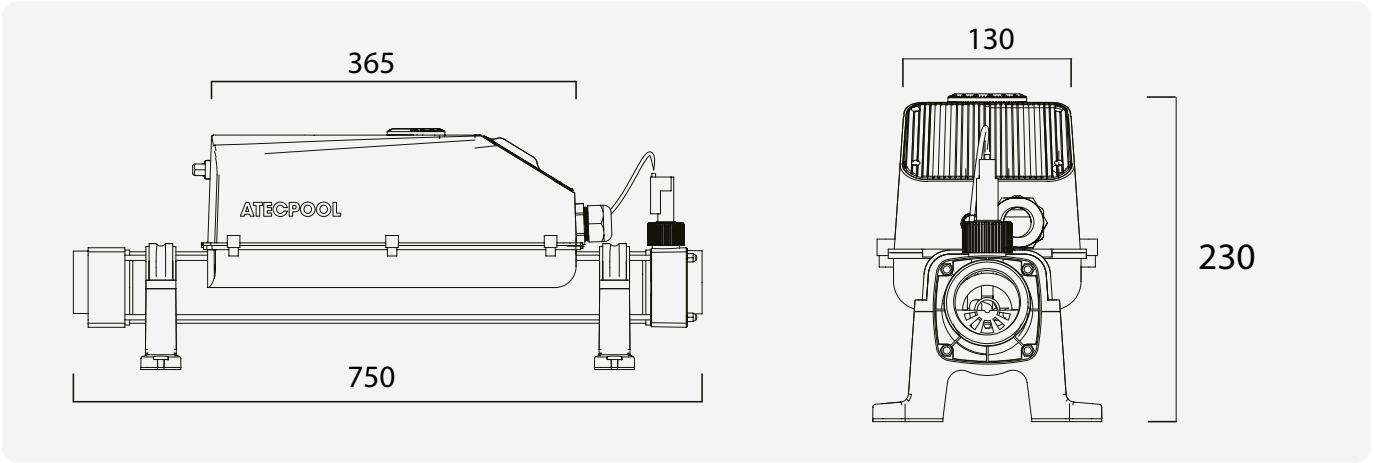
### Thermolite Specifications

| Code | Output power | Input Voltage | Phase | Rated current | Elements |
|---|---|---|---|---|---|
| | kW | V | | A | (no, x nominal kW) |
| ETH030S | 3 | 220-240 | Single | 14 | 1x3 kW |
| ETH060S | 6 | 220-240 | Single | 27 | 3x2 kW |
| ETH090S | 9 | 220-240 | Single | 40 | 3x3 kW |
| ETH0120S | 12 | 220-240 | Single | 53 | 3x4 kW |
| ETH060 | 6 | 380-415 | Three | 9 | 3x2 kW |
| ETH090 | 9 | 380-415 | Three | 13 | 3x3 kW |
| ETH0120 | 12 | 380-415 | Three | 18 | 3x4 kW |
| ETH0150 | 15 | 380-415 | Three | 22 | 3x5 kW |
| ETH0180 | 18 | 380-415 | Three | 26 | 3x6 kW |
| ETH0240 | 24 | 380-415 | Three | 35 | 3x8 kW |

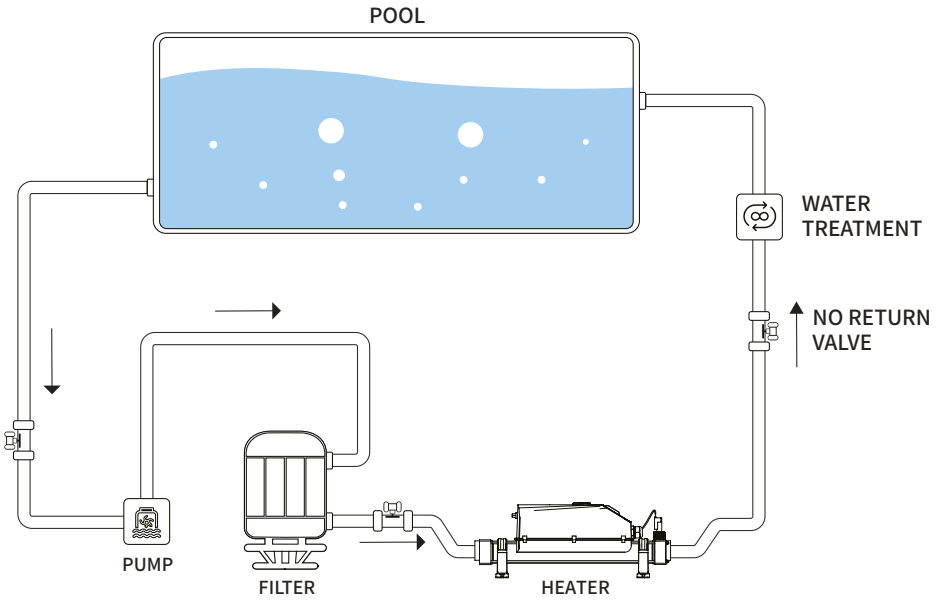
### Pressure Drop Chart




### Technical Drawing




### Installation Diagram



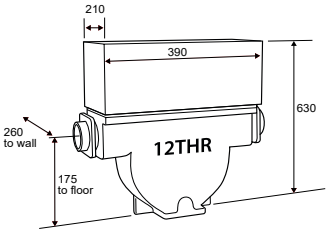
# Thermalec

## TITANIUM ELECTRICAL HEATER

### 12THR Series (3kW - 12kW)



| Code | Standard Power Supply: 230V/1ph/50Hz or 400V/3ph/50Hz | | | | |
|---|---|---|---|---|---|
| | Load (kW) | Current (Amps) 1-ph/3-ph | Elements (no, x nominal kW) | 1-phase version | 3-phase version |
| 12THRX3 | 3 | 14/n,a, | 1 x 3 kW | Yes | No |
| 12THRX4 | 4 | 17/n,a, | 1 x 4 kW | Yes | No |
| 12THRX6 | 6 | 27/n,a, | 2 x 3 kW | Yes | No |
| 12THRX7,5 | 7,5 | 33/11 | 3 x 2,5 kW | Yes | Yes |
| 12THRX9 | 9 | 40/13 | 3 x 3 kW | Yes | Yes |
| 12THRX12 | 12 | 53/17 | 3 x 4 kW | Yes | Yes |



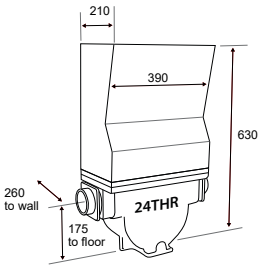

| Water Flow Rate Ranges | | | | | | | |
|---|---|---|---|---|---|---|---|
| | 3 kW | 4 kW | 6 kW | 7.5 kW | 9 kW | 10 kW | 12 kW |
| Max. (hard water) l/min | 152 | 152 | 152 | 152 | 152 | 152 | 152 |
| Max. (soft water) l/min | 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| Minimum l/min | 4,5 | 6 | 9 | 11 | 14 | 15 | 18 |

Packed dimensions: 425 x 450 x 190mm
Packed weight: 26kg

### 24THR Series (15kW - 24kW)



| Code | Standard Power Supply: 400V/3ph/50Hz | | |
|---|---|---|---|
| | Load (kW) | Current (Amps) | Elements (no, x nominal kW) |
| 24THRX15 | 15 | 22 | 6 x 2.5 kW |
| 24THRX18 | 18 | 26 | 6 x 3 kW |
| 24THRX21 | 21 | 31 | 3 x 4 kW + 3 x 3 kW |
| 24THRX24 | 24 | 35 | 6 x 4 kW |




| Water Flow Rate Ranges | | | | |
|---|---|---|---|---|
| | 15 kW | 18kW | 20kW | 24kW |
| Max. (hard water) l/min | 303 | 303 | 303 | 303 |
| Max. (soft water) l/min | 152 | 152 | 152 | 152 |
| Minimum l/min | 23 | 27 | 32 | 36 |

Packed dimensions: 730 x 520 x 300mm
Packed weight: 42kg

# Thermalec

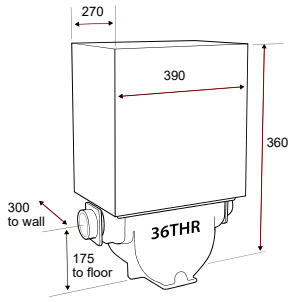
## TITANIUM ELECTRICAL HEATER

### 36THR Series (30kW - 36kW)



| Code | Standard Power Supply: 400V/3ph/50Hz | | |
|---|---|---|---|
| | Load (kW) | Current (Amps) | Elements (no, x nominal kW) |
| 36THRX30 | 30 | 44 | 3x4 kW + 6x3 kW |
| 36THRX36 | 36 | 53 | 9x4 kW |

| Water Flow Rate Ranges | | |
|---|---|---|
| | 30 kW | 36 kW |
| Max. (hard water) l/min | 300 | 300 |
| Max. (soft water) l/min | 150 | 150 |
| Minimum l/min | 46 | 55 |



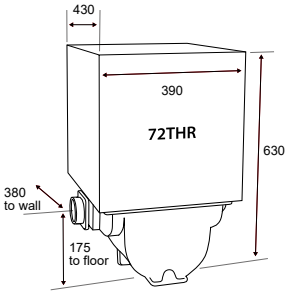

Packed dimensions:
660 x 450 x 330mm
Packed weight: 52kg

### 72THR Series (48kW - 72kW)



| Code | Standard Power Supply: 400V/3ph/50Hz | | |
|---|---|---|---|
| | Load (kW) | Current (Amps) | Elements (no, x nominal kW) |
| 72THRX48 | 48 | 73 | 12x4 kW |
| 72THRX60 | 60 | 91 | 15x4 kW |
| 72THRX72 | 72 | 108 | 18x4 kW |

| Water Flow Rate Ranges | | | |
|---|---|---|---|
| | 48 kW | 60 kW | 72 kW |
| Max. (hard water) l/min | 300 | 300 | 300 |
| Max. (soft water) l/min | 150 | 150 | 150 |
| Minimum l/min | 73 | 91 | 109 |



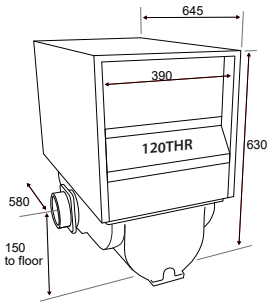

Packed dimensions:
660 x 450 x 470mm
Packed weight: 81kg

### 120THR Series (84kW - 120kW)



| Code | Standard Power Supply: 400V/3ph/50Hz | | |
|---|---|---|---|
| | Load (kW) | Current (Amps) | Elements (no, x nominal kW) |
| 120THRX84 | 84 | 122 | 21x4 kW |
| 120THRX96 | 96 | 140 | 24x4kW |
| 120THRX108 | 108 | 157 | 27x4 kW |
| 120THRX120 | 120 | 174 | 30x4 kW |

| Water Flow Rate Ranges | | | | |
|---|---|---|---|---|
| | 84 kW | 96 kW | 108 kW | 120 kW |
| Max. (hard water) l/min | 700 | 700 | 700 | 700 |
| Max. (soft water) l/min | 350 | 350 | 350 | 350 |
| Minimum l/min | 127 | 146 | 164 | 182 |




Packed dimensions:
750 x 580 x 750mm
Packed weight: 140kg

# Pool Heating

## WATER/WATER HEAT EXCHANGER

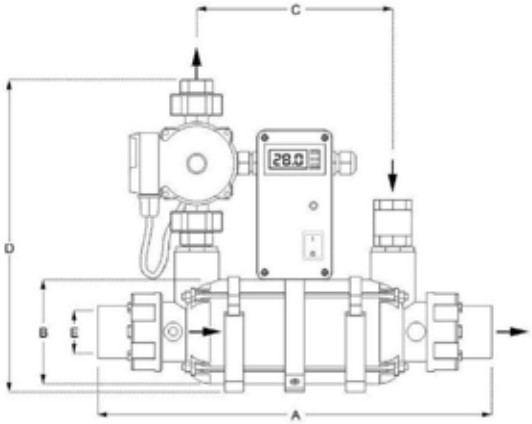
### Automatic Heat Exchanger 46/84 kW in plastic-S.S/Titanium

Compact Heat Exchanger in stainless steel or titanium corrugated tube, completely wired and equipped with a circulation pump (three step for the primary circuit), nonreturn valve, on-off button, LED – control lamp and digital electric temperature regulation (adjustable from 0 – 42°C, with display of the actual temperature, adjustable bathing water temperature, and temperature difference which is factory-set at 0,5° C). Included is also a pair of plastic clamps to mount the device to the wall or on the ground.

### Compact Line Heat Exchanger



### Compact Line Dimensions




| Code | Dimensions (mm) | | | | |
|---|---|---|---|---|---|
| | A | B | C | D | E |
| CL-45kW- AISI Compact | 415 | D.110 | 205 | 345 | 50 |
| CL-85kW- AISI Compact | 705 | D.110 | 495 | 345 | 50 |
| CL-45kW- Ti Compact | 415 | D.110 | 205 | 345 | 50 |
| CL-85kW- Ti Compact | 705 | D.110 | 495 | 345 | 50 |

### Compact Line AISI/Ti CL45 and 85

| Description | CL45 (AISI/Ti) | CL85 (AISI/Ti) |
|---|---|---|
| Heat capacity | 46 kW | 84 kW |
| | 39,560 kcal/h | 72,240 kcal/h |
| Temperature difference | 70 °C = 0,66 kW/°C | 70 °C = 1,2 kW/°C |
| Exchange area | 0,15 m² | 0,33 m² |
| Primary flow | 2 m³/h | 1,8 m³/h |
| Secondary flow | 10 m³/h | 12 m³/h |
| Pressure loss primary | 0,15 bar | 0,25 bar |
| Pressure loss secondary | 0,15 bar | 0,22 bar |
| Max. pressure primary | 6 bar | 6 bar |
| Max. pressure secondary | 2 bar | 2 bar |
| Material shell | PA66/PP-30% FG | PA66/PP-30% FG |
| Material corrugated tube | AISI 316/ Titanium | |
| Voltage | 230 V / 50Hz | 230 V / 50Hz |
| Power consumption of pump | 0,34 A | 0,34 A |
| IP rating | IP 54 | IP 54 |

### Compact Line AISI/Ti CL45 and 85 Technical Data

| Model | CL45 (AISI/Ti) | | CL85 (AISI/Ti) | |
|---|---|---|---|---|
| Pool Water | 24°C | 28°C | 24°C | 28°C |
| Heat Capacity | 43,4 kW | 40,7 kW | 79,2 kW | 74,4 kW |
| Primary in/out | 90/70,8°C | 90/72°C | 90/51°C | 90/53,3°C |
| Secondary in/out | 24/27,8°C | 28/31,5°C | 24/29,7°C | 28/33,4°C |
| Heat Capacity | 36,4 kW | 33,7 kW | 67,2 kW | 62,4 kW |
| Primary in/out | 80/64°C | 80/65,1°C | 80/47°C | 80/49,4°C |
| Secondary in/out | 24/27,1°C | 28/30,9°C | 24/28,8°C | 28/32,5°C |
| Heat Capacity | 29,4 kW | 26,7 kW | 55,2 kW | 50,4 kW |
| Primary in/out | 70/57°C | 70/58,3°C | 70/43°C | 70/45,4°C |
| Secondary in/out | 24/26,5°C | 28/30,3°C | 24/28°C | 28/31,6°C |
| Heat Capacity | 22,4 kW | 19,7 kW | 43,2 kW | 38,4 kW |
| Primary in/out | 60/50,2°C | 60/51,4°C | 60/39°C | 60/30,8°C |
| Secondary in/out | 24/25,9°C | 28/29,7°C | 24/27,1°C | 28/30,8°C |
| Heat Capacity | 15,4 kW | 12,7 kW | 31,2 kW | 26,4 kW |
| Primary in/out | 50/43,3°C | 50/44,5°C | 50/35°C | 50/37,2°C |
| Secondary in/out | 24/25,3°C | 28/29,1°C | 24/26,2°C | 28/29,9°C |

# Pool Heating

## WATER/WATER HEAT EXCHANGER

### Water Heat Exchanger 25/46kW at 90°C in S.S/Titanium

Water/water heat exchanger with corrugated coiled tubing in cross flow, stainless steel or titanium-corrugated coiled tubing, offers high energy efficiency. The plastic shell can endure high pressure and is corrosion resistant. The individual components are sealed with silicon gaskets and ensure longevity of the whole heat exchanger. Like all coiled tubing heat exchanger, they must be integrated in the bathing water circuit either directly or through the bypass-system. Material shell is made of PA66/PP-30% FG.

### CLT25 - Heat Exchanger



### CLT45 - Heat Exchanger



### CLT85 - Heat Exchanger



### CLT105 - Heat Exchanger



### CLT25 and 45 Technical Data

| Model | CLT25 | | | CLT45 | | |
|---|---|---|---|---|---|---|
| Pool Water | 20°C | 24°C | 28°C | 20°C | 24°C | 28°C |
| Heat Capacity | 25kW | 23,5kW | 22,1kW | 46kW | 43,4kW | 40,7kW |
| Primary in/out | 90/79°C | 90/79,6°C | 90/80,2°C | 90/69,6°C | 90/70,8°C | 90/72°C |
| Secondary in/out | 20/22,7°C | 24/2,5°C | 28/30,4°C | 20/24°C | 24/27,8°C | 28/31,5°C |
| Heat Capacity | 21,5 kW | 20 kW | 18,6 kW | 39 kW | 36,4 kW | 33,7 kW |
| Primary in/out | 80/70,5°C | 80/71,2°C | 80/71,8°C | 80/62,8°C | 80/64°C | 80/65,1°C |
| Secondary in/out | 20/22,3°C | 24/26,2°C | 28/30°C | 20/23,4°C | 24/27,1°C | 28/30,9°C |
| Heat Capacity | 18 kW | 16,5 kW | 15,1 kW | 32 kW | 29,4 kW | 26,7 kW |
| Primary in/out | 70/62°C | 70/62,8°C | 70/63,4°C | 70/55,9°C | 70/57°C | 70/58,3°C |
| Secondary in/out | 20/21,9°C | 24/25,8°C | 28/29,6°C | 20/22,8°C | 24/26,5°C | 28/30,3°C |
| Heat Capacity | 14,5 kW | 13 kW | 11,6 kW | 25 kW | 22,4 kW | 19,7 kW |
| Primary in/out | 60/53,6°C | 60/54,3°C | 60/54,9°C | 60/49°C | 60/50,2°C | 60/51,4°C |
| Secondary in/out | 20/21,6°C | 24/25,4°C | 28/29,2°C | 20/22,1°C | 24/25,9°C | 28/29,7°C |
| Heat Capacity | 11 kW | 9,5 kW | 8,1 kW | 18 kW | 15,4 kW | 12,7 kW |
| Primary in/out | 50/45,2°C | 50/45,9°C | 50/46,5°C | 50/42,1°C | 50/43,3°C | 50/44,5°C |
| Secondary in/out | 20/21,2°C | 24/25°C | 28/28,9°C | 20/21,5°C | 24/25,3°C | 28/29,1°C |

### CLT85 and 105 Technical Data

| Model | CLT85 | | | CLT105 | | |
|---|---|---|---|---|---|---|
| Pool Water | 20°C | 24°C | 28°C | 20°C | 24°C | 28°C |
| Heat Capacity | 91 kW | 85,8 kW | 80,6 kW | 126 kW | 118,8 kW | 111,6 kW |
| Primary in/out | 90/49,6°C | 90/52°C | 90/54,2°C | 90/34°C | 90/37,3°C | 90/40,5°C |
| Secondary in/out | 20/26,5°C | 24/30,2°C | 28/33,8°C | 20/27,2°C | 24/30,8°C | 28/34,4°C |
| Heat Capacity | 78 kW | 72,8 kW | 67,6 kW | 108 kW | 100,8 kW | 93,6 kW |
| Primary in/out | 80/45,5°C | 80/47,8°C | 80/50,1°C | 80/32,3°C | 80/35,5°C | 80/38,7°C |
| Secondary in/out | 20/25,6°C | 24/29,2°C | 28/32,9°C | 20/26,2°C | 24/29,8°C | 28/33,4°C |
| Heat Capacity | 65 kW | 59,8 kW | 54,6 kW | 90 kW | 82,8 kW | 75,6 kW |
| Primary in/out | 70/41,4°C | 70/43,7°C | 70/46°C | 70/30,4°C | 70/33,6°C | 70/36,7°C |
| Secondary in/out | 20/24,7°C | 24/28,3°C | 28/31,9°C | 20/25,2°C | 24/28,8°C | 28/32,4°C |
| Heat Capacity | 52 kW | 46,8 kW | 41,6 kW | 72 kW | 64,8 kW | 57,6 kW |
| Primary in/out | 60/37,2°C | 60/39,5°C | 60/41,8°C | 60/28,4°C | 60/31,6°C | 60/34,8°C |
| Secondary in/out | 20/23,7°C | 24/27,4°C | 28/31°C | 20/24,1°C | 24/27,7°C | 28/31,3°C |
| Heat Capacity | 39 kW | 33,8 kW | 28,6 kW | 54 kW | 46,8 kW | 39,6 kW |
| Primary in/out | 50/33°C | 50/35,2°C | 50/37,5°C | 50/26,4°C | 50/29,6°C | 50/32,7°C |
| Secondary in/out | 20/22,8°C | 24/26,4°C | 28/30,1°C | 20/23,1°C | 24/26,7°C | 28/30,3°C |

### CLT25-105 Specifications

| Model | Heat capacity | Temperature difference | Exchange area | Primary flow | Secondary flow | Pressure loss primary | Pressure loss secondary | Max. pressure primary | Max. pressure secondary | Material corrugated tube |
|---|---|---|---|---|---|---|---|---|---|---|
| CLT25 (AISI/Ti) | 25kW / 21,500 kcal/h | 70°C=0,36 kW/°C | 0,09 m³ | 2 m³/h | 8 m³/h | 0,10 bar | 0,11 bar | 6 bar | 2 bar | AISI 316/ Titanium |
| CLT45 (AISI/Ti) | 46kW / 39,560 kcal/h | 70°C=0,66 kW/°C | 0,15 m³ | 2 m³/h | 10 m³/h | 0,15 bar | 0,15 bar | 6 bar | 2 bar | |
| CLT85 (AISI/Ti) | 91 kW / 78,260 kcal/h | 70°C = 1,3 kW/°C | 0,33 m² | 2 m³/h | 12 m³/h | 0,28 bar | 0,22 bar | 6 bar | 2 bar | |
| CLT105 (AISI/Ti) | 126 kW / 108,360 kcal/h | 70°C = 1,8 kW/°C | 0,54 m² | 2 m³/h | 15 m³/h | 0,36 bar | 0,30 bar | 6 bar | 2 bar | |

# Pool Heating

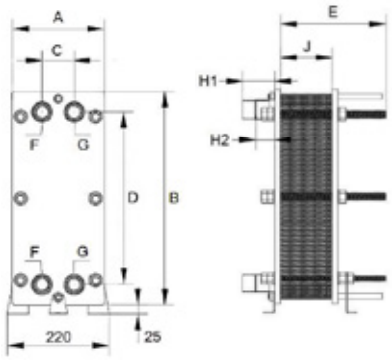
## BOLTED PLATE HEAT EXCHANGER

### Plate Line Bolted 40 to 300 kW at 70°C in S.S or titanium

These plate heat exchanger have been made to heat bathing water with warm water. They are calculated at a temperature of 70/60/50/40°C and have an operating range from 15 to 300 kW. Take advantage of the bolted plate heat exchanger, which feature high energy efficiency at low pressure loss, and are available in stainless steel AISI 316 or titanium.

### PTH 40 -300 kW






**Calculation information for the capacity on the secondary side**

The plate heat exchanger are calculated based on a pool water temperature (secondary) of 20°C. If you desire a pool water temperature of, e.g., 30°C, you should pick the row with 10°C less in the primary circuit to accurately capture the real performance of the plate exchanger.

| Code | Dimensions (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | H1/F | H1/G | J |
| **PTH-407 AISI / Ti** | 200 | 460 | 69 | 380 | 147 | 70mm/11/4" | 40/11/4" | 20,5 |
| **PTH-409 AISI / Ti** | 200 | 460 | 69 | 380 | 147 | 70mm/11/4" | 40/11/4" | 20,5 |
| **PTH-411 AISI / Ti** | 200 | 460 | 69 | 380 | 147 | 70mm/11/4" | 40/11/4" | 20,5 |
| **PTH-415 AISI / Ti** | 200 | 460 | 69 | 380 | 147 | 70mm/11/4" | 40/11/4" | 20,5 |
| **PTH-419 AISI / Ti** | 200 | 460 | 69 | 380 | 147 | 70mm/11/4" | 40/11/4" | 20,5 |

H1/F and H1/G also available in titanium/AISI316 or (AISI316/PVC)/AISI 316

### PTH 85 and 105 Specifications

| Model | PTH-407 | PTH-411 | PTH-415 | PTH-423 | PTH-427 | PTH-435 | PTH-439 |
|---|---|---|---|---|---|---|---|
| **Heat capacity** | 40 kW | 75 kW | 100 kW | 170 KW | 195 kW | 260 kW | 300 kW |
| **Primary in/out** | 70/45°C | 70/43,8°C | 70/42,7°C | 70/42,5°C | 70/42,4°C | 70/41,6°C | 70/42°C |
| **Secondary in/out** | 20/44,6°C | 20/47°C | 20/48°C | 20/47,5°C | 20/48°C | 20/48°C | 20/47,5°C |
| **Heat capacity** | 33 kW | 60 kW | 78 kW | 133 kW | 153 kW | 202 kW | 235 kW |
| **Primary in/out** | 60/40°C | 60/39°C | 60/38,6°C | 60/38,4°C | 60/38,4°C | 60/38°C | 60/38°C |
| **Secondary in/out** | 20/40,3°C | 20/41,6°C | 20/41,7°C | 20/41,6°C | 20/42°C | 20/42°C | 20/41,6°C |
| **Heat capacity** | 24 kW | 43 kW | 57 kW | 98 kW | 112 kW | 147 kW | 170 kW |
| **Primary in/out** | 50/35°C | 50/35°C | 50/34,4°C | 50/34,1°C | 50/34,2°C | 50/34 °C | 50/34,2°C |
| **Secondary in/out** | 20/34,8°C | 20/35,5°C | 20/35,9°C | 20/36°C | 20/36,1°C | 20/36°C | 20/35,6°C |
| **Heat capacity** | 15 kW | 26 kW | 36 kW | 62 kW | 71 kW | 95 kW | 107 kW |
| **Primary in/out** | 40/30,7°C | 40/31°C | 40/30,2°C | 40/30°C | 40/30°C | 40/29,7°C | 40/30,1°C |
| **Secondary in/out** | 20/29,3°C | 20/29,4°C | 20/30°C | 20/30,1°C | 20/30,2°C | 20/30,3°C | 20/29,8°C |
| **Primary flow** | 1,4 m³/h | 2,5 m³/h | 3,2 m³/h | 5,4 m³/h | 6,2 m³/h | 8 m³/h | 9,4 m³/h |
| **Secondary Flow** | 1,4 m³/h | 2,4 m³/h | 3,1 m³/h | 5,3 m³/h | 6 m³/h | 8 m³/h | 9,4 m³/h |
| **Pressure loss primary** | 0,22 bar | 0,25 bar | 0,20 bar | 0,23 bar | 0,22 bar | 0,22 bar | 0,23 bar |
| **Pressure loss secondary** | 0,24 bar | 0,25 bar | 0,21 bar | 0,25 bar | 0,23 bar | 0,24 bar | 0,26 bar |
| **Basis of Calculation** | Secondary 20°C | | | | | | |
| **Installation pool** | bypass | | | | | | |
| **No, of plates** | 7 | 11 | 15 | 23 | 27 | 35 | 39 |
| **Area** | 0,21 m² | 0,37 m² | 0,53 m² | 0,86 m² | 1 m² | 1,35 m² | 1,52 m² |
| **Material of plates** | AISI 316 / titanium | | | | | | |
| **Material of threaded rod** | AISI 304 | | | | | | |
| **Max. temperature** | 90°C | | | | | | |
| **Max. pressure** | 10 bar | | | | | | |
| **Empty weight AISI 316** | 25 kg | 26 kg | 27 kg | 30 kg | 31 kg | 34 kg | 35 kg |
| **Empty weight titanium** | 24 kg | 25 kg | 25 kg | 27 kg | 28 kg | 30 kg | 31 kg |
| **Mat, of coated frame** | S 235 JR | | | | | | |
| **NBHRT gaskets** | Max. 150°C | | | | | | |

# Pool Heating

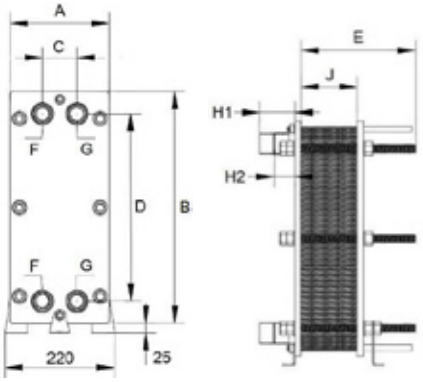
## BOLTED PLATE HEAT EXCHANGER

### Plate Line Bolted 400 to 1200 kW at 70°C in S.S or titanium

These plate heat exchanger have been made to heat bathing water with warm water. They are calculated at a temperature of 70/60/50/40°C and have an operating range from 145 to 1200 kW. Take advantage of the bolted late heat exchanger, which feature high energy efficiency at low pressure loss, and are available in stainless steel AISI 316 or titanium

### PTH 400 -1200 kW






**Calculation information for the capacity on the secondary side**

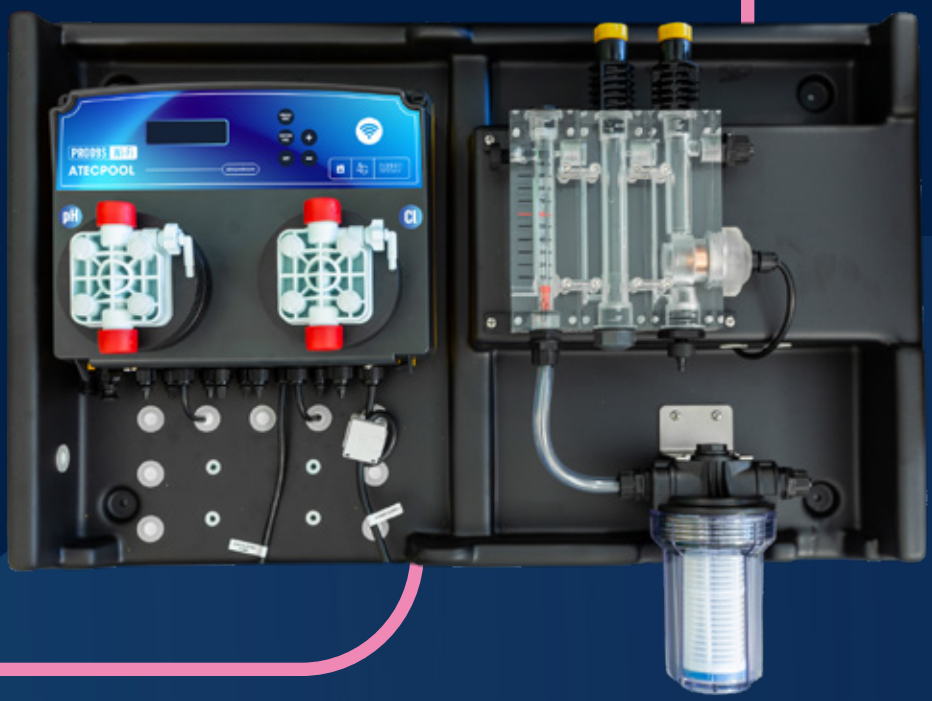
The plate heat exchanger are calculated based on a pool water temperature (secondary) of 20°C. If you desire a pool water temperature of, e.g., 30°C, you should pick the row with 10°C less in the primary circuit to accurately capture the real performance of the plate exchanger.

| Code | Dimensions (mm) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | H1/F | H1/G | J |
| 13M-PTH 14A/7B AISI/Ti | 310 | 725 | 125 | 600 | 630 | 58mm/21/4" | 58mm/21/4" | 71 |
| 13M-PTH 17A/10B AISI/Ti | 310 | 725 | 125 | 600 | 630 | 58mm/21/4" | 58mm/21/4" | 91 |
| 13M-PTH 25A/8B AISI/Ti | 310 | 725 | 125 | 600 | 630 | 58mm/21/4" | 58mm/21/4" | 112 |
| 13M-PTH 27A/10B AISI/Ti | 310 | 725 | 125 | 600 | 630 | 58mm/21/4" | 58mm/21/4" | 125 |
| 13M-PTH 26A/17B AISI /Ti | 310 | 725 | 125 | 600 | 630 | 58mm/21/4" | 58mm/21/4" | 146 |

H1/F and H1/G also available in titanium/AISI316 or (AISI316/PVC)/AISI 316

### PTH 400 -1200 kW Specifications

| Model | 13M-PTH 14A/7B | 13M-PTH 17A/10B | 13M-PWT 27A/10B | 13M-PWT 31A/18B | 13M-PWT 35A/18B | 13M-PWT 46A/15B |
|---|---|---|---|---|---|---|
| Heat capacity | 400 kW | 500 kW | 700 kW | 900 KW | 1000 kW | 1200 kW |
| Primary in/out | 70/41°C | 70/41°C | 70/36°C | 70/37°C | 70/36,2°C | 70/35°C |
| Secondary in/out | 20/47,5°C | 20/47°C | 20/44°C | 20/44,2°C | 20/42,7°C | 20/43,5°C |
| Heat capacity | 310 kW | 390 kW | 550 kW | 710 kW | 790 kW | 940 kW |
| Primary in/out | 60/37,45°C | 60/37°C | 60/33°C | 60/34°C | 60/33,4°C | 60/32,5°C |
| Secondary in/out | 20/41,4°C | 20/41°C | 20/39°C | 20/39°C | 20/38°C | 20/38,5°C |
| Heat capacity | 225 kW | 290 kW | 400 kW | 525 kW | 572 kW | 660 kW |
| Primary in/out | 50/33,6°C | 50/33,1°C | 50/30,6°C | 50/30,9°C | 50/30,8°C | 50/30,8°C |
| Secondary in/out | 20/35,5°C | 20/35,6°C | 20/33,8°C | 20/34,1°C | 20/33°C | 20/32,9°C |
| Heat capacity | 145 kW | 190 kW | 255 kW | 344 kW | 375 kW | 425 kW |
| Primary in/out | 40/29,5°C | 40/29°C | 40/27,7°C | 40/27,5°C | 40/27,4°C | 40/27,7°C |
| Secondary in/out | 20/30°C | 20/30,2°C | 20/28,8°C | 20/29,3°C | 20/28,5°C | 20/28,3°C |
| Primary flow | 12 m³/h | 15 m³/h | 18 m³/h | 24 m³/h | 26 m³/h | 30 m³/h |
| Secondary Flow | 12,5 m³/h | 16 m³/h | 25 m³/h | 32 m³/h | 38 m³/h | 44 m³/h |
| Pressure loss primary | 0,27 bar | 0,24 bar | 0,20 bar | 0,18 bar | 0,19 bar | 0,20 bar |
| Pressure loss secondary | 0,31 bar | 0,29 bar | 0,40 bar | 0,34 bar | 0,42 bar | 0,46 bar |
| Basis of Calculation | 20°C | | | | | |
| No, of plates | 21 | 27 | 37 | 49 | 53 | 61 |
| Area | 2,38m² | 3,13m² | 4,38m² | 5,88m² | 6,38m² | 7,38m² |
| Material of plates | AISI 316 / titanium | | | | | |
| Material of threaded rod | DIN 975 88 | | | | | |
| Max. temperature | 90°C | | | | | |
| Max. pressure | 10 bar | | | | | |
| Empty weight AISI 316 | 100 kg | 104 kg | 111 kg | 120 kg | 123 kg | 128 kg |
| Empty weight titanium | 94 kg | 97 kg | 101 kg | 107 kg | 108 kg | 112 kg |
| Mat, of coated frame | S 355 J2+N | | | | | |
| NBHRT gaskets | Max. 150°C | | | | | |



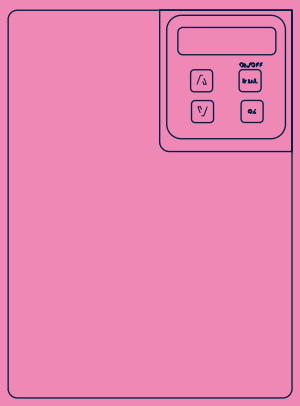

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# Water Treatment



INSPIRED By Water

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BWT GROUP

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# Atecpool Chemical Dosing and Control

## Widest range of water treatment solutions for your pool

The best water treatment solution for all types of water bodies, big or small with integration of modular high end automatic monitoring and control systems from **ATECPOOL**.
High-quality, fully automated control systems combined with a wide selection of water treatment equipment make our solutions efficient and hassle-free. Water Treatment equipments are calibrated and designed to comply with the values regulated by the **World Health Organization (WHO) Health Department and the National Spa and Pool Institute (NSPI)** for the prevention of germs and bacteria.

**ATECPOOL** is your best choice to ensure high quality water.

Water Treatment

UV System

# Atecpool AOP Advanced Oxidation Process

## Commercial and residential




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# Atecpool AOP Systems

## ADVANCED OXIDATION PROCESS

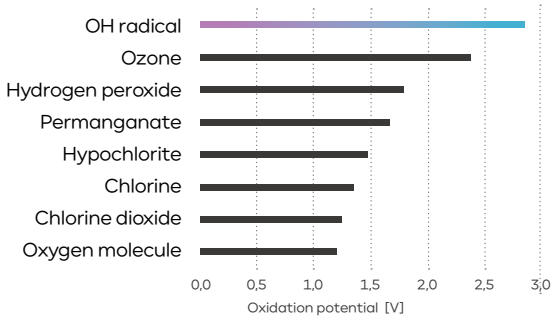
ecofriendly

**Reduces pool chemicals**
Save money

The high oxidation potential of ozone can be significantly increased by combining it with UV radiation. This method is known as advanced oxidation or UV oxidation. LifeOX® technology is based on optimised synergy between ozone and UV radiation. The advanced oxidation process (AOP) is one of the most advanced water treatment technologies available today. AOP is based on the formation of OH- radicals in the water. These OH- radicals have a significantly higher oxidation potential than other water treatment oxidants. This means that OH- radicals (i.e., AOP technology) are able to oxidise particles in water much faster and more efficiently. The comparison can be found in the chart below. OH- radicals have a higher oxidation potential than hydrogen peroxide or ozone. The higher the oxidation potential, the more effective the water disinfection and purification.

### Best disinfection technology with OH-

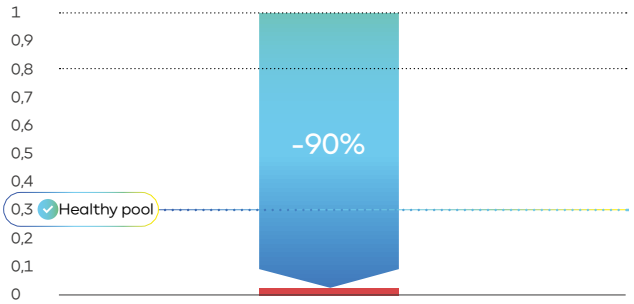
**The higher the oxidation potential, the more effective the water disinfection and purification.**





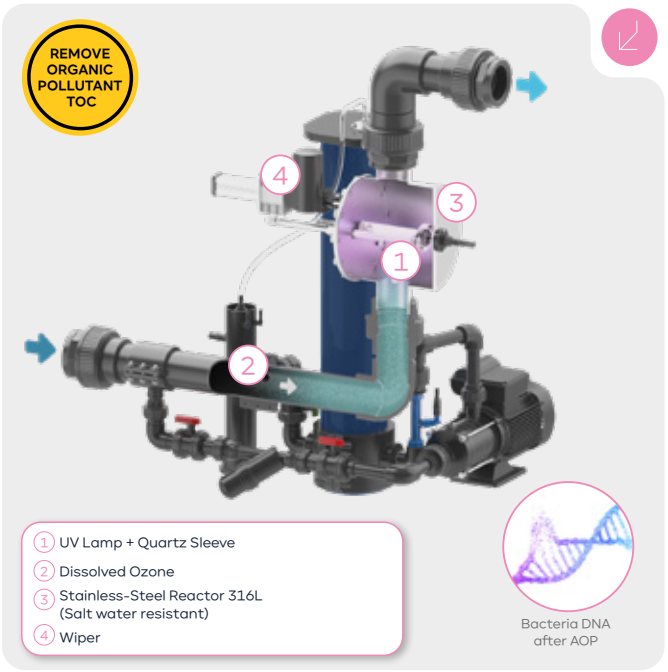


Reduction of chlorine dosage

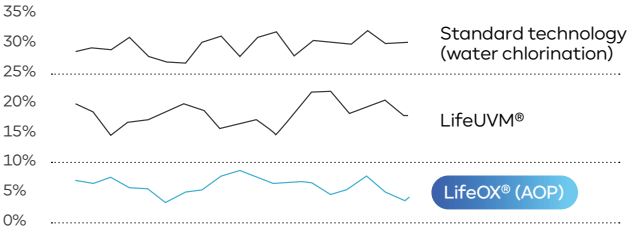



Total chlorine in the pool

### The most compact design for AOP



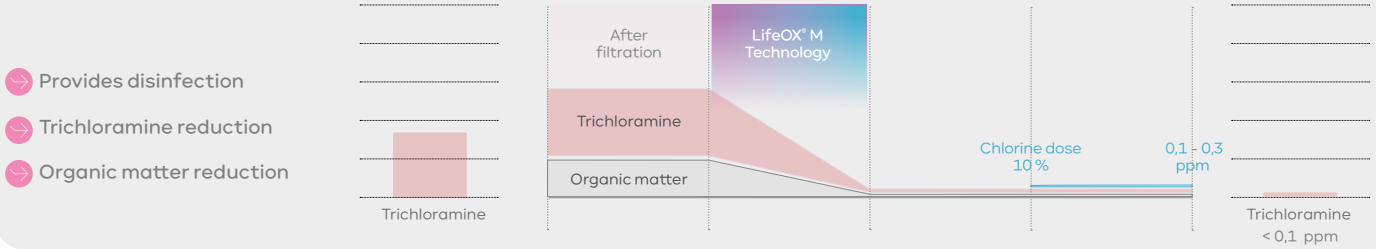

Independent measurement and testing took place in a public swimming pool in Bismo, Norway (2007)




Bound chlorine (mg/L)

### AOP LifeOX®M

The pool water attains the quality of drinking water, creating a healthy and pleasant environment suitable even for toddlers, asthmatics, and allergy sufferers. It is free from harmful Trichloramine and organic TOC contaminants. The concentration of disinfecting chlorine can be reduced to 0,1-0,2 mg/L. This results in a radical reduction of operating costs and the fastest return on investment.
Reduces TOC (Total organic carbon)



# Atecpool AOP Systems

## ADVANCED OXIDATION PROCESS

Salt Water Resistant

PUBLIC POOLS UP TO 250m³/h



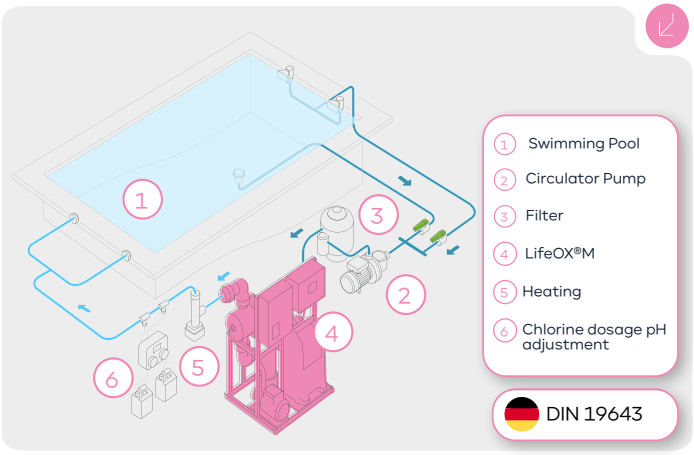
### Atecpool LifeOX - The best disinfection technology

Disinfection, prevention of trichloramine formation, and TOC reduction in a single compact system make this one of the most effective pool water treatment technologies with the fastest return on investment. Trichloramine causes: asthma, pool odor, red eyes, drying and burning of the skin, corrosion. TOC - the total amount of organic substances contaminating the water.

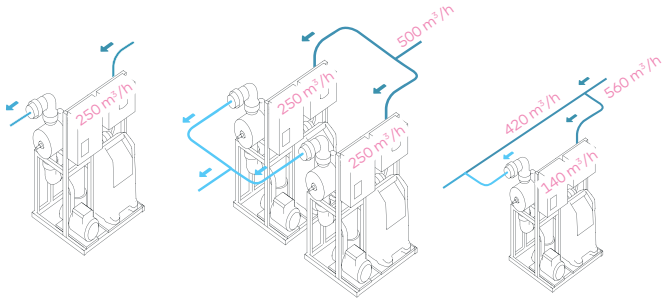
### Specifications

| Description | Type |
|---|---|
| Max Flow Rate | up to 250 m³/h |
| Ozone Generation | Air dryer |
| Ozone Generation Technology | Oxygen concentrator |
| AOP Technology | Corona discharge |
| UV Lamp Type | Ozone + UV |
| Power Control | Medium-pressure LifeUVM |
| Installation | 10–100 % |
| Connection System | Plug and Play |
| Input Power (kW) | In pipes (in-line)<br>In by-pass |
| Input Power (kW) | 1,8– 9,0 |

### Installation: Fresh Water and Salt Water pools




### AOP Flow Rates and Connections




250 m³/h
LifeOX® M250.EP
serial connection
water flow (100%)

500 m³/h
2x LifeOX® M250.EP
parallel connection
water flow
(100% + 100%)

560 m³/h
(25% Efficiency)
LifeOX® M140.EP
parallel connection
water flow
(25%)

Custom flow rates available upon request

### Model and Specifications

| Model | Ozone Generation | Connection | Flow Rate | Input Power | Dimensions | Weight |
|---|---|---|---|---|---|---|
| | | | m³/h | kW | mm | kg |
| ATECLifeOX M10.EP | Air dryer | 2" | 10 | 1.8 | 985x847x1,202 | 100 |
| ATECLifeOX M20.EP | Air dryer | 2" | 20 | 2 | 985x847x1,202 | 100 |
| ATECLifeOX M40.EP | Oxygen concentrator | 3" | 40 | 2.5 | 1,110x857x1,472 | 140 |
| ATECLifeOX M90.EP | Oxygen concentrator | DN 125 (flange) | 90 | 3.9 | 1,300x1,300x2,000 | 250 |
| ATECLifeOX M140.EP | Oxygen concentrator | DN 150 (flange) | 140 | 5.9 | 1,300x1,300x2,000 | 250 |
| ATECLifeOX M250.EP | Oxygen concentrator | DN 250 (flange) | 250 | 9 | 1,500x1,300x2,000 | 280 |

Water Treatment

UV System

# Atecpool Medium Pressure UV Systems

## Commercial and residential




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ATECPOOL
BWT GROUP

# Atecpool UV System

## PROFIPURE MEDIUM PRESSURE UV

POOLS UP TO
**30m³/h**



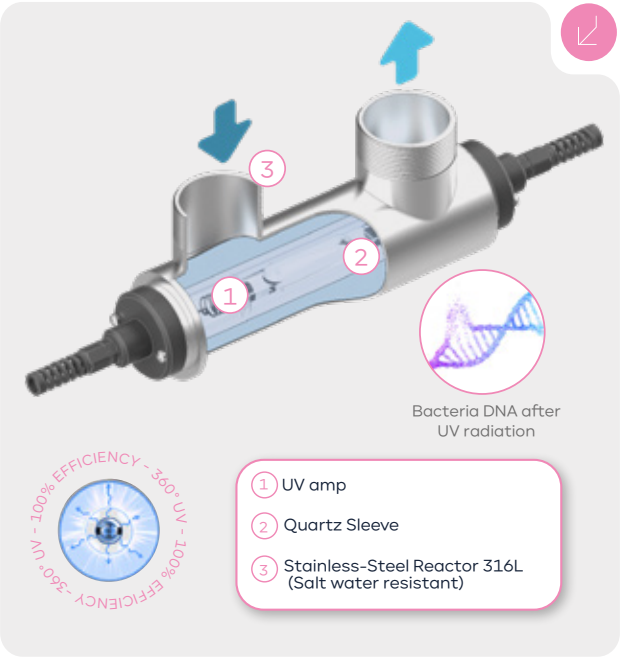

### Specifications

| Description | Type |
|---|---|
| Expected life of UV lamp | 5,000 hours |
| Salt water | Yes |
| Power Supply | Magnetic power supply |
| Connection | 1 ½"–3" |
| Total power input of UV lamps | 0,25 - 0,8 kW |
| Wiper | Without wiper |
| Material | Stainless-steel reactor 316L (Salt water resistant) |
| Sensor | Temperature |
| Optional | UV sensor |

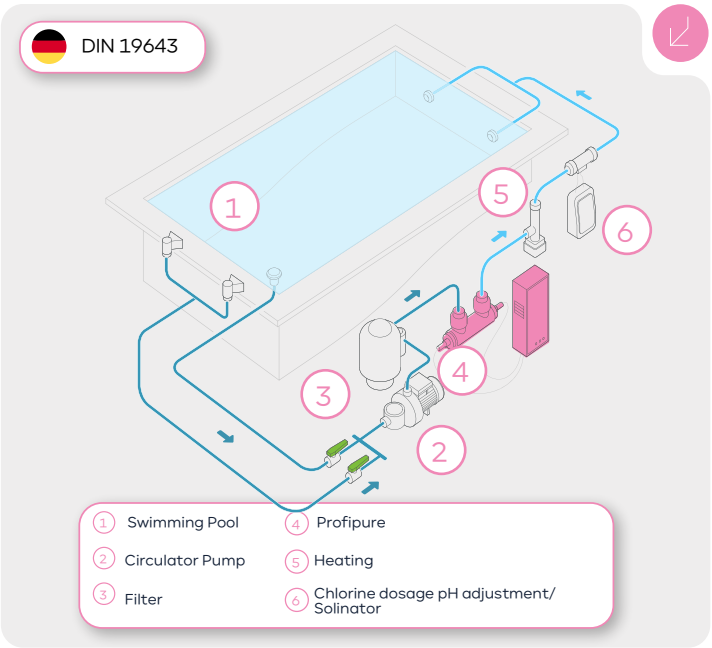
### Atecpool Profipure Medium Pressure UV

**Atecpool Profipure - Smallest medium Pressure UV you can get**
Permanent chlorine-free disinfection and elimination of unhealthy trichloramine in one compact system. Healthy pool technology. The first skincare UVM technology on the market, DIN 19643 which prevents aging of the skin. Stainless-steel reactor 316L (Salt water resistant). Public pools flow rates are at UV dose 60mJ/cm².

### The most compact design




### Installation: fresh water and salt water pools




### Model and Specifications: Pools up to 42m³/h

| Model | Connection | Max Flow Rate | | Total power input of UV lamps |
|---|---|---|---|---|
| | | m³/h (Public pools and whirlpools) | m³/h (Private pools and whirlpools) | kW/ phase |
| MINI 100 | 1 ½" | 4,7 | 12 | 0,25 / I |
| MINI 200 | 2" | 4,7 | 14 | 0,25 / I |
| MINI 18 | 2" | 9,0 | 14 | 0,25 / I |
| MINI 30 | 3" | 15 | 38 | 0,40 / I |
| MINI 49 | 3" | 30 | 42 | 0,80 / I |

# Atecpool UV System

## PROFITINY MEDIUM PRESSURE UV

POOLS UP TO **49m³/h**




### Atecpool Profitiny Medium Pressure UV

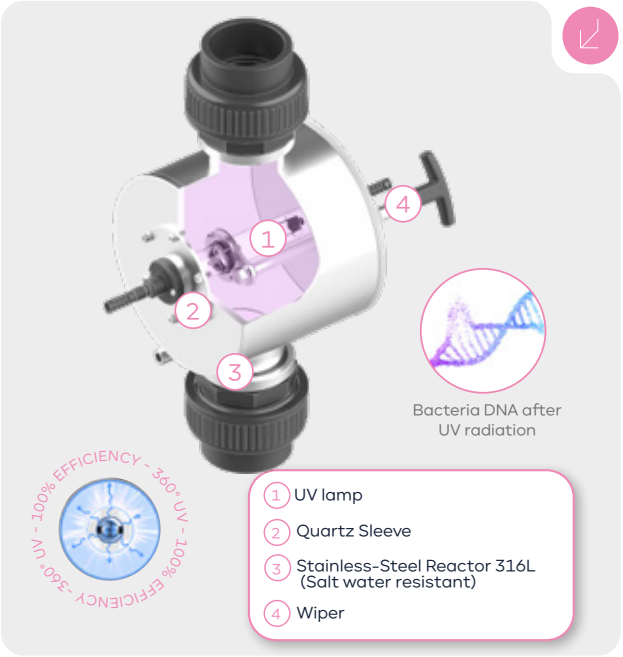
**Reliable medium-pressure UV for easy maintenance**

Permanent chlorine-free disinfection and elimination of unhealthy trichloramine in one compact system. Healthy pool technology. Minimizing the chemicals in the water plus reduction of monthly costs. Manual wiper is easy way to clean the surface of the quartz sleeves periodically to prevent energy losses and water treatment reduction. Public pools flow rates are at UV dose 60mJ/cm².

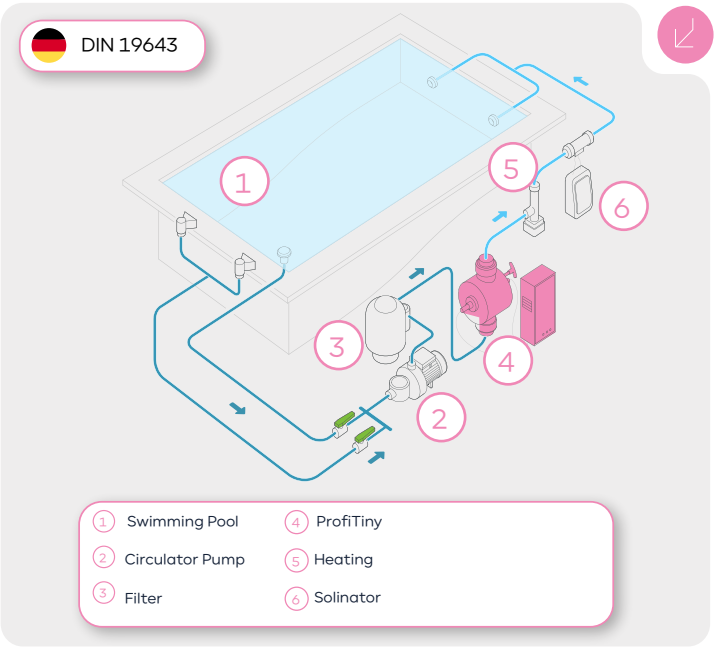
### Specifications

| Specs. | Type |
|---|---|
| Expected life of UV lamp | 5,000 hours |
| Salt water | Yes |
| Max flow rate | up to 49 m³/h |
| Power Supply | Magnetic power supply |
| Connection | 2"–3" |
| Total power input of UV lamps | 0,4 - 0,8 kW |
| Wiper | Without wiper, Manual wiper |
| Material | Stainless-steel reactor 316L (Salt water resistant) |
| Sensor | Temperature |
| Optional | UV sensor |

### The most compact design with a manual wiper




### Installation: fresh water and salt water pools




### Model and Specifications: Pools up to 49m³/h

| Model | | Connection | Max Flow Rate | | Total power input of UV lamps |
|---|---|---|---|---|---|
| Without wiper (NW) | Manual wiper (MW) | | m³/h (Public pools and whirlpools) | m³/h (Private pools and whirlpools) | kW/ phase |
| ATECUVM0104-13-NW | ATECUVM0104-13-MW | 2" | 9 | 18 | 0,4 / I |
| ATECUVM0104-25-NW | ATECUVM0104-25-MW | 3" | 27 | 38 | 0,4 / I |
| ATECUVM0204-25-NW | ATECUVM0204-25-MW | 3" | 44 | 49 | 0,8 / I |

# Atecpool UV System

## CLEAR MEDIUM PRESSURE UV

PUBLIC POOLS UP TO **616m³/h**




### Atecpool Clear Medium Pressure UV

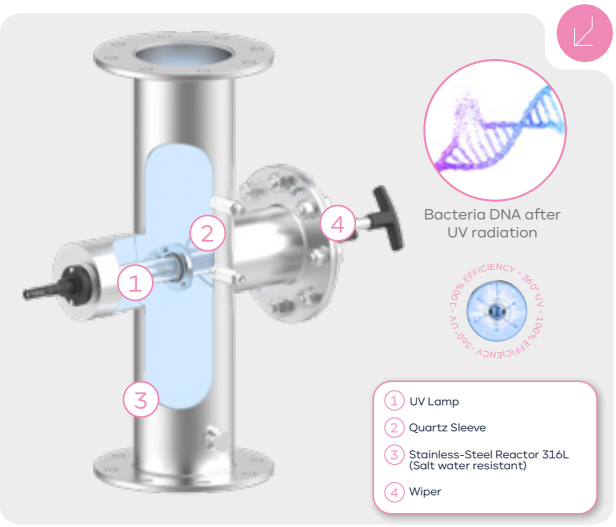
**Atecpool Clear - The best value-to-cost ratio for public swimming pools on the market**

Industrial-grade medium-pressure UV for permanent disinfection and destruction of unhealthy trichloramine in one compact system. Trichloramine causes: asthma, pool odor, red eyes, drying and burning of the skin, corrosion of materials. Reduction of chlorine dosage by up to 50%.

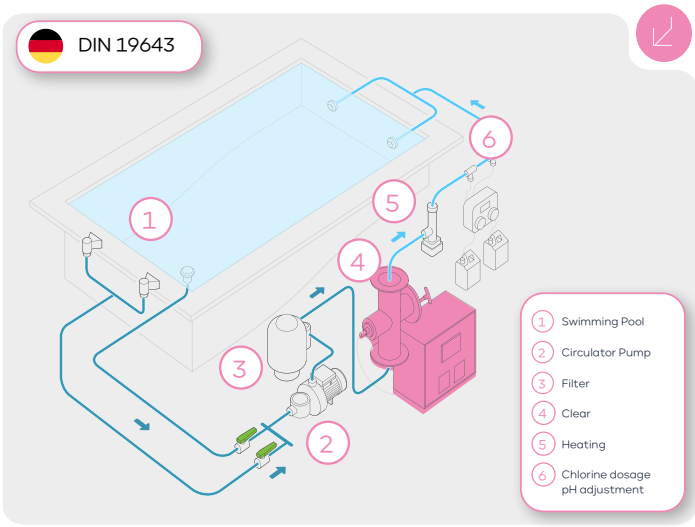
### Specifications

| Specs. | Type |
|---|---|
| **Expected life of UV lamp** | 10,000 hours |
| **Technology (Series)** | Medium-pressure UV systems (200–600 nm) |
| **Max flow rate (UV dose 60 mJ/cm²)** | up to 616 m³/h |
| **Wiper** | Manual wiper, Automatic wiper |
| **Power supply** | Magnetic power supply |
| **Connection DN** | DN 125 – DN 300 (flange) |
| **Sensor** | Temperature sensor<br>UV sensor<br>Modbus connection |
| **Total power input of UV lamps** | 1 - 12 kW |

### Industrial-grade and reliable design




### Installation: fresh water and salt water pools




### Model and Specifications

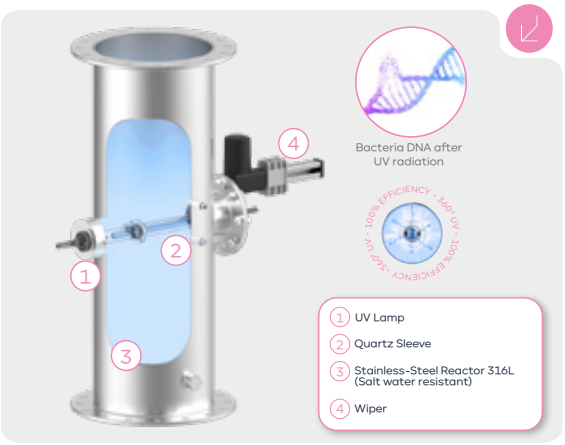
| Model | | Connection | Flow Rate (Public pools and whirlpools) | Total power input of UV lamps |
|---|---|---|---|---|
| Manual wiper (MW) | Automatic wiper (AW) | DN | m³/h (UV dose 60 mJ/cm²) | kW/ phase |
| **ATECUVM0110-13-MW-DN125** | **ATECUVM0110-13-AW-DN125** | 125 | 33 | 1/I |
| **ATECUVM0110-16-MW-DN150** | **ATECUVM0110-16-AW-DN150** | 150 | 46 | 1/I |
| **ATECUVM0120-16-MW-DN150** | **ATECUVM0120-16-AW-DN150** | 150 | 63 | 2/III |
| **ATECUVM0120-21-MW-DN200** | **ATECUVM0120-21-AW-DN200** | 200 | 88 | 2/III |
| **ATECUVM0220-27-MW-DN250** | **ATECUVM0220-27-AW-DN250** | 250 | 196 | 4/III |
| **ATECUVM0320-32-MW-DN300** | **ATECUVM0320-32-AW-DN300** | 300 | 315 | 6/III |
| **ATECUVM0420-32-MW-DN300** | **ATECUVM0420-32-AW-DN300** | 300 | 385 | 8/III |
| **ATECUVM0620-32-MW-DN300** | **ATECUVM0620-32-AW-DN300** | 300 | 616 | 12/III |

# Atecpool UV System

## TOP MEDIUM PRESSURE UV

PUBLIC POOLS UP TO **910m³/h**




## Atecpool Top Medium Pressure UV

Permanent disinfection and destruction of unhealthy trichloramine in one compact system with unique LifeAGE® technology. The unique LifeAGE® technology will reduce operating costs by up to 50% compared to standard UVM systems, extend the lifetime of UVM lamps by up to 100%, ensure automatic regulation of the UVM lamp radiation performance according to the current pool water pollution. Reduction of chlorine dosage by up to 50%.

- Max flow rate up to 910 m³/h (UV dose 60 mJ/cm²)
- Stainless-steel reactor 316L (Salt water resistant)
- Extensions - Temperature sensor, UV sensor, Modbus connection
- Custom flow rates available on request

## Specifications

| Specs. | Type |
|---|---|
| **Expected life of UV lamp** | 18,000 hours |
| **Technology (Series)** | Medium-pressure UV systems (200–600 nm) |
| **Power supply** | Advanced electronic power supply - LifeAGE |
| **Total power input of UV lamps** | 1 – 18 kW |
| **Wiper** | Manual/Automatic |

## Model and Specifications

| Model | | Connection | Flow Rate (Public pools and whirlpools) | Total power input of UV lamps |
|---|---|---|---|---|
| Manual wiper (MW) | Automatic wiper (AW) | DN | m³/h (UV dose 60 mJ/cm²) | kW/ phase |
| **ATECUVMT0110-13-MW-DN125** | **ATECUVMT0110-13-AW-DN125** | 125 | 33 | 1/I |
| **ATECUVMT0110-16-MW-DN150** | **ATECUVMT0110-16-AW-DN150** | 150 | 46 | 1/I |
| **ATECUVMT0120-16-MW-DN150** | **ATECUVMT0120-16-AW-DN150** | 150 | 63 | 2/I |
| **ATECUVMT0120-21-MW-DN200** | **ATECUVMT0120-21-AW-DN200** | 200 | 88 | 2/I |
| **ATECUVMT0130-27-MW-DN250** | **ATECUVMT0130-27-AW-DN250** | 250 | 147 | 3/I |
| **ATECUVMT0130-32-MW-DN300** | **ATECUVMT0130-32-AW-DN300** | 300 | 207 | 3/I |
| **ATECUVMT0230-27-MW-DN250** | **ATECUVMT0230-27-AW-DN250** | 250 | 252 | 6/III |
| **ATECUVMT0230-32-MW-DN300** | **ATECUVMT0230-32-AW-DN300** | 300 | 315 | 6/III |
| **ATECUVMT0330-32-MW-DN300** | **ATECUVMT0330-32-AW-DN300** | 300 | 462 | 9/III |
| **ATECUVMT0430-32-MW-DN300** | **ATECUVMT0430-32-AW-DN300** | 300 | 616 | 12/III |
| **ATECUVMT0430-37-MW-DN350** | **ATECUVMT0430-37-AW-DN350** | 350 | 630 | 12/III |
| **ATECUVMT0430-40-MW-DN400** | **ATECUVMT0430-40-AW-DN400** | 400 | 644 | 12/III |
| **ATECUVMT0530-40-MW-DN400** | **ATECUVMT0530-40-AW-DN400** | 400 | 770 | 15/III |
| **ATECUVMT0630-40-MW-DN400** | **ATECUVMT0630-40-AW-DN400** | 400 | 910 | 18/III |

# Atecpool UV System

## ECO MEDIUM PRESSURE UV

### Atecpool Eco Medium Pressure UV

Eco medium-pressure UV lamp systems are equipped with an automatic wiper mechanism and are designed for use in drinking water treatment, swimming pools, aquaculture, and wastewater applications. Medium-pressure UV lamps operate on the broad-spectrum radiation principle, spanning from 200 to 600 nm.



**UV Chamber**

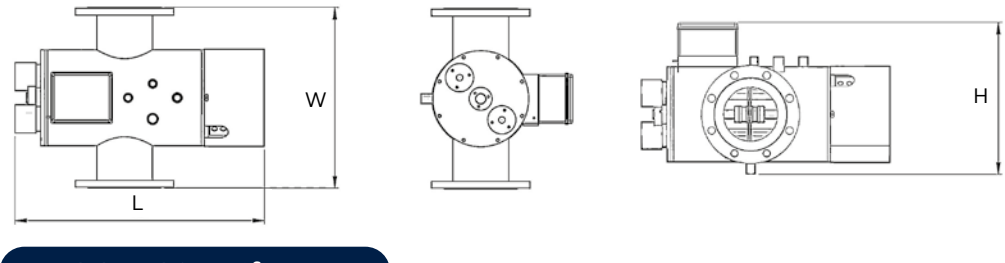


**Control Cabinet**

### Technical details

| | |
|---|---|
| **UV CHAMBER** | |
| **Material** | SS316L (Titanium available upon request) |
| **Quartz cleaning** | Automatic Wiper (electric driving) |
| **UV intensity sensor** | Yes |
| **Water temperature sensor** | Yes |
| **Rated lamp life** | 5000-7500 hours |
| **Chamber mounting** | Flow horizontal or vertical with lamps horizontal only |
| **Operation pressure** | 7 Bar Maximum(positive pressure only) |
| **CONTROL CABINET** | |
| **Standard function** | Fault alarm<br>Power switch<br>Equipped with PLC controller and touch screen display<br>Output of passive contact signal for equipment fault or in abnormal condition. |
| **Protection level** | IP54 |
| **Optional** | Communication: Modbus (RS485 or Ethernet)<br>OUTPUT: 4-20mA passive output of UV intensity (%)<br>INPUT: 4-20mA passive input for UV lamps' power<br>Cabinet made by SS304 or SS316 |
| **HMI DISPLAY** | |
| **Standard function** | Displays working status of each lamp<br>Displays operating parameters of each ballast<br>Displays UV intensity and water temperature<br>Displays the number of lamps' start-stop times, as well as the accumulated<br>Displays operation hours of UV lamps<br>Set the output of UV lamps<br>Switch Local/Remote Control (Lamp ON/OFF)<br>Set parameters of alarm |

### Dimensions




### Model and Specifications

| Model | Flow rate (m³/h) | | Voltage | Lamps power | Flange | Dimensions | |
|---|---|---|---|---|---|---|---|
| | at 40 mJ/cm² | at 60 mJ/cm² | V AC 50Hz | | | UV Chamber (L*W*H) | Control Cabinet (A*B*C) |
| **ATECUVM-05-1** | 22 | 17 | 220V | 0.5KW×1 | DN100 | 560×419×372 | 693×179×513 |
| **ATECUVM-10-1** | 48 | 36 | 220V | 1.0KW×1 | DN100 | 600×419×372 | 893×284.5×617 |
| **ATECUVM-20-1** | 115 | 80 | 380V | 2.0KW×1 | DN150 | 700×419×375 | 893×284.5×617 |
| **ATECUVM-30-1** | 200 | 145 | 380V | 3.0KW×1 | DN150 | 700×419×377 | 893×284.5×617 |
| **ATECUVM-20-2** | 275 | 200 | 380V | 2.0KW×2 | DN200 | 710×543×431.5 | 893×284.5×718 |
| **ATECUVM-30-2** | 420 | 300 | 380V | 3.0KW×2 | DN250 | 710×595×483 | 893×284.5×718 |
| **ATECUVM-30-3** | 660 | 475 | 380V | 3.0KW×3 | DN300 | 710×585×516 | 1200×320×851 |
| **ATECUVM-30-4** | 920 | 660 | 380V | 3.0KW×4 | DN350 | 780×585×571.5 | 1200×320×851 |
| **ATECUVM-30-5** | 1180 | 850 | 380V | 3.0KW×5 | DN350 | 780×585×571.5 | 1123×543×600 |
| **ATECUVM-30-6** | 1500 | 1050 | 380V | 3.0KW×6 | DN400 | 870×585×626 | 1123×543×600 |
| **ATECUVM-30-8** | 2000 | 1500 | 380V | 3.0KW×8 | DN400 | 915×1000×712.5 | 2620×600×1200 |

# Atecpool UV Disinfection

## LOW PRESSURE ULTRAVIOLET SOLUTIONS

Salt Water Resistant

### Atecpool Low Pressure UV

Low-pressure UV lamps operate on a single-wavelength radiation principle, typically around 254 nm. This specific wavelength is highly effective in inactivating micro-organisms by directly damaging their DNA. While the targeted wavelength ensures efficient pathogen control, it consumes less energy.




LifeOX®L200 LifeOX®L100

### Atecpool Low Pressure UV Specifications

- Lifespan lamp: 16,000 hours
- Recommended flow rates are at UV dose 60mJ/cm²
- Salt pool resistant salt concentration up to 5 kg/m³
- Connection size: 50/63mm
- Max. Pressure: 4 bar
- Construction: Stainless-steel internal reactor - 316L,
- Outer shell in S.S lined PVC

### Model and Specifications

| Model | Rec. flow rate | Max flow rate | Power | Max Pressure |
|---|---|---|---|---|
| | (m³/h) | (m³/h) | (W) | (bar) |
| **ATECOXL100** | 13 | 23 | 48 | 4 |
| **ATECOXL200** | 19 | 23 | 87 | 4 |

### Atecpool LifeUVC Multi-lamp UV System

Chlorine-free disinfection with a highly elective, compact UV-C system. Healthy pool technology that ensures safe and gentle water treatment. Advanced low-pressure UV technology minimizes chemical use and reducing monthly maintenance costs. The robust design allows for multiple lamp configurations, making it ideal for various pool sizes and conditions.




### Atecpool LifeUVC Specifications

- Lifespan lamp: 16,000 hours
- Salt pool resistant salt concentration up to 5 kg/m³
- Total power: 48-522W
- Max. pressure: 4 bar
- Power supply: Advanced Electronic Ballast, 100-240 V/50-60Hz
- Construction: Stainless-steel reactor - 316L

### Model and Specifications

| Model | Connection | Rec. Flow Rate | Max Flow Rate | Lamp Power |
|---|---|---|---|---|
| | | m³/h (UV dose 60mJ/cm²) | m³/h (UV dose 30mJ/cm²) | W |
| **ATECUVC0148-16-NW-G2** | 2" | 3 | 6 | 48 |
| **ATECUVC0187-16-NW-G3** | 3" | 6,5 | 13 | 87 |
| **ATECUVC0287-16-NW-G3** | 3" | 13 | 26 | 2x87 |
| **ATECUVC0387-16-NW-G3** | 3" | 20 | 40 | 3x87 |
| **ATECUVC0387-20-NW-DN100** | DN100 | 25 | 50 | 3X87 |
| **ATECUVC0487-20-NW-DN125** | DN125 | 34 | 68 | 4X87 |
| **ATECUVC0587-20-NW-DN125** | DN125 | 42 | 84 | 5X87 |
| **ATECUVC0687-20-NW-DN150** | DN150 | 50 | 100 | 6X87 |
| **ATECUVC0687-27-NW-DN150** | DN150 | 66 | 132 | 6X87 |

# UV Disinfection

## LOW PRESSURE ULTRAVIOLET SOLUTIONS



ATEC E-5

### Standard UV Disinfection - 316L Stainless Steel Housing

Atec E-Series UV System disinfection in a very compact design, with easily replaceable lamps that are with single base. Suitable for residential pools, fish ponds, residential drinking water treatment. The UV lamp provides a UV dose of 30 mJ/cm², which is sufficient disinfection and protection against 99.9% chlorine resistant micro-organisms.

### ATEC E-Series UV Sterilizers Specifications

- Reduces the chlorine consumption up to 50%.
- 316L Stainless Steel housing with mirror polished interior that increases the
- UV-C radiation reflection, thereby increasing the efficiency by up to 35%.
- Optional timer to control the running operation hours.
- Single-base lamps and patented sealing system for an easy maintenance.
- Inlet / outlet connections using unions supplied.
- Lamp service life (up to 9.000 hr)
- Power supply: 120 / 240V / 50 - 60Hz

| Code | Max flow rate | Rec, flow rate | Pressure | UV Lamp | Max Current | Inlet/Outlet diameter PVC Union |
|---|---|---|---|---|---|---|
| | m³/h (UV dose 30mJ/cm²) | m³/h (UV dose 60mJ/cm²) | Bar | W | A | inch |
| **ATEC E-5** | 7 | 3,5 | 3 | 16W | 0,29 | 1,5" |
| **ATEC E-15** | 20 | 10 | 3 | 40W | 0,29 | 2" |
| **ATEC E-20** | 25 | 12,5 | 3 | 75W | 0,29 | 2" |



ATEC E-40

### Standard UV Disinfection - 316L Stainless Steel Housing With Flow Switch

Atec E-Series UV System disinfection in a very compact design, with easily replaceable lamps that are with single base. The amalgam version includes a flow switch that cuts-off the lamp power to protect the system from over heating when the water flow is lower than required.

### ATEC E-Series UV Sterilizers Specifications

- Equipped with flow switch
- Inlet / outlet connections using unions supplied
- Lamp service life (up to 9.000 hr)
- Power supply: 120 / 240V / 50 - 60Hz

| Code | Max flow rate | Rec, flow rate | Pressure | UV Lamp | Max Current | Inlet/Outlet diameter PVC Union |
|---|---|---|---|---|---|---|
| | m³/h (UV dose 30mJ/cm²) | m³/h (UV dose 60mJ/cm²) | Bar | W | A | inch |
| **ATEC E-40** | 30 | 15 | 3 | 130W | 1,1 | 2" |



ATEC UV - C Ozone

### UV - C Ozone Disinfection - 316L Stainless Steel Housing

Atec UV-C Ozone uses a combination of ozone and UV-C technology for advanced water disinfection. Water is pumped into the unit through the reactor, while air is drawn in through a venturi system via an air injector, passing through quartz glass and the UV-C ozone lamp. The air enters the lamp chamber, becomes enriched with ozone particles, then passes through a ball valve and mixes with the water inside the reactor. This process provides effective UV-C ozone disinfection for water bodies.

| Code | Max flow rate | UV dose at actual flow rates | Pressure | UV Lamp | Max Current | Inlet/Outlet diameter PVC Union |
|---|---|---|---|---|---|---|
| | m³/h | mJ/cm² | Bar | W | A | inch |
| **ATEC UV - C Ozone** | 25 | 60-100 | 3 | 87W | 1,1 | 2" |

# Atecpool UV System

## LOW PRESSURE ULTRAVIOLET SOLUTIONS

### Stainless Steel UV - Low Pressure Reactors

Delivering most of the UV output in the germicidal absorbance curve peak, low pressure lamps operate at a lower temperature than medium pressure lamps. Low-pressure UV lamps operate on a single-wavelength radiation principle, typically around 254 nm.



**UV Chamber**

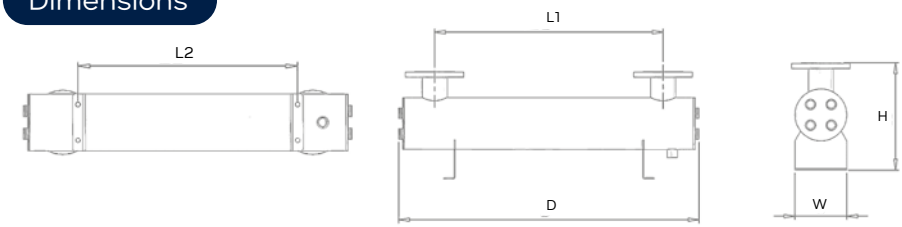


**Control Cabinet**

### Technical details

| UV CHAMBER | |
|---|---|
| **Material** | SS316L |
| **Ballasts** | Electronic ballast |
| **Wiper** | Standard supply: No wiper<br>Optional: Automatic wiper driven by compressed air / Manual wiper |
| **Rated lamp life** | 9000-12000 hours |
| **Operation pressure** | 7 Bar Maximum (positive pressure only) |
| **CONTROL CABINET** | |
| **Standard function** | Accumulated operation hours.<br>Flashing buzzer of lamp fault.<br>Lamp status indicator |

### Dimensions




### Model and Specifications

| Model | Flow rate | Voltage | Lamps power | Flange | Dimensions of Chamber(mm) | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | at 40 mJ/cm² | V AC 50Hz | | | L1 | L2 | D | W | H |
| **ATECUVL-40-2** | 8 | 220V | 40W×2 | DN40 | 740 | 615 | 960 | 145 | 242 |
| **ATECUVL-40-3** | 14 | 220V | 40W×3 | DN50 | 720 | 615 | 960 | 159 | 319 |
| **ATECUVL-40-4** | 18 | 220V | 40W×4 | DN65 | 720 | 615 | 960 | 159 | 319 |
| **ATECUVL-80-2** | 15 | 220V | 80W×2 | DN50 | 700 | 615 | 960 | 180 | 242 |
| **ATECUVL-80-3** | 22 | 220V | 80W×3 | DN65 | 690 | 615 | 960 | 195 | 329 |
| **ATECUVL-80-4** | 30 | 220V | 80W×4 | DN80 | 690 | 615 | 960 | 195 | 329 |
| **ATECUVL-80-5** | 40 | 220V | 80W×5 | DN80 | 690 | 615 | 960 | 195 | 329 |
| **ATECUVL-80-6** | 45 | 220V | 80W×6 | DN80 | 690 | 615 | 960 | 219 | 399 |
| **ATECUVL-120-4** | 45 | 220V | 120W×4 | DN80 | 950 | 615 | 1240 | 195 | 329 |
| **ATECUVL-120-5** | 53 | 220V | 120W×5 | DN100 | 930 | 615 | 1240 | 219 | 419 |
| **ATECUVL-120-6** | 70 | 220V | 120W×6 | DN100 | 930 | 615 | 1240 | 219 | 419 |
| **ATECUVL-120-7** | 82 | 220V | 120W×7 | DN100 | 930 | 615 | 1240 | 219 | 419 |
| **ATECUVL-120-8** | 100 | 220V | 120W×8 | DN150 | 860 | 615 | 1240 | 280 | 419 |
| **ATECUVL-120-9** | 116 | 220V | 120W×9 | DN150 | 860 | 615 | 1240 | 280 | 473 |
| **ATECUVL-320-4** | 140 | 220V | 320W×4 | DN150 | 1300 | 900 | 1660 | 280 | 419 |
| **ATECUVL-320-5** | 180 | 220V | 320W×5 | DN150 | 1300 | 900 | 1660 | 280 | 419 |
| **ATECUVL-320-6** | 260 | 220V | 320W×6 | DN150 | 1300 | 900 | 1660 | 280 | 473 |
| **ATECUVL-320-7** | 310 | 220V | 320W×7 | DN200 | 1240 | 900 | 1660 | 340 | 493 |
| **ATECUVL-320-8** | 360 | 220V | 320W×8 | DN200 | 1240 | 900 | 1660 | 340 | 493 |
| **ATECUVL-320-9** | 435 | 220V | 320W×9 | DN200 | 1240 | 900 | 1660 | 340 | 565 |
| **ATECUVL-320-10** | 480 | 220V | 320W×10 | DN200 | 1240 | 900 | 1660 | 340 | 565 |
| **ATECUVL-320-11** | 530 | 220V | 320W×11 | DN250 | 1200 | 900 | 1660 | 390 | 580 |
| **ATECUVL-320-12** | 580 | 380V | 320W×12 | DN250 | 1200 | 900 | 1660 | 390 | 580 |
| **ATECUVL-320-15** | 720 | 380V | 320W×15 | DN250 | 1200 | 900 | 1660 | 406 | 691 |
| **ATECUVL-320-18** | 900 | 380V | 320W×18 | DN300 | 1160 | 900 | 1660 | 440 | 691 |
| **ATECUVL-320-21** | 1160 | 380V | 320W×21 | DN300 | 1160 | 900 | 1660 | 500 | 661 |

Standard supply without wiper

# UV Disinfection

## LOW PRESSURE ULTRAVIOLET SOLUTIONS


















### HDPE UV - Low Pressure Reactors

The high quality HDPE reactors of HDPE series have been designed to treat highly corrosive water. Besides that, HDPE is resistant to aggressive UV radiation. They are suited for all kinds of disinfection and UV-C treatment applications for swimming pools and can even be used for the production of ultrapure water, semiconductor, pharmaceutical and cosmetic industries.

### Aquaculture - Protection Against Fish Diseases

Pathogens are the scourge of fish farmers and are often controlled with antibiotics. This has a negative impact on the water quality and thus also on the quality of the fish. UV-C radiation is safe and protects against fish diseases. Atecpool UV-C systems are therefore very cost-effective for the inactivation of many types of bacteria, viruses and parasite and provide healthy, clear and safe water that protects against infectious fish diseases. This results in a pure, untainted product: better and healthier fish, without residual medications.
In addition, Atecpool UV-C systems are suited to combat bacteriological and microbiological hazards and bring water to the quality level the sector is required to meet.

### Specifications

- UV radiation resistant
- Suitable for corrosive water
- Fish hatcheries
- Intake/discharge water
- Aquarium
- Processing plants
- Inlet/outlet connection as per selection of UV dose

| Code | Max. flow rate | Rec. flow rate | Lamp Power | Max Pressure | Input power |
|---|---|---|---|---|---|
| | m³/h (UV dose 30mJ/cm²) | m³/h (UV dose 60mJ/cm²) | w | bar | kW |
| **75-110** | 10 | 5 | 1x75 | 6 | 0,08 |
| **140-110** | 17 | 8,5 | 1x140 | 6 | 0,16 |
| **200-110** | 23 | 11,5 | 1x200 | 6 | 0,23 |
| **200-160** | 35 | 17,5 | 1x200 | 6 | 0,23 |
| **400-200** | 83 | 41,5 | 2x200 | 6 | 0,45 |
| **600-225** | 124 | 62 | 3x200 | 6 | 0,68 |
| **975-315** | 278 | 139 | 3x325 | 4 | 1,11 |
| **1950-315** | 544 | 272 | 6x325 | 4 | 2,21 |

UV irradiation can destroy residual ozone in the water instantly, by breaking one of the oxygen bonds in the ozone molecule. A final method for using UV is with Advanced Oxidation Process (AOP); using AOP in aquaculture reduces micropollutants like geosmin and MIB which cause unpleasant flavour in the fat tissue of the fish. Through the combination with an oxidant such as hydrogen peroxide or ozone, hydroxyl radicals are formed. Hydroxyl radicals are the strongest oxidant that can be applied in water environments.

### HDPE Control Units

#### Control Monitor Plus

The Control Monitor Plus is a complete, multilingual controller. A UV sensor, temperature sensor and a flowswitch can be connected. The control unit has alarm and warning functions built-in.

#### Control Monitor

The Control Monitor has a colour display and an optional UV sensor can be connected for monitoring the treatment process.

#### Control Timer

The Control Timer has a LED display for showing the operational lamp hours. The maximum number of burning hours are displayed when the system is started. After this the display counts down to 0, at which time the lamp must be replaced.

Salt Water Electrolysis

Healthier Water

# Atecpool ChlorSys On-Site Chlorine Generators

## Hypochlorite Generator Units




INSPIRED By Water

ATECPOOL
BWT GROUP

# Atecpool ChlorSys BSE Series

## ON-SITE CHLORINE GENERATOR

### Atecpool ChlorSys BSE Series

The ChlorSys BSE Series is a range of electrochlorination system that generates 0.8% sodium hypochlorite using salt, water, and electricity capacities range from 50 g/hr to upwards of 1000 g/hr. These systems are modular, allowing for significant customization. On demand sodium hypochlorite production eliminates storage and transportation hassles of chemicals. Low disinfection process minimizes all sorts of corrosion involved.



ChlorSys BSE-50

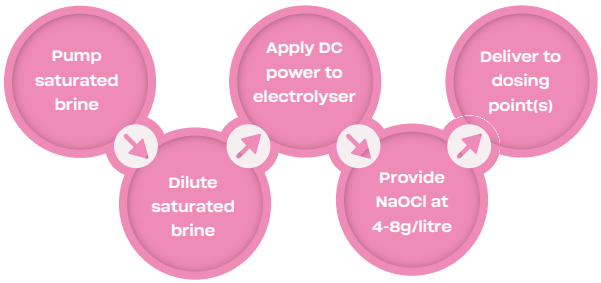


ChlorSys BSE-500

### Advantages of the ChlorSys BSE Series

- **Patented electrodes**
  DSA coated, bipolar electrodes with a service life of 5+ years.
- **Low disinfection by-products (DBPS)**
  Chlorate levels in hypochlorite produced by the BSE-Series are very low and have been proven via laboratory studies.
- **Transparent electrolyzing tube**
  Each electrode can be observed through a transparent cell allowing for ease of view during acid cleaning
- **Modular design**
  The system's modular design allows for customizable capacity requirements
- **Plug and play**
  Pre-assembled hypochlorite generators provides the convenience of easy installation with brine solution and water connection to be connected to the skid.

### On-site chlorine generation process

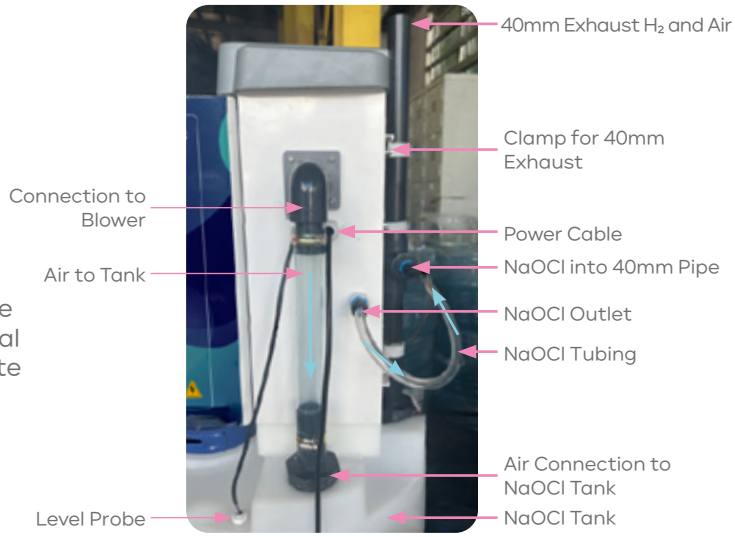



In the electrolyzer, an electric current is applied to brine (a sodium chloride solution), causing an electrochemical reaction that converts the salt into sodium hypochlorite (NaOCl) and releases hydrogen gas.

The reaction can be simplified as follows below:




### Components of ChlorSys BSE-50




### Specifications BSE Series

| ChlorSys Model No. | BSE-50 | BSE-100 | BSE-200 | BSE-300 | BSE-400 | BSE-500 | BSE-800 | BSE-1000 |
|---|---|---|---|---|---|---|---|---|
| Available Chlorine (gm/hr) | 50 | 100 | 200 | 300 | 400 | 500 | 800 | 1000 |
| Available Chlorine (kg/day) | 1,4 | 2,4 | 4,8 | 7,8 | 9,6 | 12 | 19,2 | 24 |
| Water Consumption (m³/day) | 0,28 | 0,3 | 0,6 | 0,9 | 1,2 | 1,5 | 2,4 | 3,0 |
| Salt Consumption (kg/day) | 6 | 8,4 | 16,8 | 25,2 | 33,6 | 42 | 67,2 | 84 |
| Rated Power (kW) | 0,3 | 0,6 | 1,2 | 1,8 | 2,4 | 3,0 | 4,8 | 6,0 |
| Weight (kg) | 20 | 260 | 280 | 310 | 330 | 350 | 660 | 700 |

# Atecpool ChlorSys B Series

## ON-SITE CHLORINE GENERATOR

### Atecpool ChlorSys - B Series

ChlorSys B Series is an electrochlorination system that generates 0.8% sodium hypochlorite using salt, water, and electricity. Applications include large water bodies and lagoons disinfection, wastewater disinfection, food processing, oilfield water sterilization, cooling water treatment in power plants, hospitals, and more. Capacities range from 1.5 kg/hr to upwards of 50 kg/hr. These systems are modular, allowing for significant customization.



### Advantages of the ChlorSys - B Series

- ChlorSys B Series systems produce NaOCl from saturated brine at a concentration of 0.8% (8 g/L).
- Electrolyser output capacities range from 1.5 kg/h to 50kg/h.
- Operating inputs are salt, water and electricity.
- Safety of operators is a top priority; system poses no risk of chlorine leakage or reactor explosions.
- Transparent electrolyser tube allows easy observation of electrodes and facilitates timely maintenance.
- PLC based control system provides fully automatic, reliable and safe operation.
- Safe system designs like continuous flow monitoring, active hydrogen ventilation, tank over fill protection and elimination of contacts with chemicals are key features of ChlorSys B Series.

### Why switch to On-site Generator ?

- **Safety**
  - Eliminate stored chlorine.
  - Growing restrictions on chlorine transportation,
  - Recognized as an "Inherently Safe Technology" (IST).
- **Community relations**
  - No off-site consequences
  - No worst-case emergency planning
  - Reduced threat from accidents.
- **Cost effective**
  - Stable cost of operation
  - Salt, water and power
- **Solution Flexibility**
  - Flexible production; generate only what you need
  - Eliminates dependance on third party vendors
  - Modular design facilitates future expansion

### Atecpool Chlorsys - B Series System


Lagoons and large water bodies


Wastewater Disinfection


Food Processing


Oil Field Water Sterilization


Cooling Tower Water


Hospital Surface Disinfection

### Specifications B Series

| Chlorsys Model No, | B-1,5 | B-2 | B-3 | B-6 | B-10 | B-15 | B-20 | B-25 | B-30 | B-40 | B-50 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Rated $Cl_2$ Output (kg/hr) | 1,5 | 2 | 3 | 6 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |
| Rated $Cl_2$ Output (kg/day) | 36 | 48 | 72 | 144 | 240 | 360 | 480 | 600 | 720 | 960 | 1200 |
| Electrolyser Anodes | Titanium Coated with Ti+Pt+Ir Mixed Metal Oxide (DSA) | | | | | | | | | | |
| Electrolyser Cathodes | Titanium | | | | | | | | | | |
| Expected Electrode Life | 5 - 8 Years | | | | | | | | | | |
| DC Power Consumption (kWh/kg $Cl_2$) | 3,4 - 4,2 | | | | | | | | | | |
| Sodium Hypochlorite Strength (g/l) | 8 | | | | | | | | | | |
| Sodium Hypochlorite Strength (%) | 0,8 | | | | | | | | | | |
| Sodium Hypochlorite Flow (l/hr) | 188 | 313 | 375 | 750 | 1250 | 1875 | 2500 | 3125 | 3750 | 5000 | 6250 |
| Saturated Brine Flow (l/hr) | 19 | 31 | 38 | 75 | 125 | 188 | 250 | 313 | 375 | 500 | 625 |
| Softened Water Flow (l/hr) | 169 | 281 | 338 | 1125 | 1125 | 1688 | 2250 | 2813 | 3375 | 4500 | 5625 |
| Dilute Brine Salinity (g/l) | 28 | | | | | | | | | | |
| Salt Consumption/kg Chlorine (kg) | 3,50 | | | | | | | | | | |

Salt Water Electrolysis

Healthier Water

# Atecpool Invertek Salt Chlorinator

## Inverter Salt Chlorinator




Saves Money

Certified Technology

INSPIRED By Water

ATECPOOL
BWT GROUP

# Atecpool Invertek

## SALT CHLORINATOR

### Atecpool Invertek Salt Chlorinator

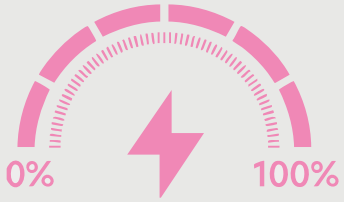
Invertek technology adopts an advanced PID algorithm for accurate control of chlorine production and pH regulation. With self-adaptation to different operating conditions and 100% powerful inverter, Invertek saves more time whether during initial disinfection or after heavy bather loads. It can also operate at a low salt level of 3g/L and keep crystal clear water without worries about frequent salt maintenance.




### Atecpool Invertek Specifications

- It has a 100% powerful inverter for fast disinfection in 24 hours.
- Good performance even low to 3g/L salt level.

**0% - 100% Inverter operation**




## Dynamic control

Embedded with dynamic inverter control, InverClear is intended to offer triple benefits beyond expectations. Running adaptively from 0% -100%, the new type features more durable cell life, absolute energy-saving operation, and lasting water quality.

## Slimmest pad design

Inheriting the slimmest design, Atecpool delights you with space-saving installation and clear data reading about water quality and running capacity on its pad screen. The unique design of responsive indicator lights also helps you master the water state easily by colors.

- Salinity Detection
- Replaceable Electrode
- Self Cleaning Cell
- Embedded PH Adjuster




## One-click APP control

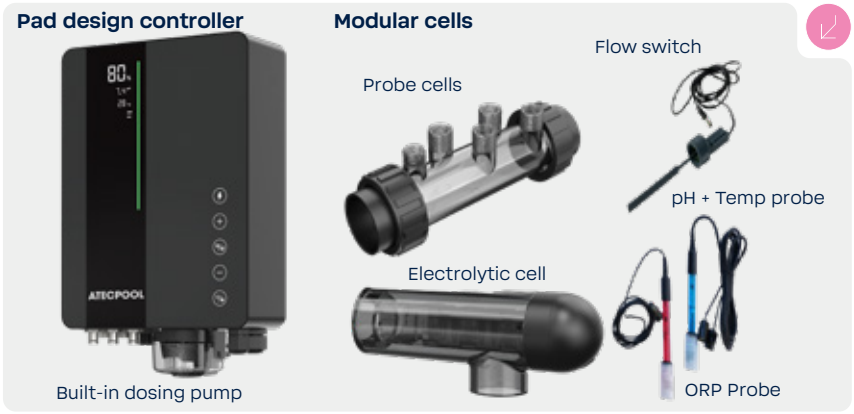
One more pad screen to keep you well informed of the real-time water reports

- Available at Playstore and Appstore
- ORP/pH/Temp. Reading
- Salinity Detection
- Logs Review

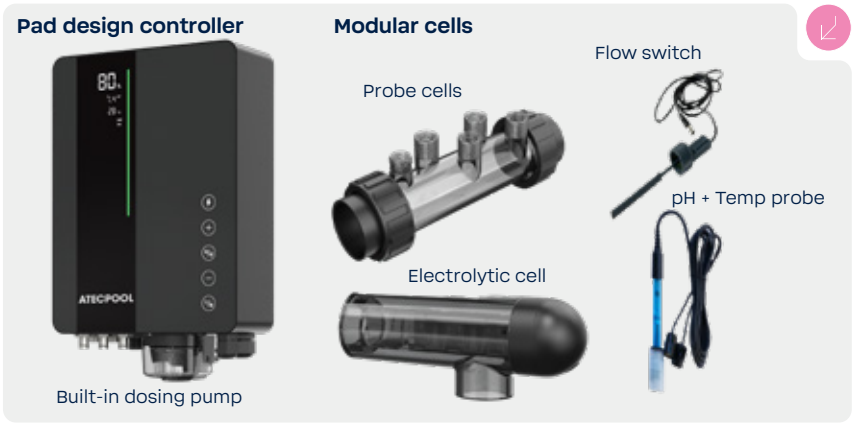
# Atecpool Invertek

## SALT CHLORINATOR

### Invertek Premium - Components




### Invertek Standard - Components






## Clear water quality

Intuitive indicator for pool status
Color display
Green: good water quality
Red: wait for disinfection



## Modular cell

Invertek's modular cell, with an electrode, acid injector, sensor holder and flow switch, is easy to install.

### Atecpool Invertek Specifications

| Description | Specifications | | | |
|---|---|---|---|---|
| Model (Invertek Premium) | IKS10 | IKS16 | IKS22 | IKS28 |
| Model (Invertek Standard) | IKM10 | IKM16 | IKM22 | IKM28 |
| Production (g/h, 3000PPM) | 10,0 | 16,0 | 22,0 | 28,0 |
| Salt Level (g/L) | Titanium | | | |
| **Technical specifications** | | | | |
| Advised pool volume* (m³) | 15-45 | 25-65 | 35-75 | 45-100 |
| Advised water flow (m³/h) | 5~18 | | | |
| Power Supply | 100-240V 50/60Hz | | | |
| Power Consumption (W) | 60 | 85 | 110 | 130 |
| Operating Temperature (°C) | -5 ~ 42 | | | |
| Salinity Test | Salt Level Detection (accuracy ±500PPM) | | | |
| Self-cleaning | Default 4h, 3 options in total (2/4/6h) | | | |
| pH Dosing Pump | Integrated | | | |
| Communications | MODBUS RS485 / Wi-Fi / Dry Contact | | | |
| Control Unit Dimension LxWxH (mm) | 270 x 205 x 75 | | | |
| **Electrolysis cell** | | | | |
| Water connection (mm) | 63 | | | |
| Electrodes | Titanium plates | | | |
| Water Temperature (°C) | 10 ~ 40 | | | |
| Maximum Pressure | 3,0 Bar for Probe Cell, 4,5 Bar for Electrolysis Cell | | | |
| Cell Life (h) | 10000 | | | |

*Water temperature no more than 28°C; At higher temperatures, reduce the voiume by 25-40%

# Atecpool Salt Water Electrolysis

## AT-SERIES SALT CHLORINATOR

Support pools of volume **50-350m³**

### Atecpool AT-Series Salt Chlorinator

Atecpool domestic salt chlorinators are the best disinfection solution for small, medium and large pools or spas. These saline chlorinators ensure total water disinfection and an optimal chlorine supply for each installation. Choose the model of domestic saline chlorinator that best suits the characteristics of your pool.

All our household salt chlorinators have been designed with high quality materials. They have the latest technology, such as a self-cleaning cell and programmable configuration, to reduce its maintenance and increase its efficiency

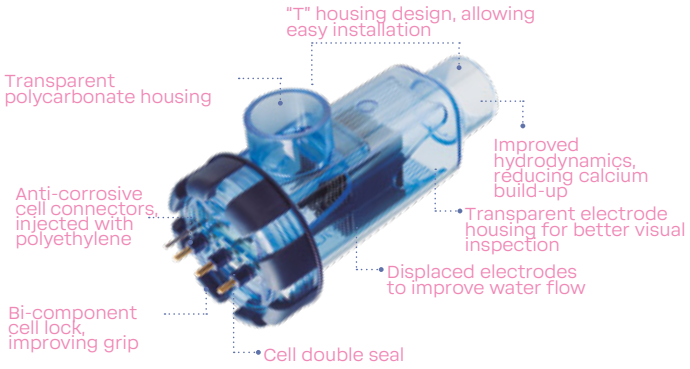
ecofriendly



ATEC 30/40 ATEC 50

### AT-Series Specifications

- New sealed power supply of high performance
- Elimination of forced air ventilation: high resistance to corrosive atmospheres, notable decreases faults. IP65 rate
- New easy user interface with Backlit LCD display
- New wall mounting with independent stainless steel bracket
- Detachable lead plug that allows faster and easier technical service installation
- Self-cleaning cell
- Cell connection without nuts, using thermo rubber waterproof connector




### AT-Series Technical Data

| Model | ATEC30 | ATEC40 | ATEC50 | ATEC100 Twinbox |
|---|---|---|---|---|
| **$Cl_2$ production (g/h)** | 30 | 40 | 50 | 100 |
| **Max.pool m³ T < 25°C** | 140 | 180 | 200 | 350 |
| **Max.pool m³ T > 25°C** | 90 | 150 | 160 | 250 |
| **Max. output voltage (VDC)** | 24 | 24 | 24 | 24x2 |
| **Max. output current (A)** | 5,0 | 6,0 | 7,5 | 9x2 |
| **Power supply (V AC)** | 230 | 230 | 230 | 230 |
| **Max. input power (W)** | 130 | 170 | 190 | 185x2 |
| **Cell reversal polarity** | Programmable | | | |
| **Salt concentration (g/l)** | 4 - Sea water | | | |
| **Electrode quality** | 10K Premium Grade | | | |
| **Minimum flow (m³/hour)** | 6 | 6 | 10 | 10 |
| **Maximum pressure (bar)** | 1,5 | 1,5 | 1,5 | 1,5 |
| **Cell tube (mm)** | 50 | 50 | 63 | 63 |
| **Weight (kg)** | 5 | 5 | 10 | 13 |
| **Control board dimensions (cm)** | 27x22x8,6 | | | |
| **Cell dimensions (cm)** | 24x10,4 | 24x10,4 | 43,8x14 | 2x (43,8x14) |

# Atecpool Salt Water Electrolysis

## pH CONTROL AND DOSING

### Atecpool pH Basic

Atecpool pH Basic system allows you to measure the pH of the pool and correct it by injecting acid using a metering pump. It is composed of a control unit that measures ph and contains the control software and an integrated acid metering pump. To account for measurement delays and avoid excessive dosing, the pump operates in alternating cycles of pause and run of 100 seconds when you have to inject acid. All control and measurement functions are performed on the controller and are configured using an LCD screen, a 4-key keyboard and a simple menu system.



ATEC-PH001

#### Specifications

- Peristaltic pump head easy to disassemble and replace
- Stand by: alarm display due to no flow in probe-holder
- Included: Dosing Pump 1,5l/h @ 1.5 Bar w/ pH electrode, probe holder, calibration Solution for pH and Fixing Brackets
- Connection and installation kit
- Dimensions: 218 x 125 x 95 mm
- Input: 100-220 V AC +10%
- Power 5 W

| Code | Description |
|---|---|
| **ATEC-PH001** | Ph Basic Dosing Pump 1,5l/h @ 1.5 Bar |

### Sacrificial Anode - Protective barrier against electrolytic corrosion

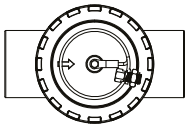
Recommended to be used with salt chlorinators, this zinc sacrificial anode protects pool equipment from electrolytic corrosion. It acts as a protective barrier for metal components such as stainless steel ladders, heat pumps and exchangers, UV-C stainless steel casings, lighting niches and face rings, aluminum pump motor housings and titanium cell plates in salt chlorinators. For optimal performance, the anode should be replaced once approximately 50% of the material has eroded, typically after around three years of use.

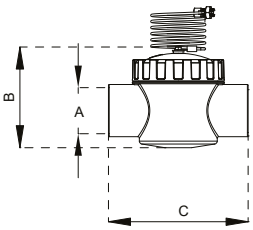


#### Specifications

- Easy installation design by adding inline to existing 63mm / 2" piping system
- Excellent electric shock prevention in fiberglass pools
- 4 Bar working pressure
- Long life pure zinc alloy anode
- 1m 8 AWG solid copper wire and transparent lid for inspection

| Code | Housing Material | Connection | Dimensions (mm) | | |
|---|---|---|---|---|---|
| | | | A | B | C |
| **ATSA-6001** | ABS | 63mm | Ø63 | 129 | 190 |
| **ATSA-6023** | ABS | 2" | Ø60 | 129 | 190 |





# Atecpool Commercial Salt Chlorinator
## SELECTION GUIDE

### Commercial Pool Salt Chlorinator Selection Guide

Follow the below table to ensure a proper performance of commercial Salt Chlorinators in public swimming pools.








| Water Volume > | 100m³ | 200m³ | 400m³ | 500m³ | 750m³ | 1000m³ | 1500m³ |
|---|---|---|---|---|---|---|---|
| | | | Bathers per day | | | | |
| 50 | ATEC75PR<br>ATEC50PR | ATEC100PR<br>ATEC75PR | ATEC150PR<br>ATEC150PR | ATEC150PR<br>ATEC150PR | ATEC250CM<br>ATEC250CM | ATEC300CM<br>ATEC300CM | ATEC500CM<br>ATEC500CM |
| 100 | ATEC100PR<br>ATEC75PR | ATEC150PR<br>ATEC100PR | ATEC150PR<br>ATEC100PR | ATEC250CM<br>ATEC180PR | ATEC300CM<br>ATEC250CM | | |
| 200 | ATEC150PR<br>ATEC100PR | ATEC250CM<br>ATEC180PR | ATEC250CM<br>ATEC180PR | ATEC300CM<br>ATEC250CM | ATEC500CM<br>ATEC300CM | ATEC500CM<br>ATEC500CM | ATEC750CM<br>ATEC500CM |
| 300 | | | ATEC300CM<br>ATEC180PR | | ATEC500CM<br>ATEC300CM | | |
| 400 | | | | ATEC500CM<br>ATEC250CM | | | |
| 500 | | | | | | ATEC750CM<br>ATEC500CM | ATEC1000CM<br>ATEC500CM |

**Note:**

*** Recommended model for 12h filtration**

*** Recommended model for 24h filtration**

### Calculation parameters

For a more accurate and tailored selection of salt chlorinators, please consider additional parameters beyond the standard selection guide. These include factors such as added features, pool location (e.g., seaside, indoor, heated, or outdoor), and water type (e.g., seawater or well water). Providing this information will assist our sales support team in recommending the most suitable unit for your specific application.

# Salt Water Electrolysis

## ATECPOOL PREMIUM SALT CHLORINATOR

Premium Salt Water Chlorinator




ecofriendly

### Specifications

- High performance electrochlorinators for intensive commercial application(residential and hotel pools)
- Waterproof high power performance switch modes, without forced ventilation.
- Electronics inside 316 stainless steel insulated cabinet, without air external ventilation, highly resistant to corrosive atmospheres. IP-65.
- Electronic current control.
- Fully programmable electronics with an accessible operation registry.
- Low maintenance self-cleaning cell easily accessible.
- New easy user interface with backlit LCD display.
- Extended salinity range: 500 - 35.000 ppm (sea water).
- Methacrylate electrodes cassette to ease inspection.
- Self cleaning cell easily accessible and of a low maintenance.
- Expected electrode life: 14.000 hours.
- Flow switch.

| Model | ATEC75PR | ATEC100PR | ATEC150PR | ATEC180PR |
|---|---|---|---|---|
| Power requirements / Watts | 220~240 V AC / 400 Watts | 220~240 V AC / 500 Watts | 220~240 V AC / 725 Watts | 220~240 V AC / 750 Watts |
| Voltage output | 24 VDC | 24 VDC | 24 VDC | 24 VDC |
| Chlorine production per hour (5g/l salt) | 75 gr/h | 100 gr/h | 150gr/h | 180gr/h |
| Cell expected life span | 14.000 h | | | |
| Minimum flow | 10 m³/h | 10 m³/h | 10 m³/h | 10 m³/h |
| Connections | 63 mm | 63 mm | 63 mm | 63 mm |
| Weight | 15 kg | 20 kg | 25 kg | 28,5 kg |
| Pallet Packaging dimensions | 790 x 650 x 410 mm | | | |

100 m³ ↔ 500 m³

14.000 hr

- **High performance**
- **Easy installation**
- **Easy to use**

WATER TREATMENT

# Salt Water Electrolysis

## ATECPOOL COMMERCIAL SALT CHLORINATOR

Commercial Salt Water Chlorinator









### Specifications

- High performance electrochlorinators for intensive commercial application and high capacity (public installations)
- Waterproof high power performance switch modes, without forced ventilation
- Electronics in 316 stainless steel insulated cabinet without air external ventilation, highly resistant to corrosive atmospheres. IP-65
- Electronic current control
- Temperature and waterflow control
- Prepared for industrial control by CAN or Profibus
- Extended salinity range: 500 - 35.000 ppm (seawater)
- Compact mounting design with integrated cell and housing
- Methacrylate electrodes cassette to ease inspection
- Low maintenance reverse polarity cell is easily accessible
- Electrodes of a low current density and long life: 14.000 hours
- Flow switch
- Expected electrode life: 14.000 hours

| Model | ATEC250CM | ATEC300CM | ATEC500CM | ATEC750CM | ATEC1000CM |
|---|---|---|---|---|---|
| Power requirements / Watts | 230 V AC / 1,120 Watts | 230 V AC / 1,340 Watts | 230 V AC / 2,240 Watts | 230 V AC / 3,360 Watts | 230 V AC / 4,450 Watts |
| Voltage output | 24 VDC | 24 VDC | 24 VDC | 24 VDC | 24 VDC |
| Chlorine production per hour (5g/l salt) | 250 gr/h | 300 gr/h | 500gr/h | 750gr/h | 1000gr/h |
| Cell expected life span | 14.000 h | | | | |
| Minimum flow | 15 m³/h | 15 m³/h | 30 m³/h | 45 m³/h | 60 m³/h |
| Connections | 63 mm | 63 mm | 75 mm | 90 mm | 110 mm |
| Weight | 130 kg | 140 kg | 150 kg | 180 kg | 200 kg |
| Packaging dimensions | 900 x 605 x 1155 mm | | 1150 x 610 x 1155 mm | 1185 x 985 x 1130 mm | |

200 m³ ↔ 1500 m³

14.000hr

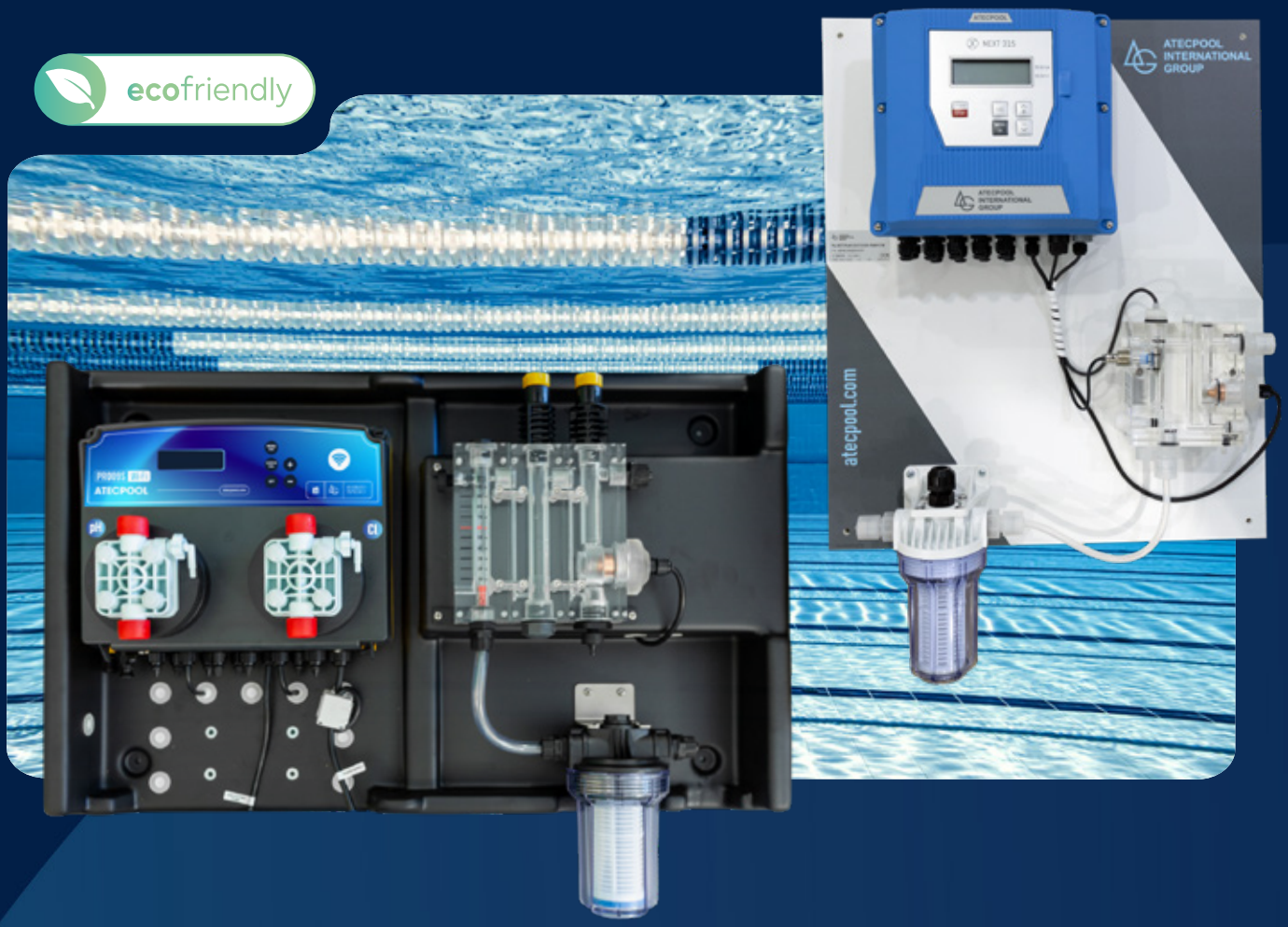
- **High performance**
- **Easy installation**
- **Easy to use**

Salt Water Electrolysis

Healthier Water

# Atecpool Chemical Regulation and Control

## Integrated Pre-Assembled Panels for Automation




INSPIRED By Water

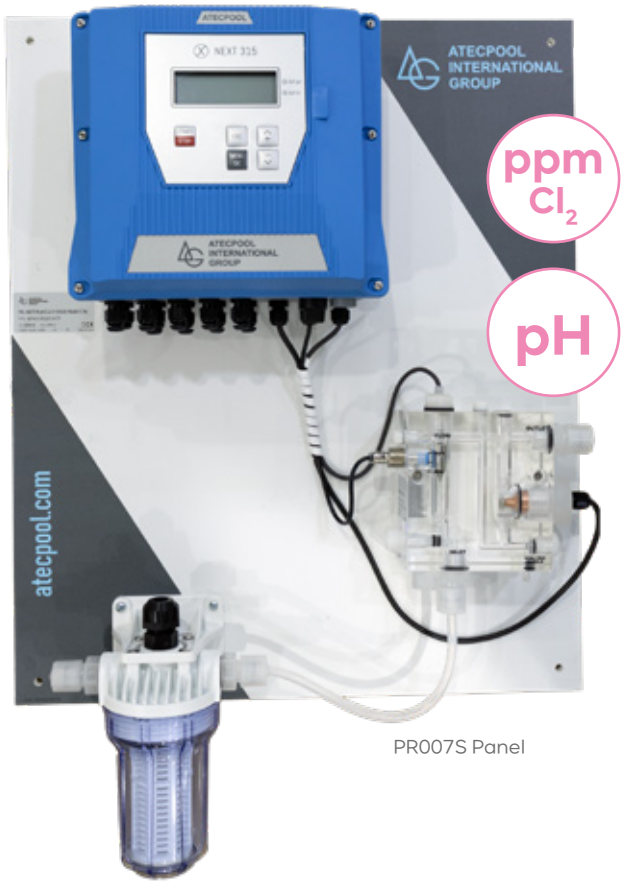
ATECPOOL
BWT GROUP

# Atecpool PR007S

## INTEGRATED PRE-ASSEMBLED PANELS FOR AUTOMATION

### Atecpool PR007S Specifications

- pH / Cl control able to handle 1 digital output (suitable to water meter impulses), 2 relay outputs, and 2 (4-20 mA) outputs.
- "Pump Stop" safety system.
- Electronic dosing control.
- Probe holder panel with pre-filter, inductive low detector and flow regulator.
- Cl (ppm) monitoring by amperometric cell with Cu electrode (PR007S Panel).



PR007S Panel

### Specifications

- Multilanguage interface
- pH Range- Range 0.00 ... 14.00 pH; input impedance > 10^12 Ohm.
- $Cl_2$ Range- input for CLE11 amperometric cell Range 0 ··· 10.00 ppm Cl2
- Outputs for driving two dosing pumps in On-Off (230V or 115V outputs) or PFM (pulse signal) mode
- FLOW input to monitor the water flow to the sensors
- EXT.CONS. input for external consent signal
- Two LEV (level) inputs for controlling the level of reagents to be dosed
- Optional RS232C serial port, for communication with a supervisor
- Configurable maintenance schedule
- Alarms and errors (diagnostic) directly shown on display
- Configuration and calibration data stored in the non-volatile memory for at least 10 years

### PR007S Panel for Automation

| Model | PR007S |
|---|---|
| Description | Automatic dosing control panel assembly |
| Power supply | 230 V AC, 50/60 Hz, 5 VA |
| Readings | pH / $Cl_2$ (ppm) |

### Components Included

- 315 digital controller - 315 digital controller is an electronic unit especially designed for the analysis and control of the main parameters in pool plants.
- CLE11 cell - Open amperometric cells for measurements of free chlorine, chlorine dioxide and bromine.
- pH electrode - EURO2000®–pH Series. Models with plastic shaft and fixed cable.
- Mesh filter cartridge - 1x SF17 flow through electrode holder, with washable 80 m mesh filter cartridge.


315 Digital Controller


pH electrode


CLE 11 cell


Mesh filter cartridge

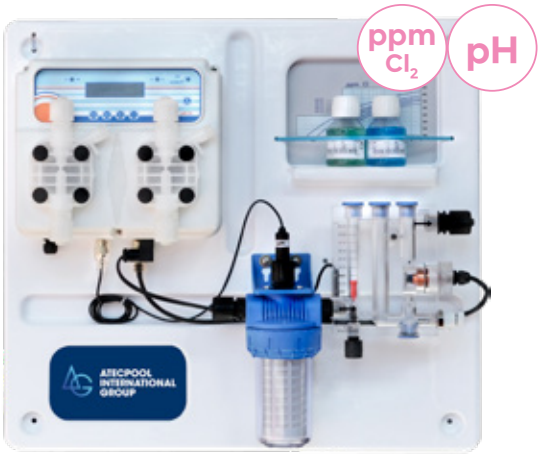
# Atecpool PR009 Series

## INTEGRATED PANELS WITH INBUILT DOSING PUMPS

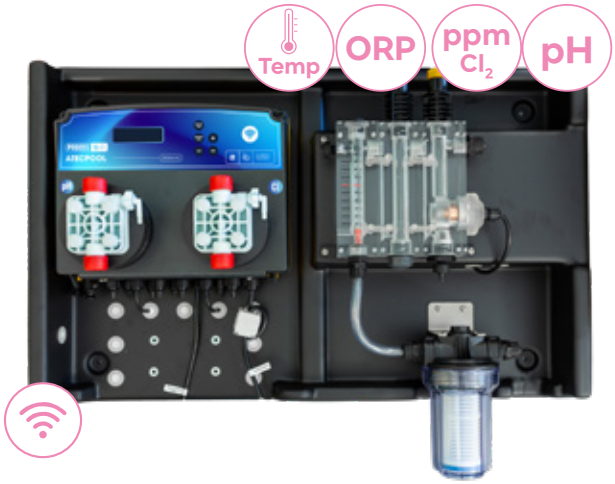
### Automatic Chemical Regulation and Control Specifications

- Dual Dosing Panel PH/Chlorine dosing system with built in controller with PPM display
- 3 operating modes: constant, ON / OFF, proportional
- Electronic dosing control
- Probe holder panel with pre-filter, inductive low detector and flow regulator.
- Cl (ppm) monitoring by CLC2 amperometric CL cell (PR009 Panel) and by CLE11 amperometric cell with Cu electrode (PR009S Panel).
- PR009S is Wi-Fi enabled

### PR009 Panel (CLC2 Amperometric CL Cell)




### PR009S Panel (CLE11 Amperometric CL Cell)




### Technical Data

| Model | PR009 | PR009S |
|---|---|---|
| Input voltage | 230 V AC, 50/60 Hz | 220-240 V AC, 50/60 Hz |
| Pump Head | PVDF | PVDF |
| Readings | pH / Cl2 (ppm) | pH / Cl2 (ppm)/ORP/Temp. |
| Range Cl2 (ppm) | 0.20 - 10.0 ppm | 0-10 ppm |
| Range pH | 0-14pH | 0-14pH |
| Pressure | 5 bar | 5 bar |
| Flow rate | 5 l/h | 5 l/h |
| Cl electrode | Copper / Platinum | Copper / Platinum |
| Temperature | 5 ~ 40°C | 5 ~ 40°C |
| Dimensions | H:500 x W:550x D:147,6 mm | H:243 x W:286 x D:152 mm |

### Specifications - Inbuilt Dosing Pumps

| Model | | PR009 | | PR009S | |
|---|---|---|---|---|---|
| Standard | | Chlorine pump | pH Pump | Chlorine pump | pH Pump |
| Pressure | Bar | 5 | 5 | 5 | 5 |
| Max. Flow | l/h | 5 | 5 | 5 | 5 |
| Pump dosing frequency | Strokes per min. | 150 | 150 | 160 | 160 |
| Solenoid | | Ø80 | Ø80 | Ø80 | Ø80 |

# Atecpool Evolution Dosing Control

## RS485 WITH MODBUS RTU




### Atecpool Evolution dosing control

Atecpool Evolution control have been especially designed for swimming pool applications that need connectivity with BMS or home automation systems. They allow to analyse and adjust the pH and chlorine levels, with two additional outputs, which can be used to drive pumps for the dosage of flocculant and anti-algae products.

| Model | PR007PRO |
|---|---|
| Description | Automatic dosing control w/ MODBUS RTU |
| Power supply | 100~240 V AC, 50/60 Hz., 15W |
| Readings | pH / Cl2 (ppm)/ORP/Temp |

### Technical Data

| Data | PR007PRO |
|---|---|
| M1 measurement input | pH: Electrode input on BNC connector; range: 0.00 ...14.00 pH |
| M2 measurement input | ORP: Electrode input on BNC connector; range: -2000 ... +2000 mV<br>CLE: Open amperometric cell; input on terminal block;<br>range: 0 ... 10.00 ppm Cl (Br)<br>CAC: Closed probe with membrane, mV or mA signal (depending on model); input<br>on terminal block; ppm range, depending on used probe |
| Temperature input | for PT100 / PT1000 sensor, with automatic detection of sensor type; input on terminal block |
| Adjustment outputs | 2x 230V~ (*), for On-Off / PWM control mode<br>2x contact type, 5A a 250V~, for On-Off / PWM control mode<br>2x pulse, max 3 Hz, for PFM control mode<br>1x flocculant dosing pump, 230V~ (*), timed operation<br>1x anti-alga dosing pump, 230V~ (*), timed operation |
| Alarm relay | 1x contact type, normally energized / de-energized, 10A a 250V~ |
| Digital inputs | 2x NO/NC contact, for level sensors of acid (pH) + chlorine tanks<br>1x EXT.CONS, contact type, NO/NC, for external consent / pause signal<br>1x sample water flow, NO/NC contact, for NPN proximity sensor<br>1x Eco Mode, NO/NC contact |
| Communication | Front USB port, protected by a watertight cover; for parameters uploading / saving, datalogger downloading and FW updating. |
| Protection degree | IP65 |
| Dimensions | 250 x 231 x 101 mm (cable-glands not included) |
| Weight | Approx. 1 kg |

### Specifications

- Communication options: RS485 serial port with Modbus RTU protocol
- Two measurement inputs for pH electrode / ORP electrode / amperometric sensor
- Temperature input for sensor, with automatic detection of sensor type
- Three-level configuration, protected by three different passwords
- Adjustment outputs at 230V, contact type or pulse to drive two dosing pumps or other dosing device, configurable by the user for On-Off or proportional (PWM / PFM) operation mode
- Two analog outputs (0/4-20 mA), configurable for control or signal repetition
- Two inputs for level sensor, configurable at one or two steps
- Sample water flow control input
- Digital pause input to disable all outputs
- Two outputs to drive flocculant and anti-algae dosing pumps
- "EcoMode" function for dosage reduction and consequent chemicals savings, which can be activated by external contact or timer
- Inbuilt RTC with 25 configuration steps (each one including switch on / shutdown times setting linkable to specific actions and days of the week)
- Easily accessible USB port, protected by a watertight cover; can be used for configuration of parameters, data downloading and system updating

# Automatic Chemical Regulation and Control

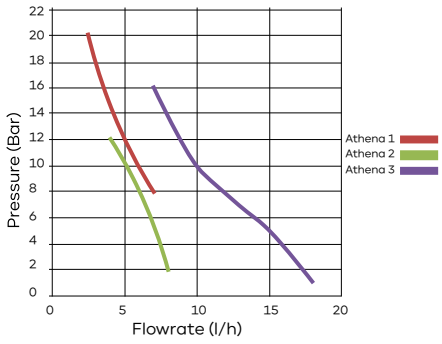
## pH/ORP MEASUREMENT AND CONTROLLING DEVICE

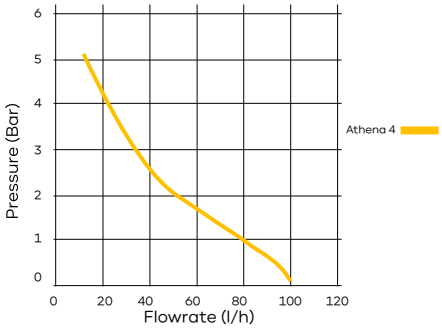
### Atecpool Athena Electromagnetic Dosing Pump with built in pH/ORP controller

- PVDF pump head suitable for chemicals used in the Industrial applications, waste water treatment and potable water applications.
- Glass-fiber reinforced polypropylene case, fireproof and acid-resistant
- Ceramic ball full chemical compatibility
- PTFE diaphragm with long service life and high chemical compatibility.
- Steady dosing
- Stabilized Multi Power Supply 100-240 V AC, 50/60 Hz with reduced consumption
- Quick connections; Manual priming valve
- IP65 protection
- Adjustable flow rate
- Power-ON and Level Alarms LED
- Digital proportional flow pump supplied with pH/Rx electrodes.
- Measuring range: pH 0....14 - Rx 0....999 mV
- Base support as optional
- 4-20 mA output on all the recording scale
- Manual / automatic calibration with probe efficiency evaluation
- Anti-seepage system

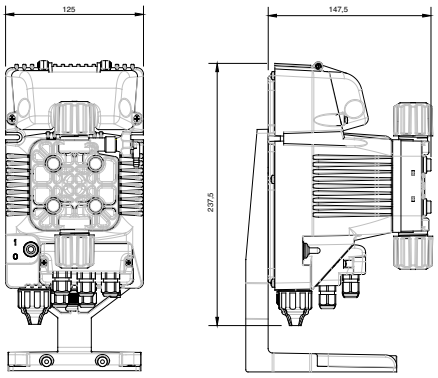


### Flow rate and Pressure Graph




### Dimensions



### Athena PR Dosing Pump Technical Data

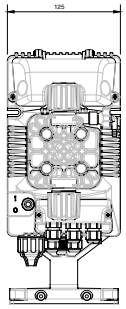
| Model | Code | Flow Rate | Pressure | C.C/IMP. | Connection | Strokes/Min. | Consumption | Weight |
|---|---|---|---|---|---|---|---|---|
| Athena 1 | 610-030 | 2,5 l/h | 20 bar | 0,35 | 4x6 – 4x7 | 120 | 14 watt | 3 kg |
| | | 3 l/h | 18 bar | 0,42 | 4x6 – 4x7 | 120 | 14 watt | 3 kg |
| | | 4,2 l/h | 14 bar | 0,58 | 4x6 – 4x7 | 120 | 14 watt | 3 kg |
| | | 7 l/h | 8 bar | 0,97 | 4x6 – 4x7 | 120 | 14 watt | 3 kg |
| Athena 2 | 620-030 | 3 l/h | 12 bar | 0,31 | 4x6 | 160 | 20 watt | 3 kg |
| | | 4 l/h | 10 bar | 0,42 | 4x6 | 160 | 20 watt | 3 kg |
| | | 5 l/h | 8 bar | 0,52 | 4x6 | 160 | 20 watt | 3 kg |
| | | 8 l/h | 5 bar | 0,83 | 4x6 | 160 | 20 watt | 3 kg |
| Athena 3 | 630-100 | 7 l/h | 16 bar | 0,39 | 4x6 | 300 | 40 watt | 4 kg |
| | | 10 l/h | 10 bar | 0,56 | 4x6 | 300 | 40 watt | 4 kg |
| | | 15 l/h | 5 bar | 0,83 | 4x6 | 300 | 40 watt | 4 kg |
| | | 18 l/h | 1 bar | 1,00 | 4x6 | 300 | 40 watt | 4 kg |
| Athena 4 | 640-200 | 20 l/h | 5 bar | 1,11 | 8x12 | 300 | 40 watt | 4 kg |
| | | 32 l/h | 4 bar | 1,78 | 8x12 | 300 | 40 watt | 4 kg |
| | | 62 l/h | 2 bar | 3,44 | 8x12 | 300 | 40 watt | 4 kg |
| | | 110 l/h | 0,1 bar | 6,11 | 8x12 | 300 | 40 watt | 4 kg |

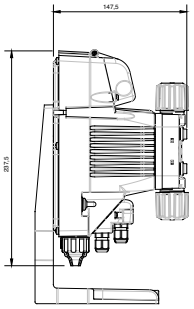
# Manual Dosing Pumps

## HERA AND OLYMPIA

### Atecpool Hera Electromagnetic Dosing Pump







- PVDF pump head suitable for chemical used in waste water treatment and pools.
- PTFE diaphragm unique life expectancy and compatibility with most chemicals.
- Steady dosing Stabilized Multi Power Supply 100-240 V AC 50/60 Hz with reduced consumption.
- Quick connections; Manual priming valve. IP65 protection
- Adjustable flow rate by buttons on the front panel.Power-on and level alarms LED.
- Analogue with constant flow 0-20%, 0-100% double manual flow regulation
- Level probe predisposition with quick connection
- Base support as optional
- Anti-seepage system

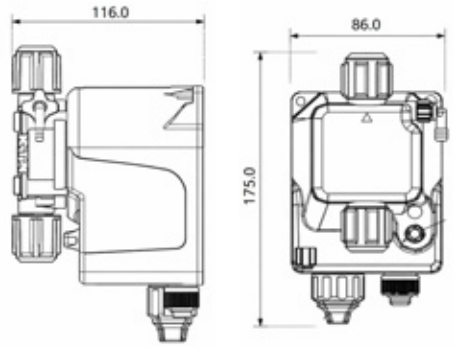
| Model | Code | Flow Rate | Pressure | C.C/IMP. | Connection | Strokes/Min. | Power | Weight |
|---|---|---|---|---|---|---|---|---|
| Hera L | 310-080 | 0,4 l/h | 20 bar | 0,06 | 4x6 - 4x7 | 120 | 14 W | 3 kg |
| | | 0,8 l/h | 16 bar | 0,11 | 4x6 - 4x7 | 120 | 14 W | 3 kg |
| | | 1,2 l/h | 10 bar | 0,16 | 4x6 - 4x7 | 120 | 14 W | 3 kg |
| | | 1,5 l/h | 6 bar | 0,21 | 4x6 - 4x7 | 120 | 14 W | 3 kg |
| Hera 1 | 320-030 | 2,5 l/h | 20 bar | 0,35 | 4x6 – 4x7 | 120 | 14 W | 3 kg |
| | | 3 l/h | 18 bar | 0,42 | 4x6 – 4x7 | 120 | 14 W | 3 kg |
| | | 4,2 l/h | 14 bar | 0,58 | 4x6 – 4x7 | 120 | 14 W | 3 kg |
| | | 7 l/h | 8 bar | 0,97 | 4x6 – 4x7 | 120 | 14 W | 3 kg |
| Hera 2 | 330-050 | 3 l/h | 12 bar | 0,31 | 4x6 | 160 | 20 W | 3 kg |
| | | 4 l/h | 10 bar | 0,42 | 4x6 | 160 | 20 W | 3 kg |
| | | 5 l/h | 8 bar | 0,52 | 4x6 | 160 | 20 W | 3 kg |
| | | 8 l/h | 2 bar | 0,83 | 4x6 | 160 | 20 W | 3 kg |
| Hera 3 | 310-100 | 7 l/h | 16 bar | 0,39 | 4x6 | 300 | 40 W | 4 kg |
| | | 10 l/h | 10 bar | 0,56 | 4x6 | 300 | 40 W | 4 kg |
| | | 15 l/h | 5 bar | 0,83 | 4x6 | 300 | 40 W | 4 kg |
| | | 18 l/h | 1 bar | 1,00 | 4x6 | 300 | 40 W | 4 kg |
| Hera 4 | 310-320 | 20 l/h | 5 bar | 1,11 | 8x12 | 300 | 40 W | 4 kg |
| | | 32 l/h | 4 bar | 1,78 | 8x12 | 300 | 40 W | 4 kg |
| | | 62 l/h | 2 bar | 3,44 | 8x12 | 300 | 40 W | 4 kg |
| | | 110 l/h | 0,1 bar | 6,11 | 8x12 | 300 | 40 W | 4 kg |

### Atecpool Olympia Solenoid Dosing Pump



- Pump head: PVDF-C
- Diaphragm: PTFE
- Flow rates: from 0.6 to 5 l/h
- Max Pressure: up to 7 bar (101.5 psi)
- Power supply: 230V AC 50/60 Hz
- 24V AC available upon request
- Stroke rate: from 20 up to 160 strokes/ minute
- External Enclosure: PP + fiber glass
- Protection degree: IP65
- Floating level probe with bipolar 2m cable with support

**Dimensions**




| Code | Flow Rate | Pressures | CC/Imp. | Connections | Strokes/Min. | Dimensions | Weight | Power | Power Supply |
|---|---|---|---|---|---|---|---|---|---|
| | l/h | bar | | | | mm | Kg | W | |
| 210-220 | 0.6 | 7 | 0.1 | 4x6 | 100 | 175 x 86 x 116 | 1.5 | 14 | 110-240V AC |
| 210-320 | 2 | 7 | 0.33 | 4x6 | 100 | 175 x 86 x 116 | 1.5 | 14 | 110-240V AC |
| 210-420 | 5 | 5 | 0.52 | 4x6 | 160 | 175 x 86 x 116 | 1.5 | 14 | 110-240V AC |

# Manual Dosing Pumps

## SOLENOID DRIVEN

### Analogue Solenoid Driven Dosing Pump- Commercial Pools



- Adjustable stroke rate via the potentiometer.
- 95-260 V AC working range and solenoid driven technology that can do automatic adaptation accordingly to line voltage.
- Vertical mount design and alternative mounting advantage by base fixing bracket.
- High resistance to corrosive chemicals with PVDF Pump IP65 body.
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm
- Lesser maintenance by ceramic ball design Suction and injection parts included.
- Double liquid level control input
- 1/10 Adjustment Button

| Code | Model | Description | Frequency |
|---|---|---|---|
| 510 525 | ATEC - PVDF 25L / 5B | 25 Ltr / 5 Bar Level Controlled and 1/10 Adjustable Analogue Dosing Pump | 160 imp / min |
| 510 530 | ATEC - PVDF 30L / 3B | 30 Ltr / 3 Bar Level Controlled and 1/10 Adjustable Analogue Dosing Pump | 160 imp / min |
| 510 535 | ATEC - PVDF 35L / 2B | 35 Ltr / 2 Bar Level Controlled and 1/10 Adjustable Analogue Dosing Pump | 160 imp / min |
| 510 540 | ATEC - PVDF 40L / 1B | 40 Ltr / 1 Bar Level Controlled and 1/10 Adjustable Analogue Dosing Pump | 160 imp / min |

### Analogue Liquid Level Controlled and 1/10 Adjusted Dosing Pump





- Adjustable stroke rate via the potentiometer on the device.
- Liquid level control and 1/10 adjustable button.
- High resistance to corrosive chemicals with PVDF Pump IP65 body.
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm.
- Less maintenance with ceramic ball design.
- Suction and injection parts included.

| Code | Model | Description | Frequency |
|---|---|---|---|
| 210 402 | ATEC - APS 2L / 10LB | 2 Ltr / 10 Bar Level Controlled and 1 / 10 Adjustable Analogue Dosing Pump | 120 imp / min |
| 210 405 | ATEC - APS 5L / 7B | 5 Ltr / 7 Bar Level Controlled and 1 / 10 Adjustable Analogue Dosing Pump | 120 imp / min |
| 210 410 | ATEC - APS 10L / 5B | 10 Ltr / 5 Bar Level Controlled and 1 / 10 Adjustable Analogue Dosing Pump | 120 imp / min |
| 210 412 | ATEC - APS 2L / 20B | 2 Ltr / 20 Bar Level Controlled and 1 / 10 Adjustable Analogue Dosing Pump | 120 imp / min |

### Peristaltic Analog Dosing Pump



- Variable flow/speed 10-100%
- Biwall peristaltic tube with silicone outer and PTFE (Teflon) inner layer for spa, steam aroma dosing with high chemical resistance
- Wall mounting with fast-coupling bracket
- Fire resistant IP65 enclosure
- Suitable for viscous liquids

| Code | Flow rates | Pressures | Power Supply | Dimensions | Weight |
|---|---|---|---|---|---|
| | l/h | bar | | mm | kg |
| 101-120 | 0,4 - 4 | 1 | 100~240 V AC | 112x90x90 | 0,6 |

# Motor Driven Dosing Pumps

## ELECTROMECHANICAL DOSING PUMPS



### Atecpool Taurus Dosing Pumps

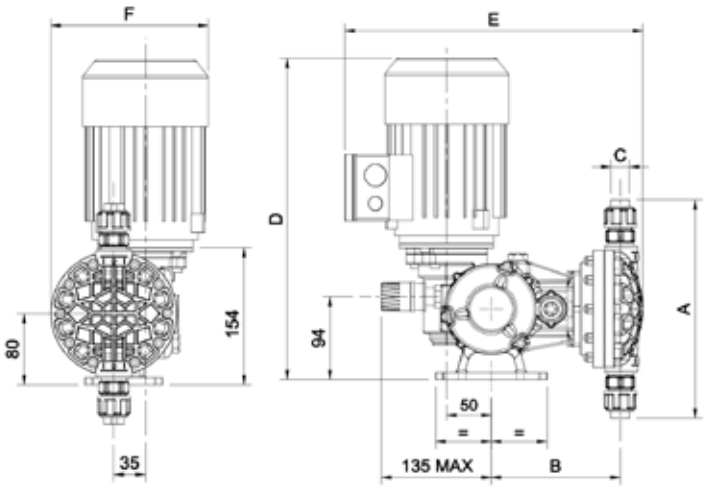
- Mechanical diaphragm metering pumps featuring a spring return mechanism, and with an aluminium housing.
- Each pump is equipped with manual flow adjustment and can be equipped with an electric actuator which accepts a 4-20 mA or inverter.

### Taurus Diaphragm Pump Specifications

- Maximum flow rate upto 500 l/h
- 3 Phase 4-pole electric motor with IP55 protection
- Low noise operation
- Stroke length: 2-4-6 mm
- PVDF pump head
- Insulation class: F

| Model | Ø Diaphragm | Stroke length | Strokes/min | Flow rate | Pressure | Connection | Weight | Motor |
|---|---|---|---|---|---|---|---|---|
| | mm | mm | | l/h | bar | inch | kg | |
| TM02094A | 94 mm | 2 mm | 58 | 20 l/h | 10 bar | 3/8" | 8,4 Kg | 3 phase 4P 0,18 kW |
| TM02094B | 94 mm | 2mm | 78 | 26 l/h | 10 bar | 3/8" | 8,4 Kg | |
| TM02094C | 94 mm | 2 mm | 116 | 40 l/h | 10 bar | 3/8" | 8,4 Kg | |
| TM04108A | 108 mm | 4 mm | 58 | 60 l/h | 10 bar | 3/8" | 10,1 Kg | 3 phase 4P 0,18 kW |
| TM04108B | 108 mm | 4 mm | 78 | 80 l/h | 10 bar | 3/8" | 10,1 kg | |
| TM04108C | 108 mm | 4 mm | 116 | 120 l/h | 10 bar | 3/8" | 10,1 Kg | |
| TM06138A | 138 mm | 6 mm | 58 | 155 l/h | 7 bar | 3/4" | 12,3 Kg | 3 phase 4P 0,37 kW |
| TM06138B | 138 mm | 6 mm | 78 | 220 l/h | 7 bar | 3/4" | 12,3 kg | |
| TM06138C | 138 mm | 6 mm | 116 | 310 l/h | 7 bar | 1" | 12,3 Kg | |
| TM06165A | 165 mm | 6 mm | 58 | 230 l/h | 5 bar | 1" | 13,2 Kg | |
| TM06165B | 165 mm | 6 mm | 78 | 330 l/h | 5 bar | 1" | 13,2 kg | |
| TM06165C | 165 mm | 6 mm | 116 | 500 l/h | 3 bar | 1" | 13,2 Kg | |

### Atecpool Taurus Dimensions




| Diaphragm | A (mm) | B (mm) | C(BSP) | D (mm) | E (mm) | F (mm) |
|---|---|---|---|---|---|---|
| 94 mm | 242 | 144 | 3/8" | 371 | 340 | 168 |
| 108 mm | 250 | 147 | 3/8" | 371 | 343 | 177 |
| 138 mm | 347 | 159 | 3/4" - 1" | 371 | 364 | 189 |
| 165 mm | 375 | 172 | 1" | 371 | 372 | 214 |

# Automatic Chemical Regulation and Control
## ACCESSORIES

### CLE11 Amperometric Chlorine Cell for measuring Free CL (PPM)

CLE11 are two-electrode (platinum / copper), open amperometric cells, which allow to measure the concentration of free chlorine, chlorine dioxide and bromine in water. The electrode group is assembled in a own flow probe-holder with flow regulator and housings for the installation of a temperature sensor and a flow sensor.



CLE11

**Specifications**

- Measurement Range: 0.00 ··· 10.00 ppm
- Electrodes: platinum (Cu/Pt).
- Copper Anti-passivation automatic system, through small glass balls.
- Flow Rate: 40 ··· 50 l/h (recommended)
- Pressure min: 0.5 bar, max 3 bar
- Electrical Connection: 2-pole cable, 0.5mm² wires, standard length 1 m.
- Environment: Working temperature: 0 ··· 40 °C, Storage temperature: -10 ··· 60 °C
- Dimensions approx. 230 x 155 x 50 mm (CLE12) / 170 x 155 x 50 (CLE11)

| Code | Description |
|---|---|
| | |
| **CLE11** | Amperometric Chlorine Cell PPM CLE11 |

### Cleaning KIT for CLE11 Amperometric Cell

Solution for good maintenance of CLE11



MAINT-KIT

ATECPOOL suggest a simple solution for maintenance for the oxidation of platinum and copper electrodes, especially if in contact with substances which quickly deteriorate the electrodes thus interfering with measurements and optimal functioning. The operator, must simply let the peristaltic inject acid for 2/3 minutes (commercial HCL around 10% concentration) or at least a simple detergent. This until copper electrode is restored to natural colour.

| Code | Description |
|---|---|
| | |
| **MAINT-KIT** | Cleaning Kit for CLE11 Cell |

### CLS2-1H Membrane ION Selective Sensor for measuring Free CL (PPM)

Membrane ion selective amperometric 3 electrodes system, integrated electronics for measuring Free Chlorine, compatible with Surfactants, Tensides, Isocyanuratic, Flocculants. CLO2 is measured at 100%



CLS2-1H

| Code | Description |
|---|---|
| | |
| **CLS2-1H** | Membrane ION Selective Sensor PPM CLS2-1H |

| Specifications | CLS2-1H |
|---|---|
| **Indicator** | Total Chlorine = free chlorine + combined chlorine |
| **Measuring Method** | Membrane ion selective amperometric 3 electrodes system, Integrated electronics |
| **Suitable Chlorinating Agents** | NaOCl (sodium hypochlorite); Ca (OCl)2 (calcium hypochlorite); chlorine gas; |
| **Electrolytically generated chlorine** | Electrolytically generated chlorine |
| **Interference Parameters** | ClO2 measured at 100% / O3 measured with slope approx.130%(factor 1,3 to Cl slope) |
| **Range** | 0.005 ..... 2 ppm (mg/L) free chlorine |
| **Resolution** | 0.001 ppm (mg/L) |
| **Signal (nominal slope)** | -1000 mV/ppm |
| **Power Supply** | +5 to +12,5 Vdc / 10 – 25 Vdc 25mA |
| **Output signal** | Analog voltage output 0 .. - 2000 mV/Output resistance 1 KΩ /NO galvanic isolation |
| **Operating temperature:** | > 5 ... < 45°C, automatic compensation by integrated resistor |
| **pH range** | pH 4÷pH 12 (low pH dependency, linear decrease approx.5% per unit increase pH) |
| **Flow rate / Pressure** | Approximately 30 l/h / 0,5 bar, no sudden pressure, impulses and/or fluctuations |
| **Run-in time / Response** | First start-up approx. 2 hours / T90 approx.2 min |
| **Slope adjustment** | Reference method DPD4 (DPD1+DPD3); Zero point calibration NOT necessary |
| **Connection** | 4 poles screwable plug (NOT provided with cable, see cable for CLS sensors) |
| **Material** | Microporous hydrophilic membrane; PVC-U body, S.S 1.4571 electro polished |
| **Dimensions** | Diameter approx 25 mm / Length (analog sensor) approximately 175 mm |

# Automatic Chemical Regulation and Control
## ACCESSORIES

### EPH / ERX Electrodes for measuring pH and RX



EPH5 ERX5

| pH / RX Sensor Electrode | EPH5 / ERX5 |
|---|---|
| Applications | Swimming pools, Water treatment, Process industry, Laboratory |
| Characteristics | Maintenance free sensors for measuring pH and RX (ORP) value |
| Measuring Method | Combination electrode, Potential against reference electrolyte gel |
| Construction | Plastic shaft, 1 diaphragm, Maintenance free gel electrolyte |
| Reference system | Double junction reference |
| Storage | Recommended storage solution KCL3 (inquire for it) |
| Electrical connector | Head with fixed coaxial cable D/3 mm (length 1m or 5 m) + BNC |
| Remarks | Suitable for most pH and RX (ORP) controllers |
| Shaft length | 120 mm |

| Code | EPH5 | ERX5 |
|---|---|---|
| Range | pH 0...14 | - 1000... +1000 mV |
| Membrane / Diaphragm | Glass / membrane Resistance low/Ceramic | Platinum wire |
| Zero-Point / Sensitivity | 0 + 20mV/Sensitivity 57..59 mV pH at 25°C | - |
| Temperature/Isothermic | 0....60 °C / Isothermic Point 0 +/- 50 mV | 0....60 °C |
| Pressure | 4 bar | 4 bar |

### Electrode Module for pH and RX / Sensor Holders



ECELL1



ECELL3

**Electrode and Sensor Holders**

The electrode cell module is designed for hosting the following electrodes in use:

- pH and RX electrodes;
Temperature sensors PT100;
Dissolved Oxygen SENS OXY.

| Code | Description |
|---|---|
| | |
| ECELL1 | Single Electrode Module for pH / RX |
| ECELL2 | Two Electrode Module for pH and RX |
| ECELL3 | Three Electrode Module for pH, RX and others |

### Membrane Ion Selective Sensors Module



CLS1

**Membrane Ion Selective Sensor Holder**

This module is a sensor holder designed for hosting the standard Membrane Ion Selective sensor in use.

- Free and Total Chlorine, Hydrogen Peroxide, Chlorine Dioxide and others.

| Code | Description |
|---|---|
| | |
| CLS1 | Single Membrane Ion Selective Holder |

### Lovibond Salinity Tester



**Water tester for conductivity, salinity, TDS and temperature**

Pocket Tester is ideal for regular checks in industrial plants or swimming pools.

**Measuring Range:** Conductivity 0.01-20.00 mS/cm; Salinity 0.01-10 g/L; TDS 0.01-20.00 ppt; Temperature 0-50°

| Code | Description |
|---|---|
| | |
| SD30 | Lovibond Salinity Tester |

### Electrodes Buffer Solutions



| Code | Description |
|---|---|
| | |
| SOL PH4 | Buffer Solution pH4, Bottle of 75ml |
| SOL PH7 | Buffer Solution pH7, Bottle of 75ml |
| SOL PH9 | Buffer Solution pH9, Bottle of 75ml |
| SOL PH10 | Buffer Solution pH10, Bottle of 75ml |
| SOL RX468 | Buffer Solution 468mV, Bottle of 75ml |

# Automatic Chemical Regulation and Control
## ACCESSORIES

### Chemical Tanks with bund



- High resistance for acids and other chemicals with polyethylene body
- Rivetless, monoblock structure
- UV stabilized, no effect from sunlight, no bacteria cultivation material and technology.

| Code | Model | Body Ø |
|---|---|---|
| D-TANK50 | Atecpool Chemical Tank for Dosing PE body 50 ltr | 225 |
| D-TANK100 | Atecpool Chemical Tank for Dosing PE body 100 ltr | 450 |
| D-TANK200 | Atecpool Chemical Tank for Dosing PE body 200 ltr | 558 |
| D-TANK500 | Atecpool Chemical Tank for Dosing PE body 500 ltr | 800 |
| D-TANK1000 | Atecpool Chemical Tank for Dosing PE body 1000 ltr | 1050 |



| Code | Top Diameter | Bottom Diameter | Height |
|---|---|---|---|
| | (Ø) | (Ø) | (mm) |
| BUND 100 | 800 | 700 | 280 |
| BUND 200 | 980 | 700 | 405 |
| BUND 500 | 980 | 810 | 405 |

# Mixers for Dosing Tanks

### Manual Mixer

Manual mixers for medium tanks up to 200 ltr, PVC shaft and propeller.



| Code | Shaft Length | Tank |
|---|---|---|
| | (mm) | (ltr) |
| MIX-MAN60 | 600 | 100 |
| MIX-MAN80 | 800 | 200 |
| MIX-MAN90 | 900 | 500 |

### Electrical Mixer / Low Speed Mixer

- Electrical slow mixers, 75/88/65/52 rpm. Gear driven. Fan and mixer shaft
- PVC material, shaft length 75/90 cm.
- Suitable for mixing fluids with viscosity up to 500 mPa·s

**Shaft/Blade selection:**

- Stainless Steel 304/316/316L
- Carbon Steel Lining Plastic/Rubber/PTFE/Enamel



| Code | Shaft Length | Power Supply | Motor Power | RPM | Tank |
|---|---|---|---|---|---|
| | (mm) | | | | (ltr) |
| MIX/FMV 3-8 | 750 | 230V – 1 phase – 50Hz | 0,18kW | 88 | 100-200 |
| MIX/FMV 3-6 | 750 | 380V – 3 phase – 50Hz | 0,18kW | 75 | 100-200 |
| MIX/FMV 3-16 | 900 | 230V – 1 phase – 50Hz | 0,37kW | 52 | 500-1000 |
| MIX/FMV 3-12 | 900 | 380V – 3 phase – 50Hz | 0,37kW | 65 | 500-1000 |

# Atecpool Ozone Generator

## PZONE EXCLUSIVE



### Specifications

| Description | Type |
|---|---|
| **Technology** | Ozone water treatment |
| **Ozone production** | 2-12.5g$O_3$/h |
| **Application** | Public/Private pools |
| **Pool volume** | 200-1,200 m³ |
| **Ozone generation** | Air dryer/ Oxygen concentrator |
| **Power control** | 10-100% |
| **Installation** | Plug and play |
| **Connection system** | In by-pass |

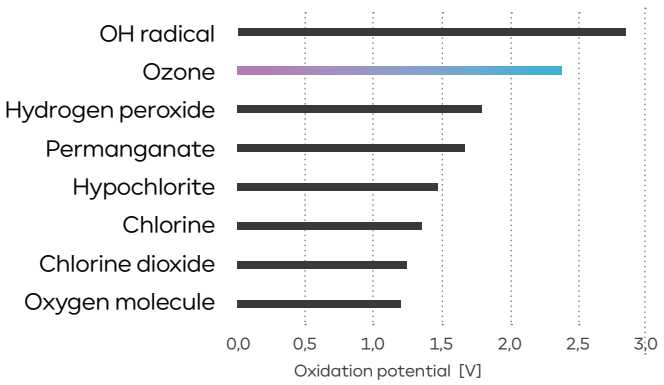
### Atecpool Pzone Exclusive

Ozone is a highly active form of oxygen in the form of a gas. Ozone is several hundred time stronger and more effective than chemical water treatments (such as chlorine). Ozone oxidises urea/ammonia, which is responsible for the formation of chloramines, as well as the formation of various forms of chloramines. This reduction in precursors also leads to a reduction in THM levels. Ozone is always generated at the application site. Ozone dissolved in water kills all bacteria and viruses. Ozone-treated water is clean, clear, tasteless and odorless.

### Benefits of Ozone Generation

- Ozone is many times more effective than chemical water treatment.
- Ozone prevents the formation of chloramines.
- Ozone breaks down chloramines.
- Ozone is effective against chlorine-resistant organisms, algae, bacteria and viruses.
- Ozone makes your water crystal clear, odorless and healthy again.

### Effective Ozone Treatment




### Pzone Components

- Air dryer / Oxygen concentrator
- Ozone generation
- Auxiliary pump
- Injector
- Reaction / Degassing tank
- Degassing valve
- Ozone destroyer in degassing tank

### Ozone Efficiency

- Disinfectant
- Decolourisation
- Removal of contaminants
- Deodorisation

### Model and Specifications

| Model | Ozone Generation | Ozone Production | Pool volume | | Input power | Dimensions | Weight |
|---|---|---|---|---|---|---|---|
| | | | Private pool | Public pool | | | |
| | | (g$O_3$/h) | (m³) | (m³) | (kW) | (mm) | (kg) |
| **Exclusive 2,EP** | Air dryer | 2,0 | up to 200 | up to 100 | 1,0 | 550x450x1,100 | 55 |
| **Exclusive 4,EP** | Air dryer | 4,0 | up to 400 | up to 200 | 1,1 | 550x450x1,100 | 57 |
| **Exclusive 12,EP** | Oxygen concentrator | 12,5 | up to 1,200 | up to 600 | 1,6 | 1,100x500x1,200 | 121 |

Note: Custom ozone production units upon request

# Atecpool Ozone Generator

## OZONE DISINFECTION TECHNOLOGY

### Principle of Atecpool Ozone Generator

Atecpool Ozone generator produce high concentration ozone and avoids risk of burning the circuit, by which ozone is maintained effectively through corona discharge.

The ozone reactor with a high-voltage discharging unit is a micro-gap corona discharging structure composed of ceramic-Ti alloy material.

By virtue of module design, the standard power supply has a working frequency of 4~6KHz, which enables stable yield of ozone and a conversion rate of more than 5%. Under normal situations, there is no ozone yield diminishing after continuous working for 10,000h.



### Components

- Stainless steel case or a carbon steel case with epoxy coating
- Built-in PSA oxygen generator
- Built-in oil less air compressor
- Ceramic reaction chamber with wind cooling
- Standard power module of high frequency and pressure
- Ventilation system.

### Controlling

- Ozone output is adjustable from 0-100%
- Feed gas flow controller
- Reaction chamber pressure gauge 1~1.5kgf/cm$^2$
- Ozone operating indicator
- Input power voltage display
- Automatic power-off protection in case of overheat or overcurrent

### Extra Spare Parts

- Air Refrigerated Dryer
- One-way valve
- Injector
- Booster pump
- Reaction Tank
- Ozone monitor
- Ozone destruction device
- Automatic exhaust steam valve
- Ozone leakage alarming device



## Technical Parameters

- Ozone production: 1-500 gm/hr
- Cooling mode: Built-in air cooling
- Air inlet dew point: -60°C
- Power supply: AC220V/380V
- Resistance to earth: ≤4Ω
- Ozone concentration: 50-105mg/L
- Ambient relative humidity: ≤85%
- Ambient temperature: 1°C ~ 53°C
- Yield adjustment: 0-100%
- Leakage concentration: ≤0.05ppm



### Technical Data

| Model | Ozone Output | Ozone Concentration | Pool Size | Nominal Loading | Power | Dimension | Weight |
|---|---|---|---|---|---|---|---|
| | (g/hr ) | (mg/L) | (US gallons) | (US gallons) | (w) | (mm) | (kg) |
| ATOZO3-1 | 1 | 0-50 | Up to 12,000 /Spas up to 1000 | Up to 24,000 | 550 | 600*300*1030 | 53 |
| ATOZO3-2 | 2 | 0-50 | Up to 24,000 /Spas up to 2000 | Up to 48,000 | 550 | 600*300*1030 | 53 |
| ATOZO3-5 | 5 | 0-50 | Up to 60,000 /Spas up to 5000 | Up to 120,000 | 550 | 600*300*1030 | 53 |
| ATOZO3-10 | 10 | 0-50 | Up to 120,000 | Up to 240,000 | 650 | 600*300*1030 | 53 |
| ATOZO3-15 | 15 | 0-80 | Up to 180,000 | Up to 360,000 | 700 | 600*300*1030 | 53 |
| ATOZO3-20 | 20 | 0-100 | Up to 240,000 | Up to 480,000 | 850 | 600*300*1030 | 55 |
| ATOZO3-30 | 30 | 0-105 | Up to 360,000 | Up to 720,000 | 950 | 600*300*1030 | 55 |

# Pearl Water Generator

## SILKY-SOFT

BWT Pearl Water Generator

## BWT pearl water for your pool

### SILKY-SOFT, LIMESCALE-FREE AND PH-NEUTRAL

Limescale deposits along the water line, on the pool cover and throughout the installation is ancient history because BWT Pool Pearl Water is soft. You need fewer pool chemicals and cleaning products – good for the environment and your pocket!

**An entirely new set of unique features were developed for the BWT PEARL WATER GENERATOR HOME. The smart control system continuously adapts the machine's output to the pool water meaning it is energy efficient and consumes fewer resources.**




**Automatic operation**
Once configured, the pearl water system runs completely automatically

**Status Display**
LED indicator to signal low operating product levels and system malfunctions.

**Smart**
Configuration of the BWT PEARL WATER GENERATOR via WLAN is simple and easy.

**Autonomous**
An in-built booster pump maintains a constant pressure and flow rate, the pool's filter pump is not solicited.

**Efficient**
Completely new functionality, the BWT PEARL WATER GENERATOR HOME'S production continuously adapts to the current condition of the pool water. Efficiency and energy savings are guaranteed.

**Compact**
Compact design with space-saving dimensions.

**Retrofittable**
Compatible with new and existing pool installations.

| Code | Description |
|---|---|
| | |
| 125298982 | BWT Pearl Water Generator Home |

## Specifications

| Specifications | Type |
|---|---|
| Pipings and fittings | Plug & play |
| Electrical connection | 1~230 V / 50 Hz |
| Power cable | 1 m |
| Operating product | BWT Perla Tabs |
| Salt storage | 12 kg |
| Pool size | up to 100 m³ |
| Partial flow | 1200 l/h |
| Operating mode | automatic |
| WIFI | yes |
| Status LED | yes |
| Dimensions (W × D × H) | 490 × 600 × 1030 mm |
| Weight | 75 kg |



**BWT Best Water App**

Download on the App Store

GET IT ON Google Play

# Accu-Tab System

## TABLET CHLORINATION



16211030

### Power Base 1030

The Accu-Tab® system combines the patented erosion feeder technology of the Power-Base 1030 chlorinator with proprietary 31/8 -inch Accu-Tab Blue SI calcium hypochlorite tablets to deliver predictable rates of chlorine for commercial water applications.

- 30 pound tablet storage capacity
- For indoor pools up to 360.000 US gallons
- For outdoor un-stabilized pool up to 60.000 US gallons
- For outdoor stabilized pools up to 140.000 US gallons
- NSF 50 certified delivery - upto 2.8 lbs/hr chlorine

| Code | Dimension | Inlet Connection | Outlet Connection | Electrical Requirements |
|---|---|---|---|---|
| **16211030** | 22"W x 27"L x 35"H | 1" Socket | 1" Socket | 230V 20 amp circuit |



16213070

### Power Base 3070

The 3070 model has few moving parts and no small openings that can clog; freeing operators from frequent, time consuming maintenance. In most cases, once a year cleaning is all that is required.

- 70 pound tablet storage capacity
- For indoor pools up to 1.120.000 US gallons
- For outdoor un-stabilized pool up to 220.000 US gallons
- For outdoor stabilized pools up to 400.000 US gallons
- NSF 50 certified delivery - upto 10.2 lbs/hr chlorine

| Code | Dimension | Inlet Connection | Outlet Connection | Electrical Requirements |
|---|---|---|---|---|
| **16213070** | 22"W x 34"L x 52"H | 1 1/2" Socket | 1 1/2" Socket | 230V 15 amp circuit |



16213140

### Power Base 3140

The PowerBase 3140 is a compact, erosion-based chlorinator that uses Accu-Tab® Blue SI tablets for consistent chlorine delivery. It's ideal for small to medium pools, offering reliable performance in a durable design.

- 140-pound table storage capacity
- Indoor pools up to 2,000,000 US gallons
- Outdoor stabilized pools up to 700,000 US gallons
- Outdoor unstabilized pools up to 400,000 US gallons
- NSF 50 certified delivery - upto 22 lbs/hr chlorine

| Code | Dimension | Inlet Connection | Outlet Connection | Electrical Requirements |
|---|---|---|---|---|
| **16213140** | 25"W x 45"L x 51"H | 2" Socket | 2" Socket | 230V 20 amp circuit |



16213500

### Power Base 3500

The PowerBase 3500 is a compact, reliable chlorinator is ideal for small to medium pools. It delivers consistent chlorination and is known for its durable, high-performance design.

- 500 pound tablet storage capacity
- For indoor pools up to 4,800,000 US gallons
- For outdoor un-stabilized pool up to 800,000 US gallons
- For outdoor stabilized pools up to 1,400,000 US gallons
- NSF 50 certified delivery - upto 36.4 lbs/hr chlorine

| Code | Dimension | Inlet Connection | Outlet Connection | Electrical Requirements |
|---|---|---|---|---|
| **16213500** | 31"W x 63"L x 52"H | 2" Socket | 2" Socket | 230V 30 amp circuit |

# Accu-Tab System

## CALCIUM HYPOCHLORITE TABLETS

### Accu-Tab Calcium Hypochlorite Tablet SI

Accu-Tab® three-inch calcium hypochlorite (Cal-Hypo) tablets are able to erode reliably, consistently and predictably because they undergo a multi-step manufacturing and quality control process so they will not soften and clog the system which is a common problem with knock-off three-inch tablets and briquettes. The tablets are packed in 6 ½ gallon plastic pails containing 25 kgs by weight.




03400012

### Accu-Tab Blue SI Tablets - Specifications

- Chemical Name: Calcium Hypochlorite
- Chemical Formula: Ca(OCl)2
- Dimensions: 31/8" diameter x 15/16" tall
- Chemical Assay of Cal-Hypo: Active Ingredient, Calcium Hypochlorite, % 68 nom.
- Other Ingredients, % 32. Minimal Available Chlorine, % 65
- Weight: 325 grams, nominal
- Color: Blue
- NSF Certification: The tablet and chlorinator shall be NSF Standard 50 listed as a combination only. Other combinations shall not be acceptable




03400013

### Accu-Tab White SI Tablets - Specifications

- NSF 61 listed for drinking water
- Chemical Name: Calcium Hypochlorite
- Chemical Formula: Ca(OCl)2
- Dimensions: 31/8" diameter x 15/16" tall Chemical Assay of Cal-Hypo: Active Ingredient, Calcium Hypochlorite, %68 nom.
- Other Ingredients, %32. Minimal Available Chlorine, %65
- Weight: 325 grams, nominal
- Color: White
- NSF Certification: The tablet and chlorinator shall be NSF Standard 50 listed as a combination only. Other combinations shall not be acceptable

| Code | Description | Standard Packing | Weight |
|---|---|---|---|
| | | | (Kg) |
| **03400012** | ACCU-TAB Blue SI 25Kg | 1 pallet (24 pails) | 600 |
| **03400013** | ACCU-TAB White SI 25Kg | 1 pallet (24 pails) | 600 |

### In-line Chlorine / Bromine Feeder

Chlorine Feeder manufactured from unalterable ABS plastic material. Fixed with double safety system cover with built-in manual air relief valve. Easy to use adjustment regulation valve and drain plug. Has mounting fixture for safe operation and correct installation. Comes with 1½", 2" inlet and outlet threaded connection. Flow direction indicator on housing for correct installation.





| Code | Capacity | Max Output | Max. Working Pressure | Connection | Total Height | Base Diameter | Std. Weight | Pkg. Unit | Pkg. Volume |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | (mm) | (mm) | (kg) | | ($m^3$) |
| **00505678** | 4.21 LBS / 2kg | 16 LBS/Hr. | 3,44 bar | 1,5" IN/OUT Threaded | 200 | 140 | 1,2 | 1 | 13 |
| **00505679** | 9 LBS / 4.08kg | 32 LBS/Hr. | 3,44 bar | 1,5" IN/OUT Threaded | 360 | 180 | 1,9 | 1 | 19 |

### Off-line Chlorine / Bromine Feeder

ABS body, 4 kg tablet capacity. Dosage adjustment on the device. Off-line model can be installed in the pool circulation line with an easy by-pass.



| Code | Capacity | Max Output | Max. Working Pressure | Connection | Total Height | Base Diameter | Std. Weight | Pkg. Unit | Pkg. Volume |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | (mm) | (mm) | (kg) | | ($m^3$) |
| **00505679-1** | 9 LBS / 4.08kg | 32 LBS/Hr. | 3,44 bar | 1,5" IN/OUT Threaded | 360 | 180 | 1,9 | 1 | 19 |

# ACO / APF / NOPHOS

## CATALYTIC AGENTS FOR WATER QUALITY

### ACO - Active Catalytic Oxidizer

ACO is an Active Catalytic Oxidizer that works by using the energy of the sun or UV light to catalyze the formation of free radicals to disinfect pool water. The radicals work just like chlorine to remove pollutants but they do not form combined chlorine.
ACO is not consumed in the process; it just makes what naturally happens much more efficient. ACO also protects chlorine from photolysis by sunlight and makes it last three times longer in outdoor pools. ACO does the same as cyanuric acid, but instead of reducing oxidation capacity, ACO amplifies the disinfection of water.



- Eco-Friendly Water Treatment - For outdoor swimming pools, ACO in combination with sunlight helps to disinfect the water. ACO is an oxidation enhancer and chlorine stabilizer.
- A Healthy Bathing Experience - When using UV irradiation, the production of toxic disinfection by-products such as chloroform and cyanogen chloride are reduced.
- High Efficiency - ACO extends the half-life of chlorine and peroxide by over 300 %, giving you substantial chemical savings.

| Code | Standard Packing | Volume |
|---|---|---|
| | | (ltr) |
| **20022** | 1 | 5 |
| **20021** | 1 | 20 |

### APF - All Poly Floc

APF is a multi-spectrum coagulant and flocculent that can remove pollutants from solution and flocculate fine suspended solids, such as skin cells and bacteria, into large particles that are easily removed by AFM® (Activated Filter Media).
No single flocculent or coagulant can remove everything from the water. APF is a precise combination of 10 different electrolytes and polyelectrolytes to cover the widest possible range. Dissolved constituents of water make up 80% of the oxidation demand and suspended solids around 20%. Everything that is filtered out does not need to be oxidized. When the correct flocculation is used in combination with AFM, chlorine consumption and the production of unwanted chlorine by-products are reduced by up to 80%.




- For a safe and healthy pool experience - APF is required to remove bacteria, and parasites such as Cryptosporidium and Giardia.
- Economic and environmental - Improved filtration reduces chlorine demand by up to 80%. It also means there will be fewer disinfection by-products formed. Operating costs will be lower and there will be less of an impact on the environment.
- For chlorine-free swimming in private pools - APF is important for chlorine-free water treatment of private swimming pools in combination with AFM® filtration

| Code | Standard Packing | Volume |
|---|---|---|
| | | (ltr) |
| **20011** | 1 | 20 |

### NOPHOS - No Phosphate Biological Solution Against Algae for fish ponds

NoPhos removes phosphates that enter the pool from water supply, bathers and from debris blown into the pool. Phosphate is a fertilizer and if completely removed, algae and bacteria slowly starve and are eliminated over a period of about six weeks. NoPhos is a natural product that can be safely used in public and private swimming pools, as well as in natural pools, ponds and aquariums. NoPhos is a charged ion which reacts with phosphate to form an insoluble precipitate that is removed by AFM®, or it forms an inert deposit on the floor of the pool that is easily removed.




- Eliminates phosphates - Prevents algae and bacteria growth
- Is a natural product - NoPhos can be used in swimming pools and fish ponds
- Makes water crystal clear

| Code | Standard Packing | Volume |
|---|---|---|
| | | (ltr) |
| **20001** | 1 | 5 |
| **20002** | 1 | 20 |



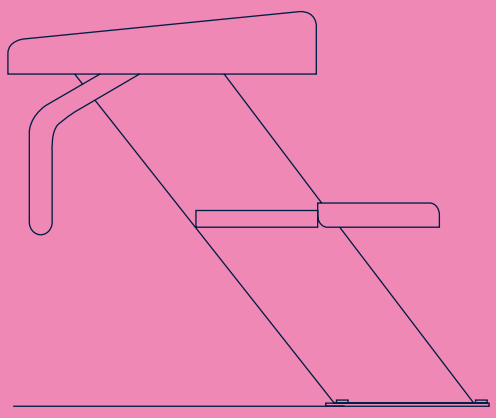
INSPIRED
By Water

atecpool.com

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# Competition Equipment



INSPIRED By Water

ATECPOOL
BWT GROUP

INSPIRED By Water

atecpool.com

# Atecpool Competition Equipment

**DURAFLEX** aluminium springboards have been used exclusively in Olympic diving events since 1960. Duraflex boards and Duraflex stands are used in all major international, national, NCAA and competition diving events.

The only board approved by **FINA** for World Championships

DURAFLEX
Making boards that make champions

# Duraflex
## ALUMINIUM SPRINGBOARDS

### Aluminium Springboards



Duraflex aluminium springboards are a one-piece ribbed extrusion of heat-treated, aircraft-grade aluminium alloy. A torsional stabilizer is attached to the bottom. The boards are coated with a slip-resistant surface. The underside of the board is protected from direct contact with our fulcrum by rubber channels attached to the ribs.

### 16' MAXIFLEX - MODEL B Springboard

The 16' Maxiflex Model B (also called Maxi-B) is the diving board that is used in all major competitive diving events in the world. The Maxi-B is the diving board for facilities that have any competitive diving events.



The 16' Maxi-B is tapered from the fulcrum area to the diving tip, and it is tapered from the fulcrum area to the anchor end. The double-taper allows the whole board to arc while flexing, giving it much more lift than the 16' Duraflex. The Maxi-B is distinguished by its 189 slots at the tip,

| Code | Description | Length | Weight |
|---|---|---|---|
| | | (ft) | (lbs) |
| 16-MX | Maxiflex Model B Springboard | 16' | 145 |

Warning: The pool where these boards will be installed must have diving-well dimensions conforming to FINA, USA Diving, or NCAA minimum dimensions.

### 16' DURAFLEX Springboard





The 16' Duraflex is used for recreational diving in commercial pools that conform to USA Diving, FINA or NCAA minimum dimensions. They are tapered from the fulcrum area to the diving tip.

### 14' DURAFLEX Springboard





The 14' Duraflex is used for recreational diving in commercial pools that conform to USA Diving, FINA or NCAA minimum dimensions. They are tapered from the fulcrum area to the diving tip.

| Code | Description | Length | Weight |
|---|---|---|---|
| | | (ft) | (lbs) |
| 16-DX | Duraflex 16' Springboard | 16' | 145 |
| 14-DX | Duraflex 14' Springboard | 14' | 140 |

### New Short Stand

The Duraflex short stand is designed to provide a firm foundation for mounting Duraflex aluminium springboards. The Duraflex short stands are designed to mount on your concrete pedestal or platform. The stand consists of a short stand anchor and a fulcrum assembly.



| Code | Description | Weight |
|---|---|---|
| | | (lbs) |
| 10006 | New Short Stand for 16-MX | 145 |
| 10007 | New Short Stand for 16-DX | 145 |
| 10008 | New Short Stand for 14-DX | 145 |

### Features

- New fulcrum mechanisms avoid slip-stick effect when adjusting the fulcrum
- Alignment beam to ensure correct installation and spacing between the rear end of the stand and the fulcrum giving greater consistency between diving stands
- Redesigned mounting locations ensure correct alignment and compensate for less-than-ideal decks
- Enhanced coating process to reduce corrosion

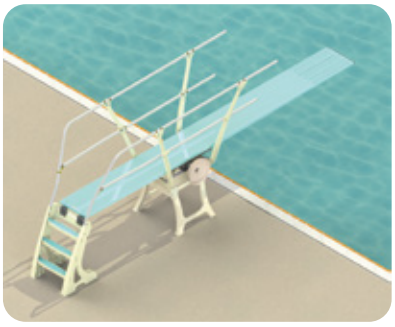
# Duraflex

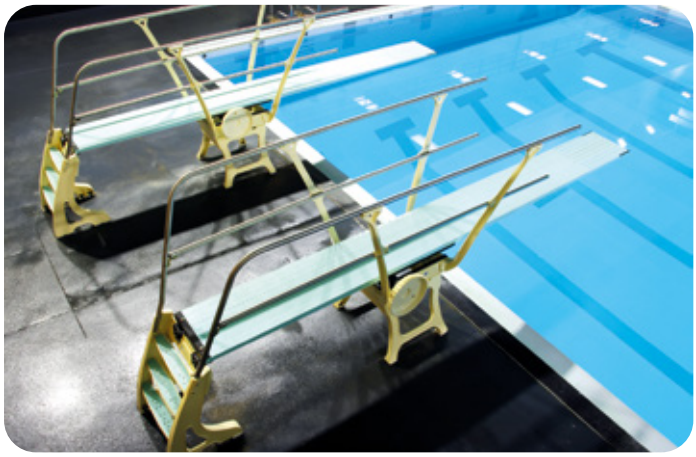
## 1 AND 3 METER STANDS

### 1 Meter Stand

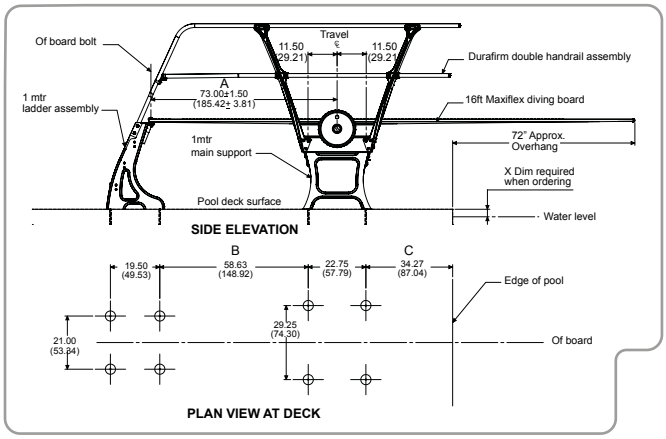
1 Meter Duraflex stand is designed to provide a firm foundation for mounting Duraflex aluminium springboards. The Duraflex stand is the result of a design focused on stability, low noise level and ease of installation.

Duraflex stands have double stainless-steel handrails on both sides. The 1-meter structures are manufactured in five different heights to accommodate various deck-to-water levels. The deck to water dimension of the pool, deck slope and diving board model must be indicated when ordering. This information is used to determine the correct stand height for your facility. Drawings and CAD files can then be provided.





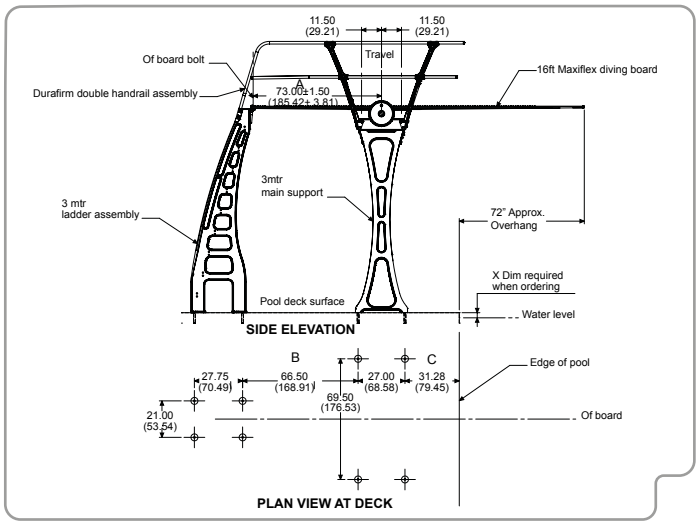
| Code | Description | Weight |
|---|---|---|
| | | (lbs) |
| 1M | 1 Meter Stand with handrails on both sides | 420 |

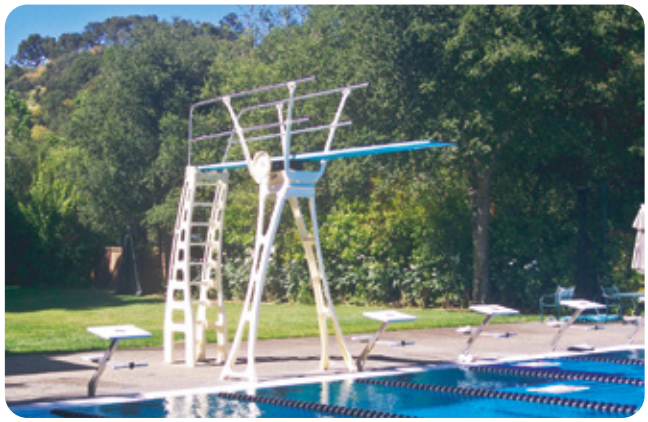



### 3 Meter Stand

The 3 Meter Duraflex stand is designed to provide a firm foundation for mounting Duraflex aluminium springboards. The Duraflex stand is the result of design focused on stability, low noise level and ease of installation. Built-in handrails on the ladder provide a comfortable grip.

Duraflex stands have double stainless-steel handrails on both sides. The 3-meter structures are manufactured in three heights to accommodate various deck to water levels. The deck to water dimension of the pool, deck slope and diving board model must be indicated when ordering. This information is used to determine the correct stand height for your facility. Drawings and CAD files can then be provided.



| Code | Description | Weight |
|---|---|---|
| | | (lbs) |
| 3M | 3 Meter Stand with handrails on both sides | 675 |



# Competition Equipment

## STARTING BLOCKS

### Anti Wave SuperBlock with Track Start

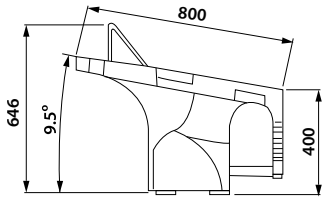
Made of reinforced fiberglass, these are the premium starting blocks for top performance training and competition venues. 800x625 mm anti-slip platform surface with AISI 316 fittings. Backstart handles reinforced with AISI 316 for safety and durability. Compatible with major electronic timing systems (including Omega RBD). Produced using SMC machine moulding, same production method as current Omega OSB block range.

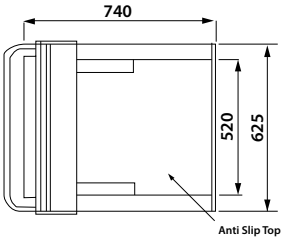



Fina APPROVED

#### 1 Meter Stand

- Movable Track Start, adjustable to 5 positions.
- Durable, long life anti-slip top tread.
- Safe start handles for fast start and safety.



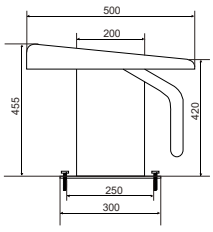




| Code | Description | Length | Weight | Volume |
|---|---|---|---|---|
| | | (mm) | (kg) | (m³) |
| 13034080 | Super Block with Track Start | 400 | 50 | 0,42 |

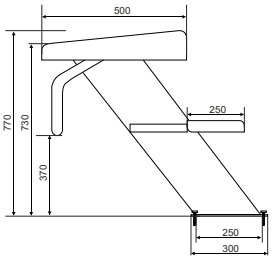
### Starting Block with Adjustable Platform

Made of stainless steel AISI 316 with adjustable platform 500 x 500 mm in polyester and fibreglass with non-slip finish. Plate Anchoring in stainless steel AISI 316 included. Number sequence to be requested separately. Available in two heights – 400 and 700 mm.







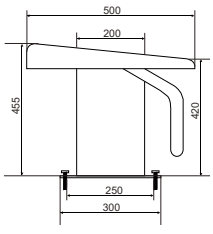




| Code | Description | Length | Weight | Volume |
|---|---|---|---|---|
| | | (mm) | (kg) | (m³) |
| 13034082 | Starting Block 400 MM w/adjustable platform | 400 | 18 | 0,11 |
| 13034083 | Starting Block 700 MM w/adjustable platform | 700 | 32 | 0,34 |

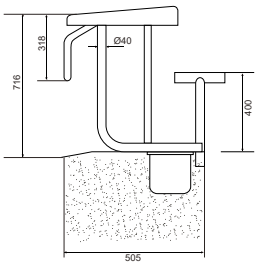
### Atecpool Starting Block with Fixed Platform

Made of stainless steel AISI 316 with fixed platform 500 x 500 mm in polyester and fibreglass with non-slip finish. Tube anchoring in stainless steel AISI 316 not included. Number sequence to be requested separately. Available in two heights – 400 and 700 mm.








| Code | Description | Length | Weight | Volume |
|---|---|---|---|---|
| | | (mm) | (kg) | (m³) |
| 13034084 | Starting Block 400 MM w/fixed platform | 400 | 18 | 0,11 |
| 13034085 | Starting Block 700 MM w/fixed platform | 700 | 32 | 0,34 |

# Competition Equipment

## OLYMPIC POOL ACCESSORIES

### Anti Wave Maxi Lanes

MAXI 150mmØ and MIDI 110mmØ racing lanes are designed for optimal water dissipation and wave control in high turbidity. MAXI 150 mmØ model used in FINA World Cup, Olympic Games and other top venues. Both MAXI and MIDI use cable SS316 with diameter of 3.1mm and max force of 5kN - allowing higher tension and more effective wave dissipation for the world's fastest pools. All discs are made from UV stabilized advanced copolymer thermoplastics.

Anti Wave Lanes MAXI 150mm Ø and MIDI 110mm Ø are supplied fully assembled with SuperTensioner, Long Clamp and SS Hook, ready for installation.









SuperTensioner



Anti Wave Racing Lanes Assembly

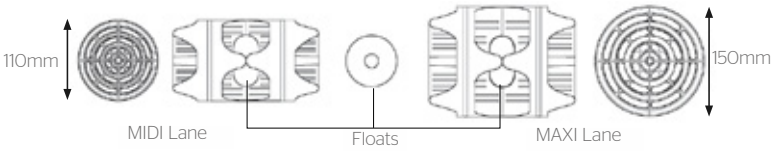


Long Clamp with SS Hook

FINA APPROVED

- Standard colours: Red 5m ends with White and Blue 1 m alternating sections. 25 m Lanes orders have red marks at 15m position, 50 m orders have red marks at the 15 m, and 25 m positions.
- FINA Multicolour available on request

| Code | Description | Length |
|---|---|---|
| | | (m) |
| 13039090 | Float Lane 12,5 MIDI 110 mm Competition | 12,5 |
| 13039094 | Float Lane 25 MIDI 110 mm Competition | 25 |
| 13039095 | Float Lane 50 MIDI 110 mm Competition | 50 |
| 13039077 | Float Lane 25 MAXI 150 mm Competition | 25 |
| 13039067 | Float Lane 50 MAXI 150 mm Competition | 50 |




### Lane Rope Standard

Standard model is available in 25 m, 50 m or any custom length. Lane supplied with doughnut floats dimension Ø68 mm, stainless steel cord 6 mm and a hook.Red and white colour combinations Floats: Polyethylene free from heavy metals.

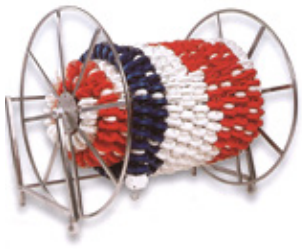


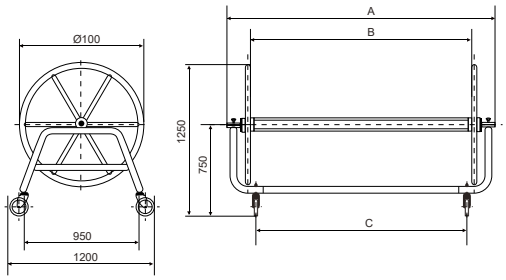
| Code | Description | Length | No. of donut floats |
|---|---|---|---|
| | | (m) | |
| 13039091 | Float Lane 12,5 M STD | 12,5 | 276 |
| 13039092 | Float Lane 25 M STD | 25 | 552 |
| 13039093 | Float Lane 50 M STD | 50 | 1105 |

### Lane Rope Roller

Storage for lane ropes. Made in stainless steel AISI 316 with 4 castor wheels for easy movement. Available in 1200 mm and 1800 mm width.








Capacity - quantity of lane ropes collected in each roller

| Code | Description | A | B | C | Weight | Volume |
|---|---|---|---|---|---|---|
| | | (mm) | (mm) | (mm) | (kg) | (m³) |
| 13037071 | Lane Rope Roller 1200 mm | 1590 | 1200 | 1150 | 9 | 0,07 |
| 13037072 | Lane Rope Roller 1800 mm | 2190 | 1800 | 1750 | 13 | 0,09 |

| Model | 1200 mm | | 1800 mm | |
|---|---|---|---|---|
| | 25m | 50m | 25m | 50m |
| Lane Rope Standard Competition | 4 | 2 | 6 | 3 |
| Lane Rope Standard | 8 | 4 | 12 | 6 |

# Competition Equipment
## OLYMPIC POOL ACCESSORIES

### Lane Rope Anchor

Used for pools with gutter at the floor level. Dimension Ø40 mm, height 165 mm, and made of Stainless Steel AISI 316. Lane anchor to be equipped with a hook for attachment of lane ropes onto the pool deck.



| Code | Description | Height | Weight | Std packing |
|---|---|---|---|---|
| | | (mm) | (kg) | |
| 13037081 | Lane Rope Anchor | 165 | 0,60 | 2 |

### Lane Rope Anchor Cup with central rod

Used for pools with water level below the floor level. Made of S.S. AISI 316. Lane anchor cup to be equipped with a hook for attachment of lane ropes.



| Code | Description | Weight | Std packing |
|---|---|---|---|
| | | (kg) | |
| 13030016 | Lane Rope Anchor w/ Central Rod | 0,8 | 2 |

### Lane Rope Anchor Cup Retractable

Used for pools with water level below the floor level. Made of S.S. AISI 316. Lane anchor cup to be equipped with a hook for attachment of lane ropes.



| Code | Description | Weight | Std packing |
|---|---|---|---|
| | | (kg) | |
| 13030019 | Lane Rope Anchor Cup Retractable | 0,8 | 2 |

### Super Tensioner

Stainless Steel rod with brass ferrule and glass-filled polycarbonate body construction. Cable is SS316 with diameter of 3.1 mm and max force of 5Kn. Body length including lock nut is 230 mm.





| Code | Description | Length |
|---|---|---|
| | | (mm) |
| 13039097 | Lane Rope Tensioner | 230 |

### Overflow Lane Anchor

Overflow Lane Anchor SS 316 has a safe low profile on the pool deck and its 215 mm arm is rubber coated to ensure pool tiles are not damaged.




| Code | Description | Length |
|---|---|---|
| | | (mm) |
| 13037089 | Overflow Lane Anchor | 215 |

### Lane Rope Hook

Made of Stainless Steel AISI 316.



| Code | Description | Weight | Std packing |
|---|---|---|---|
| | | (kg) | |
| 13037082 | Lane Rope Hook | 2 | 25 |

### Lane Rope Ratchet

Made of Stainless Steel AISI 316.

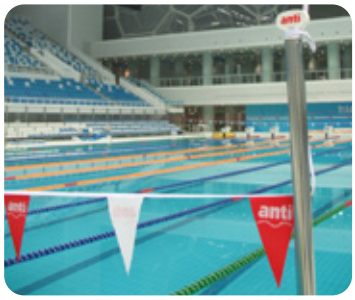


| Code | Description | Weight | Std packing |
|---|---|---|---|
| | | (kg) | |
| 13037090 | Lane Rope Ratchet | 0,8 | 1 |

# Competition Equipment

## OLYMPIC POOL ACCESSORIES

### Backstroke poles and flag set

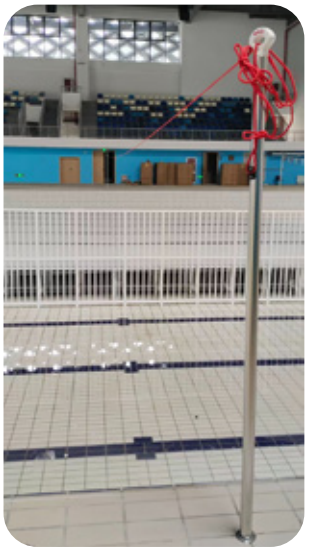


The Anti Wave Back Stroke Pole and Flag Set contains a complete set of FINA/WA Regulation SS Poles, Flags and Ropes and Deck Hole Anchors. Includes:

- 2 x SS316L Back Stroke Poles - 48.3mm diameter with 1.6mm thickness and height 2m
- 1x BackStroke Flags and Rope FINA/WA Regulation
- 2 x Deck Hole Anchors for fixing of Poles

Custom sizes available to suit all pool widths. Custom Flag printing available to suit your pool or club. Meets all FINA/WA competition requirements.

### False start poles and rope set

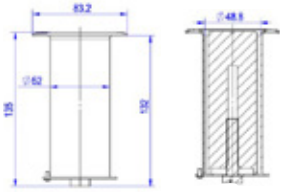


Anti Wave False Start Poles and Rope Set includes stainless steel regulation poles, rope, and anchors, with quick-release clips for fast and clear false start indication. Meets all FINA/WA competition requirements. Includes:

- 2 x SS316L False Start Poles - 48.3mm diameter with 1.6mm thickness and height 2m
- 1x False Start Rope and Fittings
- 2 x Deck Hole Anchor

Deck Hole Anchor

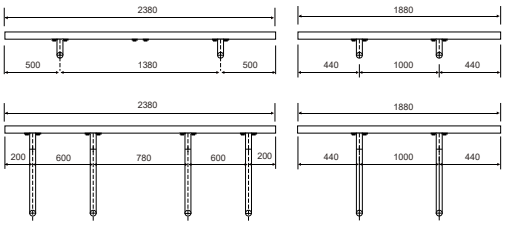


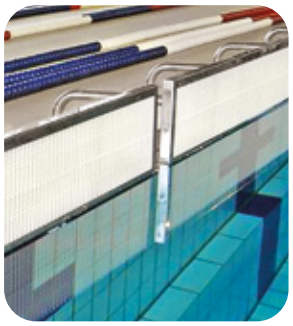


| Code | Model | Description | Weight | Volume |
|---|---|---|---|---|
| | | | kg | m³ |
| 13038039 | Backstroke poles and flag set | SS316L Poles no Jaw x 2, DH Anchor x 2, Flag 25m x 1 | 54 | 0.65 |
| 13038039-1 | Backstroke poles and flag set | SS316L Poles no Jaw x 2, DH Anchor x 2, Flag 12.5m x 1 | 53 | 0.65 |
| 13038032 | False start poles and rope set | SS316L Poles with Jaw x 2, DH Anchor x 2,Rope 25m x 1 | 30 | 0.40 |
| 13038032-1 | False start poles and rope set | SS316L Poles with Jaw x 2, DH Anchor x 2, Rope 12.5m x 1 | 29 | 0.40 |

### Turning Panels

Stainless Steel AISI 316 turning panel with ABS lattice. Height 300 mm. Support not included.

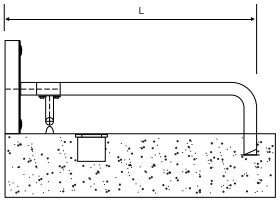


| Code | Description | Weight | Std Packing |
|---|---|---|---|
| | | (kg) | |
| 13034008 | Turning Panel Width 2m | 14,2 | 1 |
| 13034009 | Turning Panel Width 2,5m | 17,1 | 1 |

### Support for Turning Panel

Support for Turning panel in S.S. AISI 316. Custom length (L) based on request. 2 units for each turning panel.






| Code | Description | Weight | Std Packing |
|---|---|---|---|
| | | (kg) | |
| 13034005 | Support for Turning Panel AISI 316 | 5,5 | 1 |

### Anchoring Socket - Flat

Flat anchoring socket in S.S. AISI 316. For Ø43 mm and Ø48 mm post.



| Code | Description | Weight | Std Packing |
|---|---|---|---|
| | | (kg) | |
| 13030015 | Anchoring Socket Flat 43mm | 1,7 | 2 |
| 13030017 | Anchoring Socket Flat 48mm | 1,81 | 2 |

### Anchoring Socket – Angled

Angled anchoring socket in S.S. AISI 316. For Ø43 mm and Ø48 mm post.



| Code | Description | Weight | Std Packing |
|---|---|---|---|
| | | (kg) | |
| 13030018 | Anchoring Socket Angled 43mm | 1,6 | 2 |
| 13030020 | Anchoring Socket Angled 48mm | 1,75 | 2 |

# Competition Equipment

## MOVABLE BULKHEAD

### Anti Wave Motorised Bulkhead AWE043

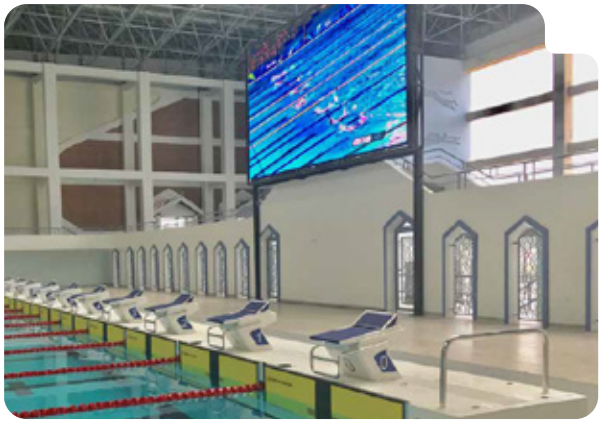
The Anti Wave Movable Bulkhead sets the international standard for Bulkhead pool configuration and programmability. Anti Wave has developed a high-precision corrosion resistant bulkhead that successfully meets all World Aquatics and equivalent competition regulations.

Anti Wave Bulkheads utilise cutting edge FRP production to ensure precision tolerances and a clean aesthetic design that is complementary to the pool.

Bulkhead motorisation facilitates reliable operation for various aquatic activities.



Innovation and Durability • Anti Movable Bulkhead installed Brisbane Valley 1985 and still in service today



Innovation, practicality and durability • Anti Wave Movable World Aquatics compliant Bulkhead, since 1985



FINA World Cup Singapore 2012




Movable Bulkhead




South East Asian Games Venue Bulkhead, 2019



Motorised Bulkhead

# Aquatic Attractions

## WAVE POOL

### Atecpool Wave Pool

A timeless favorite, the Wave Pool remains one of the most sought-after attractions in any water park. Rivaling water slides in popularity, it appeals to visitors of all ages, from young children to adults, making it a must-have feature for any aquatic venue.

Designed to suit a variety of venues, standard wave pools range in size from 150 $m^2$ to 5,000 $m^2$, making them ideal for small, medium, and large-scale water parks, as well as hotels and resorts.

Atecpool Wave Pools are crafted using premium-quality materials, ensuring long-lasting durability and performance. While the system is capable of running continuously throughout the day, operating it in 15–30 minute intervals each hour is recommended. This not only conserves energy but also enhances the overall guest experience by creating anticipation and excitement with each session.

| Wave Chamber No. | Power | Area |
|---|---|---|
| | (kW/h) | ($m^2$) |
| 2 | **40-50** | 120-250 |
| 3 | **40-60** | 150-450 |
| 4 | **50-60** | 350-600 |
| 5 | **60-80** | 450-800 |
| 6 | **90-115** | 600-1000 |
| 8 | **90-115** | 1000-2000 |
| 10 | **120-160** | 1500-2500 |



### Customised Wave Pool Designs

Wave Pools come in a variety of shapes and styles, adding visual appeal and architectural value to any water park. Equipped with a pneumatic wave generation system, these pools can produce waves up to 1.2 meters high—providing a thrilling, ocean-like experience for guests.

The system features an inverter-driven air fan motor, which enhances durability and significantly reduces energy consumption by optimizing motor performance.

Control is made easy through an intuitive electrical panel with a touch screen interface. The user-friendly software includes automatic scheduling options, allowing operators to pre-program up to 8 different wave patterns. These can be set to run at specific times on any day of the week—no manual operation required. Simply ensure poolside safety, and the waves are ready to roll.








# Aquatic Attractions

## LAZY RIVER

### Atecpool Lazy River

A classic yet ever-popular attraction, the Lazy River remains a top choice for water parks worldwide. Competing with slides and wave pools in popularity, it offers a relaxing and enjoyable experience for guests of all ages.

Typically designed in a continuous ring shape with a consistent ground level, Lazy Rivers begin at lengths of 80 meters, with standard widths ranging from 3 to 4 meters.

Thanks to its flexible design, the Lazy River is a perfect addition to small, medium, and large-scale water parks, as well as hotels and resort properties—bringing both leisure and charm to any aquatic environment.



### Architectural Elegance Meets Relaxation

Lazy Rivers not only provide a tranquil guest experience but also enhance the overall aesthetic and layout of any water park or resort. One of the most popular design approaches is routing the river around the perimeter of the park, allowing guests to enjoy a soothing ride while taking in all the entertainment areas.

Standard flow speeds range from 0.4 to 0.6 m/s, with the option to adjust according to specific client needs or operational goals.

Atecpool Lazy Rivers are built using premium-grade materials to ensure long-lasting durability and energy efficiency. Designed for all-day operation, the system boasts low energy consumption thanks to the integration of inverter-driven pumps. These pumps are installed directly within the river channel, minimizing initial investment and maximizing operational efficiency. A standout feature of Atecpool technology is its innovative pipe- and nozzle-free system. This allows for a faster installation process, significantly simplifying civil works and reducing construction costs—making it a smart and efficient choice for any scale of development.













# Aquatic Attractions

## SURF POOL

### Atecpool Surf Pool



Atecpool Surf Pool provides a turnkey solution that includes full engineering, design, and system installation—compatible with both concrete and metal pool bases. Every component is engineered for durability and built to withstand long-term exposure to water and environmental conditions.
The internal structure is constructed from high-quality AISI 304 stainless steel, ensuring exceptional strength and corrosion resistance. The surf surface and surrounding attraction walls are designed to meet the highest safety standards, delivering a secure and exhilarating ride for all users.

Atecpool Surf Pool offers three standard systems with customization options:

- Atecpool Surf Pool Single
- Atecpool Surf Pool Double
- Atecpool Surf Pool Triple

Additionally, special designs are available according to specific needs

### Technical Data

| Code | Power Requirements | Tank Volume | Surfing Surface | Dimensions | Sound |
|---|---|---|---|---|---|
| | | ($m^3$) | WxL (m) | WxL (m) | (dB) |
| **SURF1007** | **140A / 75kw/h / 3 Phase** | 70 | 5,00x8,00 | 7,80x17,20 | 75-85 |
| **SURF2009** | **280A / 150kw/h / 3 Phase** | 110 | 8,00x8,00 | 10,80x17,20 | 75-85 |
| **SURF3008** | **425A / 225kw/h / 3 Phase** | 140 | 10,00x8,00 | 12,80x17,20 | 75-85 |



### Atecpool Surf Pool Single

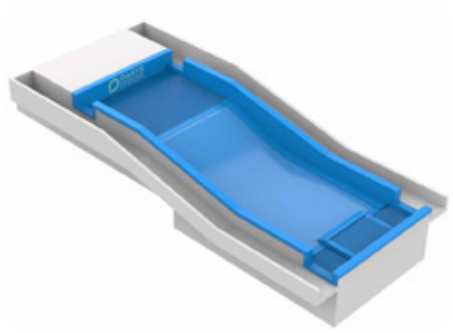
Surf Pool Single is a compact, cost-effective model with a 5-meter-wide surface for one rider. Ideal for smaller indoor venues like hotels and malls, it offers a fun experience with minimal space and operating costs.

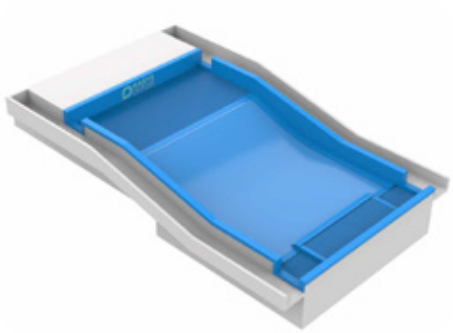
### Atecpool Surf Pool Double

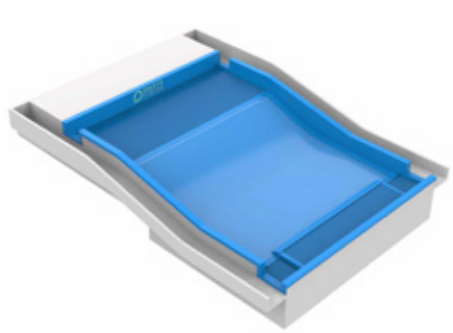
Surf Pool Double is the most popular model in the Atecpool line, offering an 8-meter-wide surface for two riders. Inflatable dividers create two lanes, making it ideal for indoor and outdoor spaces like hotels, malls, and surf clubs. It delivers a fun, visually striking, and group-friendly experience.

### Atecpool Surf Pool Triple

Surf Pool Triple offers extra comfort for 2–3 riders with its 10-meter-wide surface. Inflatable dividers allow it to split into multiple lanes. Ideal for spacious indoor or outdoor venues, it boosts both fun and rider capacity—perfect for water parks, resorts, hotels, and surf clubs.





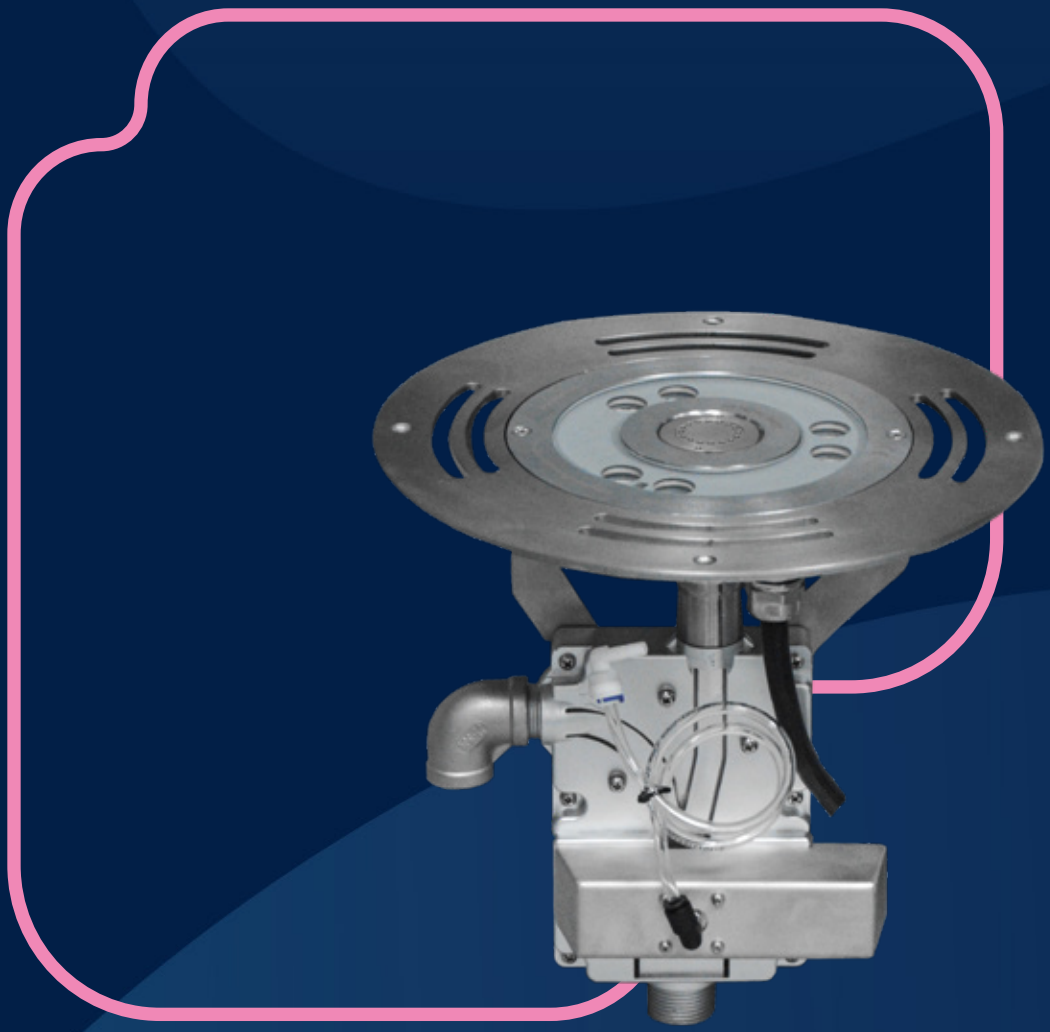


INSPIRED
By Water

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By Water

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# Rainbow Fountain

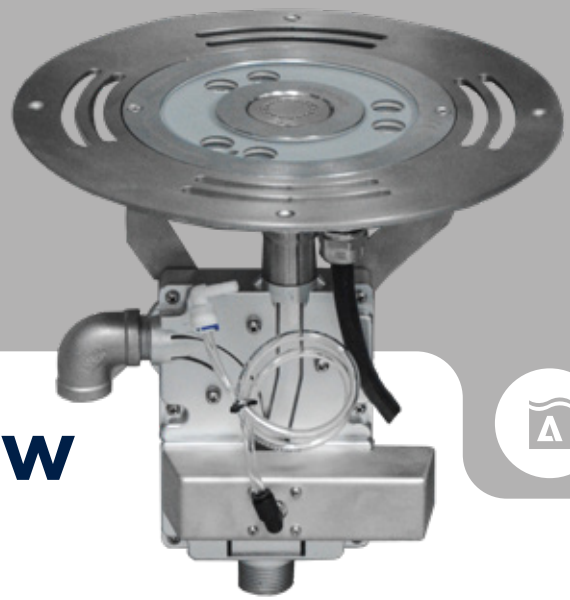
RAINBOW
by ATECPOOL

INSPIRED By Water

ATECPOOL
BWT GROUP

INSPIRED By Water

atecpool.com



# Atecpool Rainbow Fountain

**ATECPOOL Rainbow Fountain** water feature design concept is inspired by the graceful motion of dancing water. With this fundamental idea in mind, the water feature is conceptually designed, engineered to the highest standards, and carefully delivered.

**ATECPOOL Rainbow Fountain** is designed to create a visually captivating effect through the combination of water movement and underwater multicolor LED lighting. Its overall performance is intended to amaze every viewer with its magical water display.

Individual DMX signals ensure optimal LED lighting performance. Water switches are used to improve the uniformity of spray height and the response speed of the water jets. The musical fountain is controlled by the Syncronorm Integrated Control System.

**Rainbow Fountain - magical water**

RAINBOW
by ATECPOOL

# Magical Water

## Creating Life

DISCOVER PRODUCTS:



NOZZLES



INTERACTIVE FOUNTAINS



FOUNTAIN LIGHTING



CONTROLLABLE PUMPS



CONTROLS

# Rainbow Fountain

## PROJECT REFERENCES

RAINBOW

### Bugis Junction Plaza Fountain, Singapore

DMX Control system with 24 aerated jets and 12 jumping jets.





**BUGIS JUNCTION PLAZA FOUNTAIN**

# Rainbow Fountain
## PROJECT REFERENCES

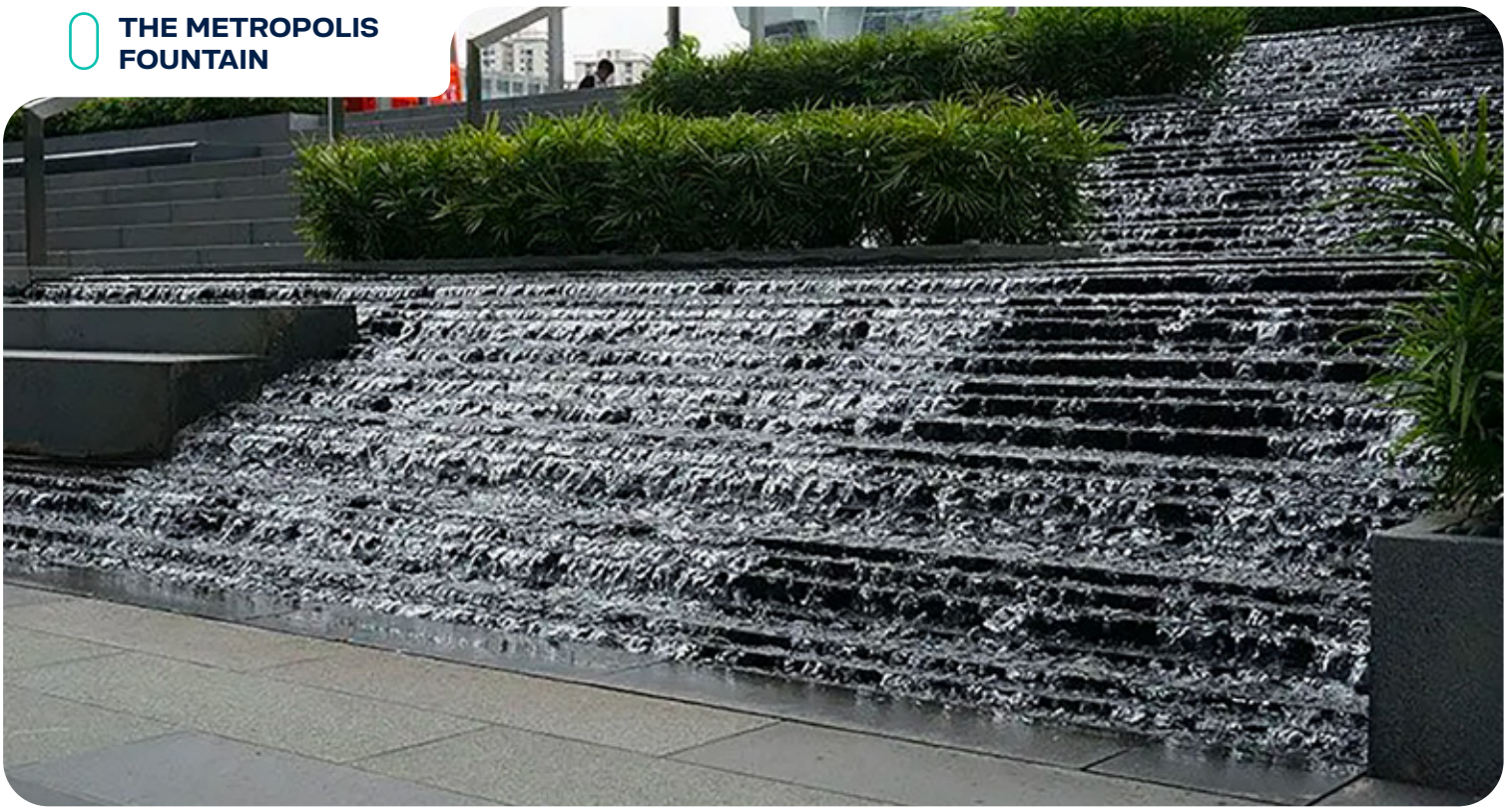
RAINBOW

### The Metropolis, Singapore

Linear array of LED foam effect jets, akin to a red carpet welcome.



**THE METROPOLIS FOUNTAIN**



# Rainbow Fountain

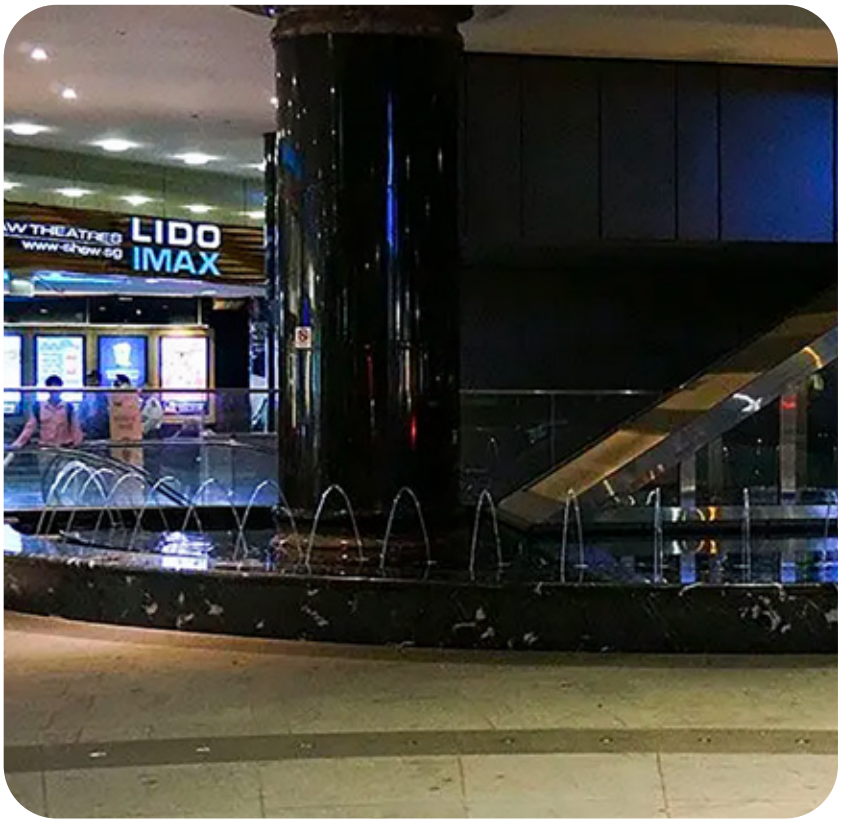
## PROJECT REFERENCES

RAINBOW

### SHAW House, Orchard Road- Singapore

Jumping jets aligned along both sides of the mall entrance, welcoming shoppers.








**SHAW HOUSE**
**ORCHARD ROAD**

# Rainbow Fountain

## PROJECT REFERENCES

RAINBOW

Sadong Jaya, Malaysia

DMX programmed 50 comet nozzle on waterswitch, fully integrated fountain display.



**SADONG JAYA**
**MALAYSIA**





# Rainbow Fountain

## PROJECT REFERENCES

RAINBOW

Pandan Lake, Kuala Lumpur, Malaysia

DMX programmed floating fountain with waterswitch, bringing out night beauty of this lake with color abundance.





**PANDAN LAKE**
**KUALA LUMPUR**

# Rainbow Fountain

## PROJECT REFERENCES

RAINBOW

**Kenjeran Surabaya, Indonesia**

Dancing musical fountain, 64 comet nozzles mounted on water switches with exclusive magical water effects.



**KENJERAN SURABAYA**



# Complete Fountain Solutions

- Concept Design and Development
- 3D Rendering and 3D Animations
- Technical Support and Site Evaluation
- Product offerings and Inventory
- Production and Manufacturing
- Start-Up and Commissioning

1



IMAGINATION

2



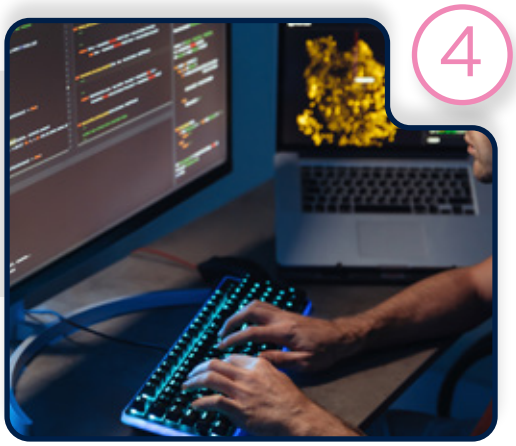
CONCEPT

3



DESIGN

4



INNOVATION

5



QUALITY

# Rainbow Fountain

## COMET NOZZLES

RAINBOW

### Comet Nozzles



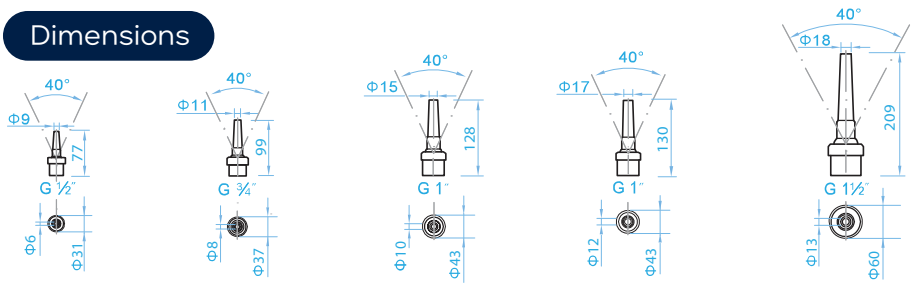


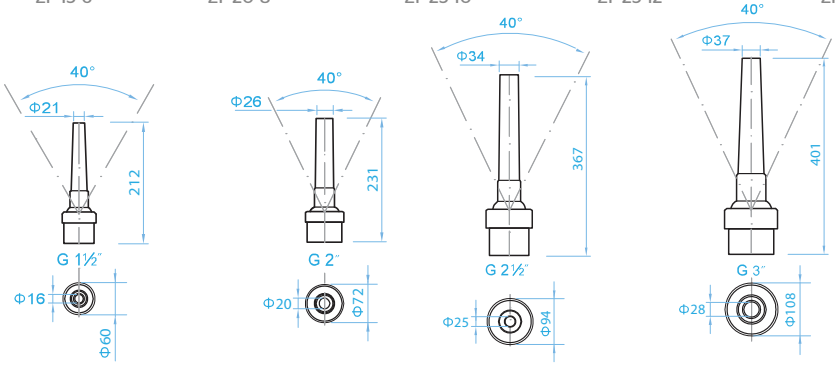
### Specifications

- Stainless steel AISI 316
- Clear stream jet
- Good resistance to wind
- Water level independent
- Adjustable spray angle

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,5 | 2 | 2,5 | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 15 |
| ZF 15-6 | 1/2" | LPM | 7 | 10 | 12 | 15 | 17 | | | | | | | | | |
| | | Head in m | 0,5 | 0,8 | 1 | 1,5 | 2 | | | | | | | | | |
| ZF 20-8 | 3/4" | LPM | 11 | 15 | 19 | 23 | 27 | 31 | 35 | 37 | | | | | | |
| | | Head in m | 0,5 | 1 | 1,5 | 2 | 2,5 | 3 | 4 | 5 | | | | | | |
| ZF 25-10 | 1" | LPM | 18 | 24 | 27 | 32 | 35 | 40 | 46 | 53 | 60 | | | | | |
| | | Head in m | 0,5 | 0,8 | 1 | 1,5 | 2 | 2,5 | 3 | 4 | 5 | | | | | |
| ZF 25-12 | 1" | LPM | 23 | 25 | 27 | 35 | 55 | 58 | 63 | 75 | 87 | 95 | | | | |
| | | Head in m | 0,6 | 0,8 | 1 | 1,5 | 2,1 | 2,5 | 3,5 | 5 | 7 | 8,5 | | | | |
| ZF 40-13 | 1 1/2" | LPM | | | 42 | 46 | 50 | 57 | 63 | 79 | 102 | 120 | 140 | 180 | | |
| | | Head in m | | | 1,4 | 1,8 | 2 | 2,5 | 3 | 4,8 | 7 | 11 | 19 | 23 | | |
| ZF 40-16 | 1 1/2" | LPM | | | | | 80 | 88 | 98 | 118 | 140 | 180 | 200 | 230 | | |
| | | Head in m | | | | | 2 | 2,5 | 3 | 4,5 | 6 | 8 | 10 | 12 | | |
| ZF 50-20 | 2" | LPM | | | | | | | 160 | 200 | 225 | 246 | 270 | 293 | | |
| | | Head in m | | | | | | | 3,5 | 6 | 7,5 | 9,5 | 11,5 | 15 | | |
| ZF 65-25 | 2 1/2" | LPM | | | | | | | 280 | 326 | 369 | 405 | 450 | 490 | 531 | |
| | | Head in m | | | | | | | 4,6 | 6 | 7,5 | 9 | 11 | 16,8 | 22,5 | |
| ZF 80-28 | 3" | LPM | | | | | | | | | 439 | 479 | 552 | 618 | 800 | 880 |
| | | Head in m | | | | | | | | | 7,1 | 8,6 | 12 | 14 | 17 | 25 |

### Dimensions




RAINBOW FOUNTAIN

# Rainbow Fountain

## FOAM AND SINGLE JET NOZZLES

### ZM-Series Foam Nozzle





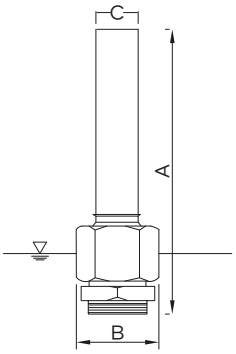
**Specifications**

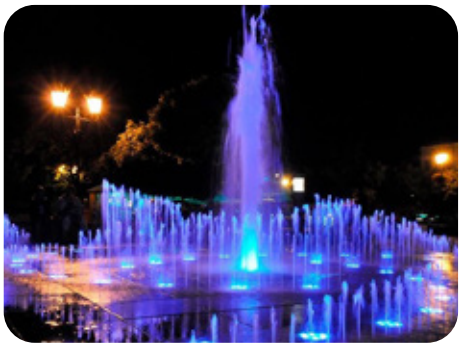
- Stainless steel AISI 316
- Foamy jet
- Good resistance to wind
- Water level dependent
- Adjustable spray angle

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,50 | 2 | 3 | 4 | 5 | 6 |
| ZM15 | 1/2" | LPM | 20 | 28 | 32 | 40 | 46 | 58 | 70 | | |
| | | Head in m | 0,5 | 1,8 | 2 | 3,5 | 4,5 | 7 | 11 | | |
| ZM20 | 3/4" | LPM | 26 | 35 | 38 | 48 | 56 | 69 | 91 | 110 | |
| | | Head in m | 0,6 | 0,8 | 1,2 | 2 | 3 | 4,8 | 8 | 12 | |
| ZM25 | 1" | LPM | 47 | 55 | 65 | 83 | 95 | 112 | 142 | 166 | 180 |
| | | Head in m | 0,7 | 1 | 1,5 | 2,2 | 3,4 | 5,4 | 8 | 10 | 12 |
| ZM40 | 1 1/2" | LPM | 82 | 100 | 112 | 142 | 170 | 220 | 270 | 320 | 370 |
| | | Head in m | 1 | 2 | 3 | 5 | 6 | 11 | 16 | 21 | 26 |

### Single Jet Nozzle





**Specifications**

- Stainless steel AISI 316
- Finger jet
- Good resistance to wind
- Water level independent
- Adjustable spray angle

| Code | BSP. connection | Dimensions (mm) | | | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | A | B | C | | 0,5 | 0,75 | 1 | 1,50 | 2 | 3 | 4 | 5 | 6 |
| ZSJ25 | 1/4" | 73 | 21 | 6,5 | LPM | 6 | 7,16 | 9,33 | 11,3 | - | - | - | - | - |
| | | | | | Head in m | 0,75 | 1,10 | 1,40 | 2 | - | - | - | - | - |
| ZSJ100 | 1" | 161 | 35,6 | 16,2 | LPM | 21,5 | 25,83 | 31,16 | 39,83 | 46,83 | 58,67 | 68,33 | 76,83 | 84,67 |
| | | | | | Head in m | 0,6 | 0,8 | 1,1 | 1,7 | 2,3 | 3,6 | 4,8 | 6,1 | 7,4 |
| ZSJ150 | 1 1/2" | 192 | 54 | 26 | LPM | 42 | 52 | 62,17 | 76,33 | 89 | 110 | 127,67 | 135,67 | 143,33 |
| | | | | | Head in m | 1,6 | ,9 | 1,1 | 1,7 | 1,9 | 3,4 | 4,6 | 5,2 | 5,8 |

# Rainbow Fountain

## FOAM NOZZLE

RAINBOW

### Zg Series Foam Nozzles



ZG25P



ZG25



ZG40



ZG50



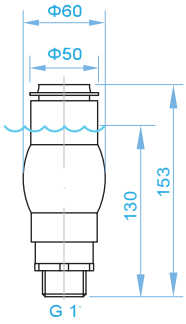


### Foam Nozzles Specifications

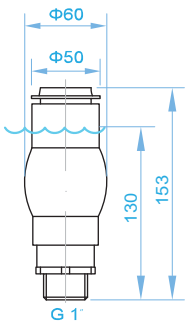
- Stainless steel shell (ZG25P)
- Stainless steel AISI 316 (ZG25, ZG40, ZG50)
- Foamy jet
- Water level dependent
- Optional swivel connector

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,50 | 2 | 3 | 4 | 5 | 6 |
| ZG25P | 1" | LPM | 46 | 60 | 73 | 90 | 100 | 110 | 130 | 160 | 195 |
| | | Head in m | 0,5 | 1 | 1,8 | 2,8 | 5 | 6 | 7 | 9 | 14 |
| ZG25 | 1" | LPM | 46 | 60 | 73 | 90 | 100 | 110 | 130 | 160 | 195 |
| | | Head in m | 0,5 | 1 | 1,8 | 2,8 | 5 | 6 | 7 | 9 | 14 |
| ZG40 | 1 1/2" | LPM | 120 | 144 | 171 | 215 | 256 | 300 | 340 | 398 | 451 |
| | | Head in m | 1 | 1,4 | 1,9 | 2,6 | 3,8 | 4,9 | 6 | 7,5 | 9,5 |
| ZG50 | 2" | LPM | | | 320 | 390 | 450 | 516 | 583 | 716 | 775 |
| | | Head in m | | | 1,5 | 1,8 | 2,1 | 3,2 | 4,5 | 6 | 9 |

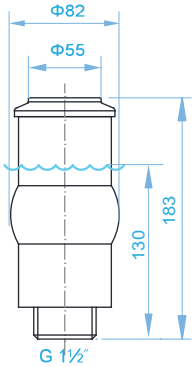
### Dimensions



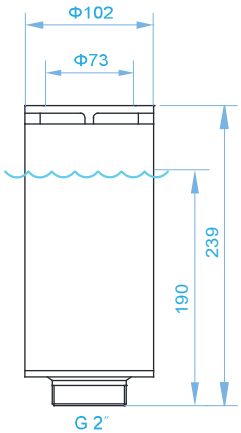

ZG25P




ZG25




ZG40




ZG50

# Rainbow Fountain

## SPHERE AND AERATED NOZZLES

RAINBOW

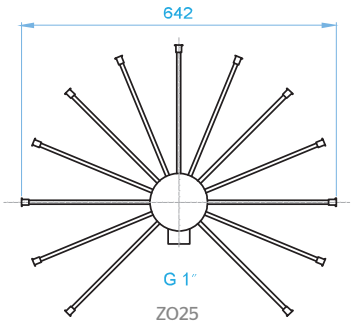
### Sphere Nozzle



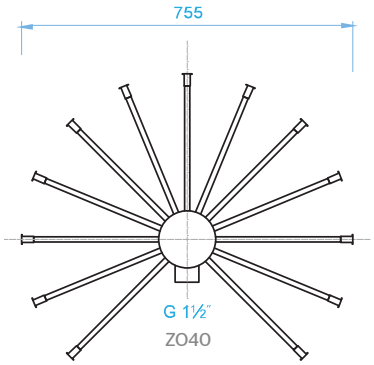


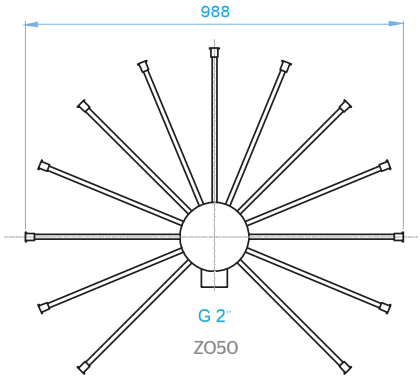
### Sphere Nozzles Specifications

- Stainless steel AISI 316 / Brass plated chrome
- Impressive water display
- Decorative high-grade steel sculpture
- Water level independent




### Dimensions




| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) |
|---|---|---|---|
| | | | 0,5 |
| ZO25 | 1" | LPM | 140 |
| | | Head in m | 2,2 |
| ZO40 | 1 1/2" | LPM | 202 |
| | | Head in m | 2,2 |
| ZO50 | 2" | LPM | 350 |
| | | Head in m | 2,2 |

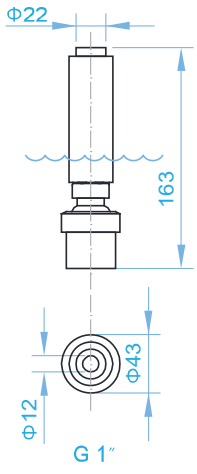
### Aerated Nozzle



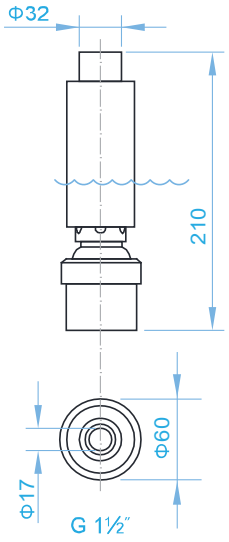
ZMA25



### Dimensions




ZMA25




ZMA40

### Aerated Nozzles Specifications

- Stainless steel AISI 316
- Easy to clean
- Water level dependent

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,50 | 2 | 2,5 | 3 | 4 | 5 | 6 | 7 |
| ZMA25 | 1" | LPM | 20 | 23 | 28 | 36 | 43 | 48 | 53 | 61 | 71 | | |
| | | Head in m | 0,5 | 1 | 1,1 | 1,8 | 2,5 | 3 | 3,8 | 5 | 6,5 | | |
| ZMA40 | 1 1/2" | LPM | 40 | 48 | 55 | 72 | 80 | 92 | 100 | 110 | 120 | 130 | 180 |
| | | Head in m | 1,8 | 2 | 2,2 | 3,2 | 4 | 4,5 | 5,2 | 6 | 7 | 8 | 12 |

# Rainbow Fountain

## VARIETY NOZZLE

RAINBOW

### Variety Nozzle



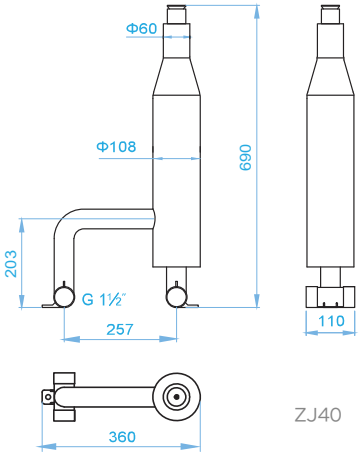


### Variety Nozzles Specifications

- The Variety jet creates a dynamic variable water pattern
- The nozzle is driven by two pumps controlled with VFD
- Compact robust stainless steel AISI 316 Nozzle
- 2 pressure connections
- Nozzle with DN40 nipple

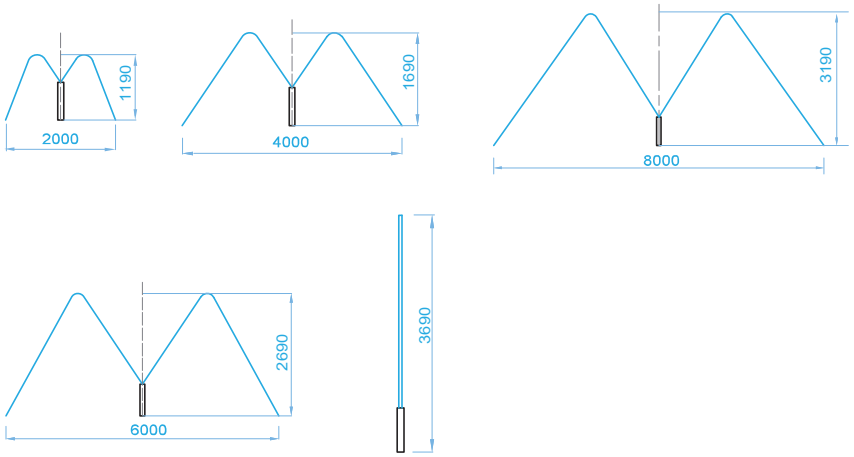
| Code | BSP. connection | Spray Pattern | Flow/Head | SPRAY HEIGHT (m) | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | 0,5 | 1 | 2 | 2,5 | 3 |
| ZJ40 | 1 1/2" | Water Bell | LPM | 80 | 123 | 187 | 220 | |
| | | | Head in m | 1,5 | 3 | 5,7 | 7,4 | |
| | | Single Stream | LPM | | 111 | 170 | | 220 |
| | | | Head in m | | 4 | 6,5 | | 9 |

### Dimensions




ZJ40

### Water Spray Effect




RAINBOW FOUNTAIN

# Rainbow Fountain

## CASCADE NOZZLES

### Cascade Nozzle



ZB Series ZBG Series

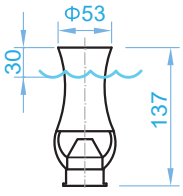


### Cascade Nozzles Specifications

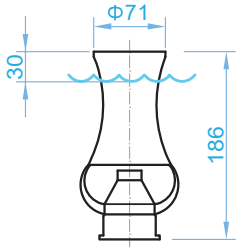
- Stainless steel AISI 316
- Cone-shaped effect
- Foamy effect with rich mixture of air
- Water level dependent
- ZB series with adjustable spray angle

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,25 | 0,5 | 0,75 | 1 | 1,50 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| ZBG25 | 1" | LPM | 35 | 40 | 50 | 55 | 65 | 75 | 80 | 90 | 103 | 130 | | | | |
| | | Head in m | 0,8 | 1 | 2 | 2,1 | 4 | 5,5 | 7 | 11 | 14 | 20 | | | | |
| ZBG40 | 1 1/2" | LPM | 75 | 90 | 105 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 | | | |
| | | Head in m | 1 | 1,5 | 2,5 | 3 | 4 | 6 | 9 | 12 | 14 | 17 | 20 | | | |
| ZB25 | 1" | LPM | 34 | 40 | 48 | 55 | 66 | 74 | 80 | 91 | 103 | 150 | | | | |
| | | Head in m | 0,5 | 1 | 1,5 | 2 | 4 | 5 | 7 | 9 | 11 | 21 | | | | |
| ZB40 | 1 1/2" | LPM | 75 | 90 | 105 | 120 | 130 | 142 | 180 | 220 | 260 | 300 | 340 | | | |
| | | Head in m | 1,5 | 2 | 3 | 4 | 5 | 6 | 10 | 15 | 20 | 25 | 30 | | | |
| ZB50 | 2" | LPM | 101 | 108 | 116 | 125 | 142 | 158 | 192 | 226 | 260 | 294 | 328 | 362 | | |
| | | Head in m | 2 | 2,5 | 3,5 | 4,5 | 5,5 | 7 | 11 | 15 | 19 | 23 | 27 | 31 | | |
| ZB80 | 3" | LPM | | | | 381 | 432 | 484 | 542 | 606 | 670 | 734 | 798 | 862 | 926 | 990 |
| | | Head in m | | | | 4 | 7 | 10 | 13 | 16 | 19 | 22 | 25 | 28 | 31 | 34 |

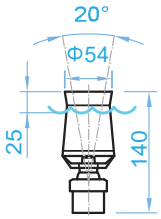
### Dimensions



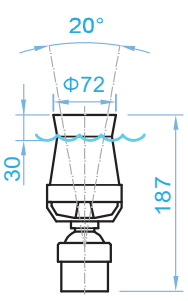

ZBG25



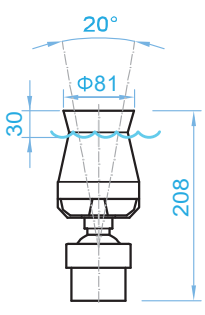

ZBG40



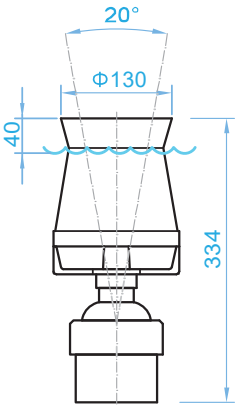

ZB25




ZB40




ZB50




ZB80

# Rainbow Fountain

## FAN NOZZLES / FLAT NOZZLES

RAINBOW

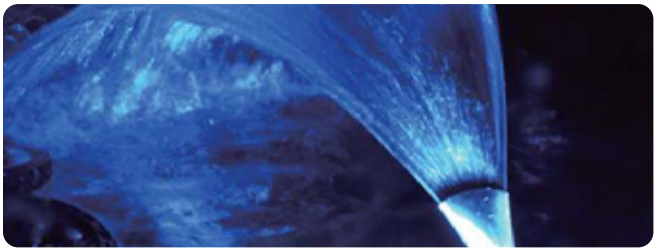
### Fan Nozzles



### Flat Nozzles







### Fan Nozzles Specifications

- Stainless steel AISI 316
- A fan shaped display
- Display a fan-shaped spray pattern with an angled installation.
- Water level independent

### Flat Nozzles Specifications

- Stainless steel AISI 316
- A fan shaped display
- Display an ideal parabolic spray pattern with an angled installation.
- Water level independent

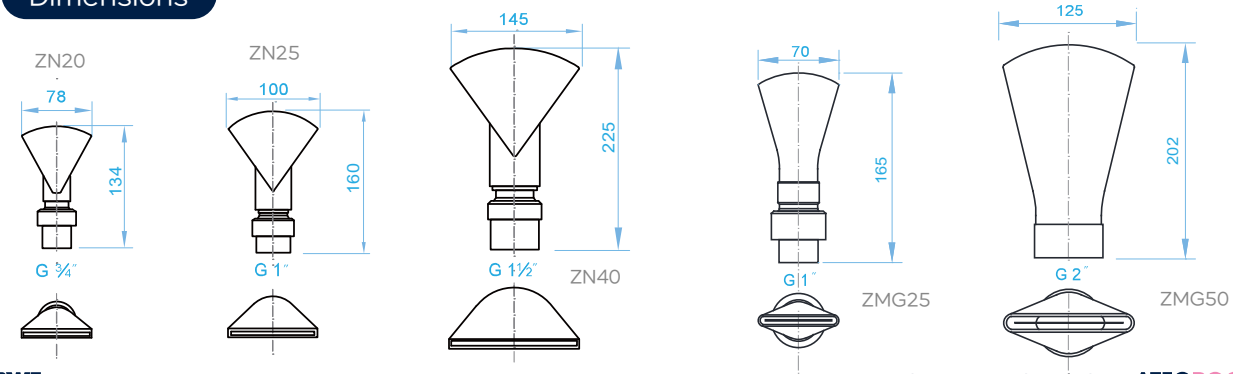
### Atecpool Fan Nozzles

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,50 | 2 | 2,5 | 3 | 4 |
| ZN20 | 3/4" | LPM | 30 | 34 | 36 | 50 | 62 | | | |
| | | Head in m | 0,5 | 0,8 | 1,2 | 1,7 | 2,4 | | | |
| ZN25 | 1" | LPM | 45 | 64 | 72 | 95 | 110 | 138 | 150 | |
| | | Head in m | 0,5 | 0,8 | 1,2 | 1,7 | 2,5 | 3,5 | 4,5 | |
| ZN40 | 1 1/2" | LPM | 59 | 92 | 97 | 120 | 142 | 175 | 190 | 220 |
| | | Head in m | 0,5 | 0,8 | 1,2 | 1,7 | 2,5 | 3,5 | 4,5 | 5,5 |

### Atecpool Flat Nozzles

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,50 | 1,75 | 2 |
| ZMG25 | 1" | SPB (spray width) in m | 1 | 1,5 | 2 | 3 | 3,8 | |
| | | LPM | 94 | 116 | 134 | 165 | 179 | |
| | | Head in m | 0,6 | 1,1 | 1,3 | 1,9 | 2,3 | |
| ZMG50 | 2" | SPB (spray width) in m | 1,5 | | 3 | 4 | | 5,5 |
| | | LPM | 167 | | 234 | 267 | | 367 |
| | | Head in m | 0,5 | | 1 | 1,5 | | 2 |

### Dimensions



# Rainbow Fountain

## WATER FOG AND WATER BELL NOZZLES

### Water Fog Nozzles

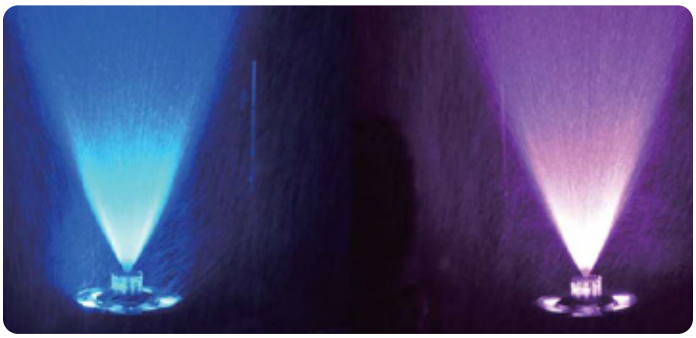


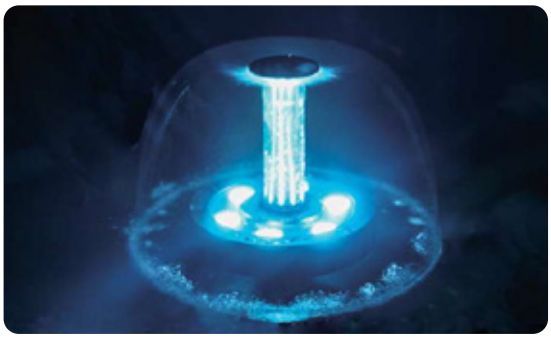
ZW15

### Water Bell Nozzles



ZMN25





### Water Fog Nozzles Specifications

- Stainless steel AISI 316
- Misty romantic water display
- Water level independent

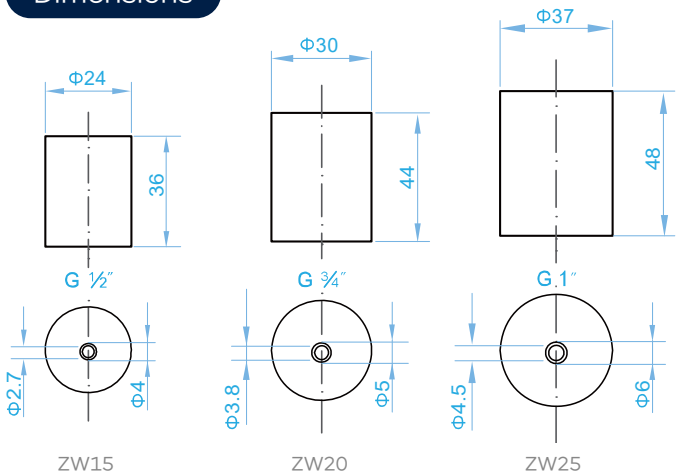
### Water Bell Nozzles Specifications

- Stainless steel AISI 316
- Transparent water film
- Adjustable bell diameter
- Silent running
- Water level independent

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 1,5 | 2 | 2,5 | 3 | 2,5 | 3 |
| ZW15 | 1/2" | LPM | 14 | 22 | 30 | | | 48 | 53 |
| | | Head in m | 7 | 16 | 25 | | | 3 | 3,8 |
| ZW20 | 3/4" | LPM | 17 | 27 | 38 | | | 92 | 100 |
| | | Head in m | 1 | 2 | 3 | | | 4,5 | 5,2 |
| ZW25 | 1" | LPM | 20 | 28 | 35 | 43 | 50 | | |
| | | Head in m | 10 | 17,5 | 25 | 33 | 40 | | |

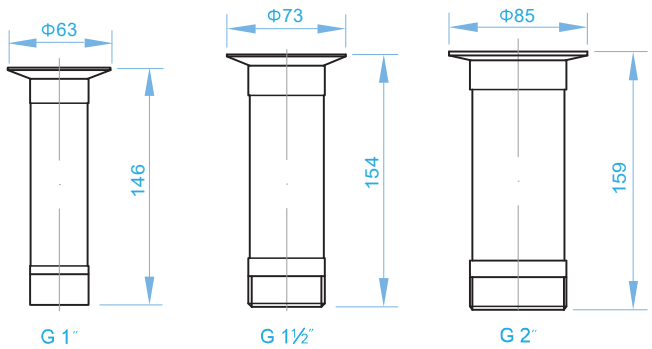
| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | |
|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 0,9 |
| ZMN25 | 1" | LPM | 18 | | |
| | | Head in m | | | |
| ZMN40 | 1 1/2" | LPM | | 35 | |
| | | Head in m | | | |
| ZMN50 | 2" | LPM | | | 38 |
| | | Head in m | | | |

### Dimensions




ZW15 ZW20 ZW25

### Dimensions




ZMN25 ZMN40 ZMN50

# Rainbow Fountain

## CLUSTER NOZZLE

RAINBOW

### ZP - Series Cluster Nozzle



ZP25

### ZPT - Series Cluster Nozzle



ZPT25

### ZP - Series Specifications

- Stainless steel AISI 316 (ZP40,ZP50)
- Stainless steel AISI 316 / Brass plated chrome (ZP25)
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent



### ZPT - Series Specifications

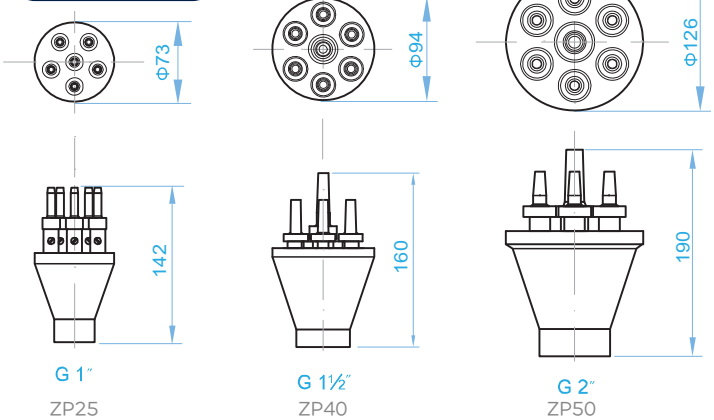
- Stainless steel AISI 316 / Brass plated chrome
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent



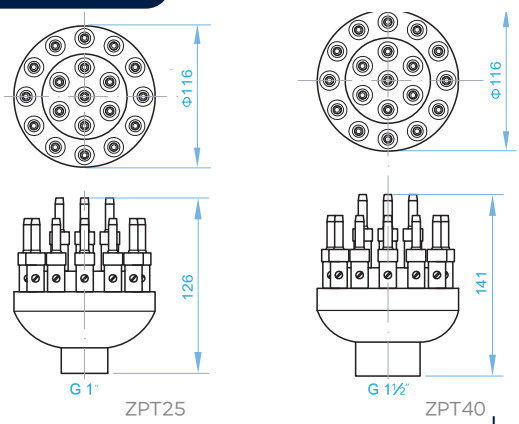
| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,50 | 2 | 2,5 | 3 | 4 |
| ZP25 | 1" | LPM | 16 | 19 | 21 | 26 | 34 | 36 | 43 | 50 |
| | | Head in m | 0,5 | 0,8 | 1 | 1,8 | 2,4 | 2,8 | 4 | 7 |
| ZP40 | 1 1/2" | LPM | 68 | 75 | 89 | 131 | 156 | 172 | 191 | 230 |
| | | Head in m | 0,5 | 0,8 | 1 | 1,5 | 2 | 3 | 4,5 | 6 |
| ZP50 | 2" | LPM | 82 | 108 | 124 | 162 | 190 | 210 | 230 | 250 |
| | | Head in m | 0,5 | 0,8 | 1 | 1,5 | 2 | 3 | 4 | 8 |

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,50 | 2 | 2,5 |
| ZPT25 | 1" | LPM | 50 | 66 | 68 | 85 | 110 | 120 |
| | | Head in m | 0,5 | 1 | 1,2 | 2 | 3,5 | 4 |
| ZPT40 | 1 1/2" | LPM | 50 | 62 | 70 | 90 | 120 | 140 |
| | | Head in m | 0,5 | 1 | 1,2 | 2 | 3,2 | 4 |

### Dimensions




### Dimensions




RAINBOW FOUNTAIN

# Rainbow Fountain

## Z20-12 JUMPING JET

RAINBOW

### Z20-12 Jumping Jet Nozzle



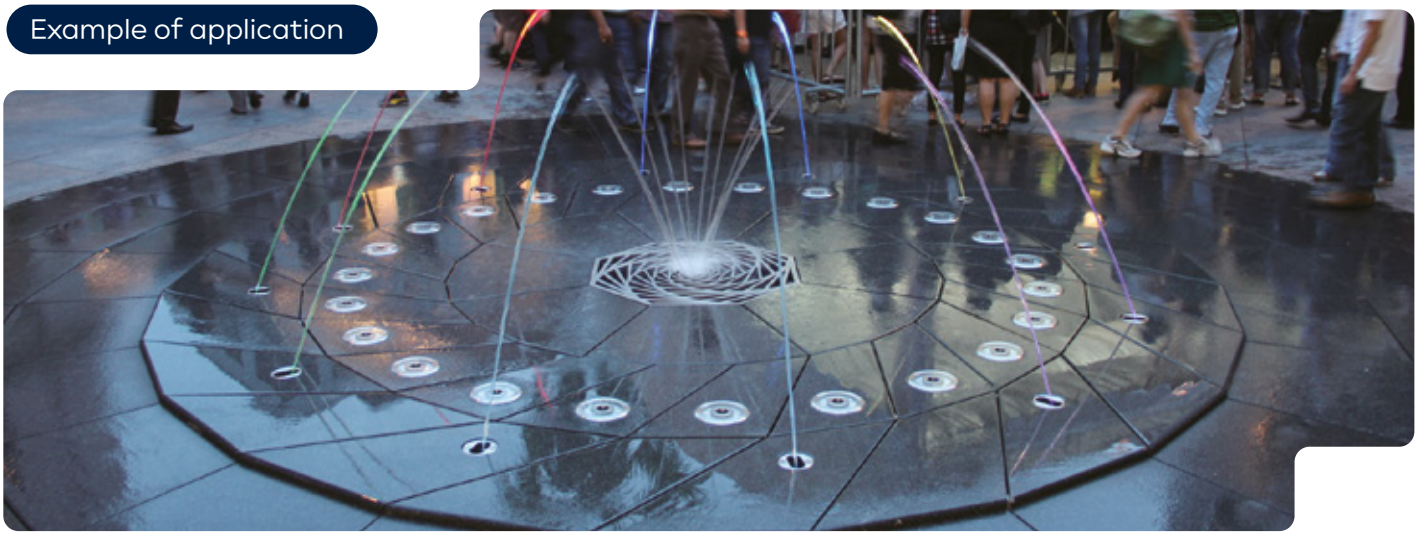
### Water Parabolas



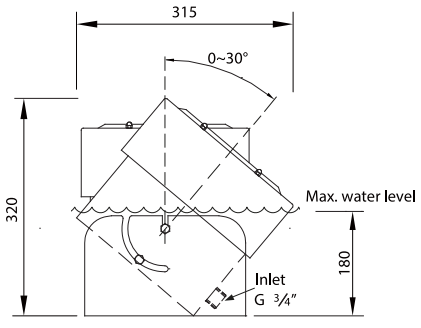

### Z20-12 Jumping Jet Specifications

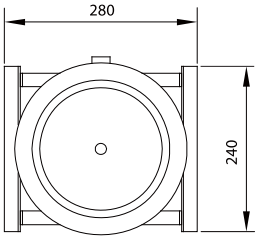
- Effect: laminar water
- Function: cut off
- Orifice: 12mm
- Vertical pivoting range: 0~30°
- Max. pressure: 0.5bar
- Max. flow rate: 50l/min
- Max. water depth: 180mm
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.1A
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 3W
- Light type: LED RGB / white light
- Power cable for LED light: 3m STW 18AWG
- Power cable for stepper motor: 3m STW 18AWG
- Material: stainless steel AISI 316
- Weight: 20kg

### Example of application



### Dimensions




| Characteristics | Z20-12 |
|---|---|
| Rated voltage | 24V DC |
| LED rated power | 3W |
| Power Cable | 3m STW 18AWG |
| Vertical pivoting range | 0~30° |
| Weight | 20kg |
| Orifice | 12 mm |
| Max flow rate | 50 ltr/min |
| Material | Stainless Steel |

# Rainbow Fountain

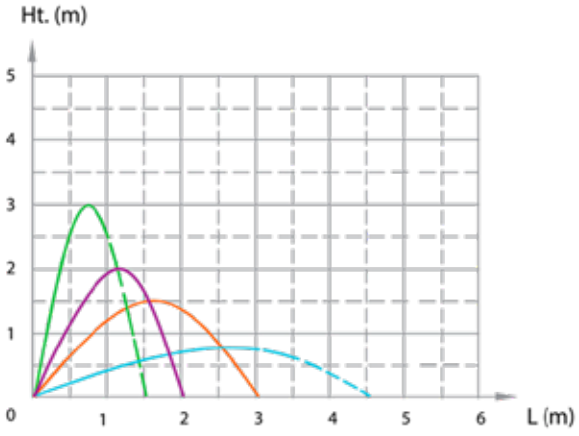
## Z20-12 LAMINAR JET

RAINBOW

### Z20-12 Laminar Jet Nozzle



### Water Parabolas



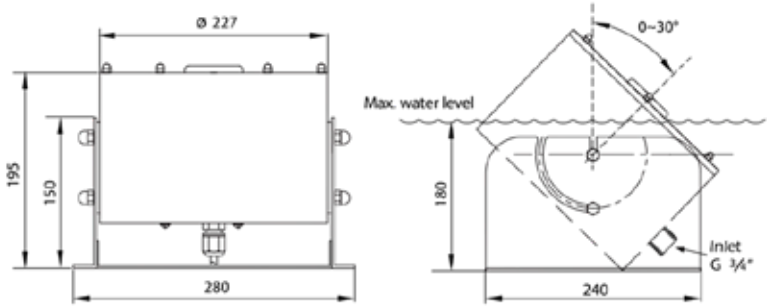

### Z20L-12 Laminar Jet Specifications

- Effect: laminar water
- Orifice: 12mm
- Vertical pivoting range: 0 ~ 30°
- Max. pressure: 0.5bar
- Max. flow rate: 50 l/min
- Max. water depth: 180mm
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 3W
- Light type: LED RGB / white light
- Power cable for LED light: 3m STW 18AWG
- Material: stainless steel AISI 316
- Weight: 17kg

### Example of application



### Dimensions




| Characteristics | Z20L-12 |
|---|---|
| Rated voltage | 24V DC |
| LED rated power | 3W |
| Power Cable | 3m STW 18AWG |
| Vertical pivoting range | 0~30° |
| Weight | 17kg |
| Orifice | 12 mm |
| Max flow rate | 50 ltr/min |
| Material | Stainless Steel |

# Rainbow Fountain

## LED FOAM EFFECT NOZZLE

RAINBOW



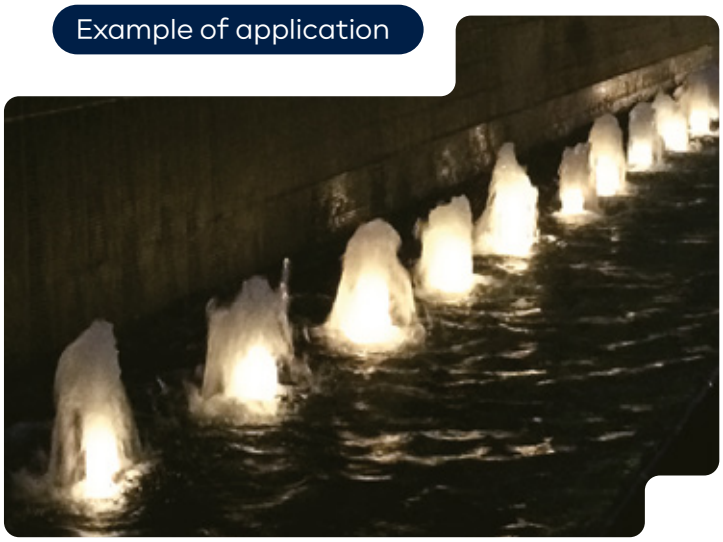
### LED Foam Effect Nozzle

Color Cascade Bubbler nozzle with LED provides vivid mix of color or elegant white. Perfect showcasing for water features at entrance and for step water features. Low voltage and minimal water flow requirement make them an ideal energy efficient additions to waterscapes.

### LED Foam Effect Nozzle Specification

- Located 50mm under water level
- Light type: LED RGB / white light
- Rated voltage: 24 V DC
- Rated power 3W
- Weight 3.6kg
- Power cable for LED light 3m STW 18AWG
- Stainless steel AISI 316 construction with Acrylic nozzle

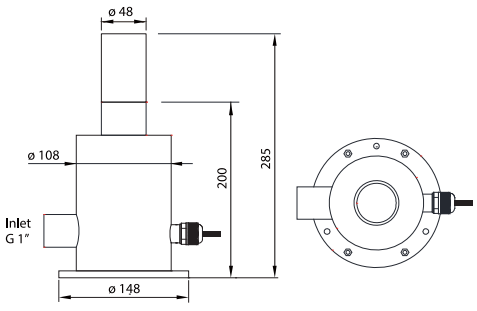
### Example of application





| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 0,15 | 0,25 | 0,35 | 0,5 | 0,6 |
| ZFL 35-40 | 1" | LPM | 40 | 50 | 58 | 65 | 72 |
| | | Head in m | 1,5 | 2,1 | 2,9 | 3,7 | 4,6 |

### Dimensions




ZFL 35-40

### ZFL 35-40 LED Foam Nozzle

| Characteristics | ZFL 35-40 |
|---|---|
| Rated voltage | 24V DC |
| LED rated power | 3W |
| Power Cable | 3m STW 18AWG |
| Weight | 3,6kg |
| Material | Stainless Steel 316 with Acrylic Nozzle |

# Rainbow Fountain

## DECK JET



ZDJ25C



ZDJ35S

### Circular / Square Deck Jets

Flush mounted Deck Jet Nozzle in two shapes, Circular and Square. Nozzle assembly with 360 deg illuminating LED includes different spray effect upon selection of nozzle ( Column or Angle Ring ). LED-Nozzle assembly suitable for dry deck fountain where there is no visible water body but sprayed from nozzles and drained through grate cover surrounding the nozzle assembly.

### Deck Jet Specifications

- Shape: Circular or Square suspended Deck Jets
- Construction: AISI 316 Stainless Steel
- Central Interchangeable Flush Nozzle: Column Nozzle / Angle Ring Nozzle
- Fixing: Designed for mount and anchored on paver.
- LED light cable: 3m STW 18AWG
- LED Light Type: Three Types
  Type 1: AYP36WW/CW (3000K/ 6000K)
  Type 2: AYP36RGB (RGB 3 in 1)
  Type 3: DMX182RGB (RGB 4 in 1)
- Drain: Pre-attached to nozzle assembly.

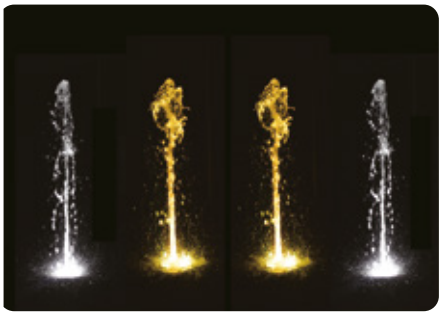
### Deck Jet Column Nozzle ZDJ25C / ZDJ35S

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 |
| ZDJ25C or ZDJ35S | 1" | LPM | 25 | 30 | 35 | 40 | 45 | 60 | 65 |
| | | Head in m | 1,5 | 2,5 | 3 | 3,5 | 5 | 5,5 | 7 |

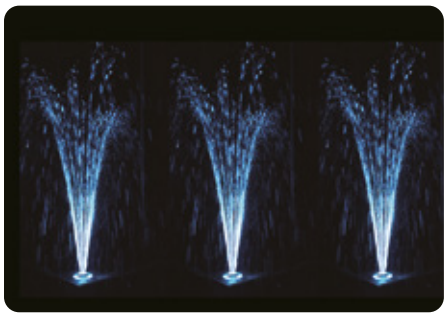
### Deck Jet Angle Ring Nozzle ZDJ25C / ZDJ35S

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 |
| ZDJ25C or ZDJ35S | 1" | LPM | 20 | 25 | 30 | 35 | 40 | 45 |
| | | Head in m | 1 | 1,7 | 2,5 | 3,5 | 4,5 | 5,5 |

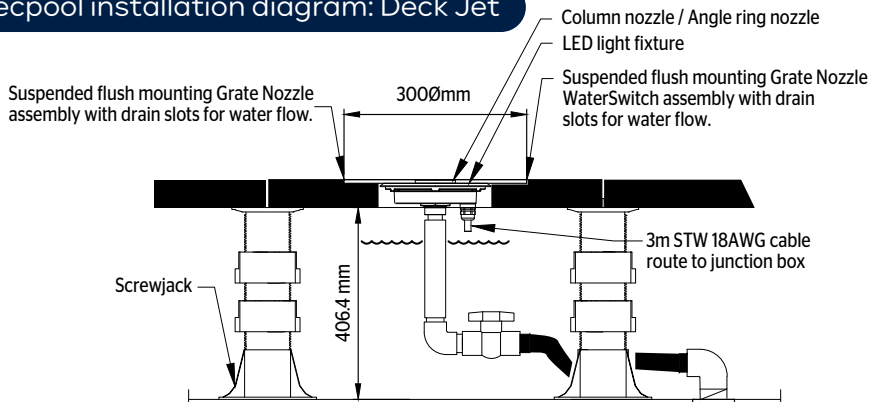
### Column Nozzle Performance



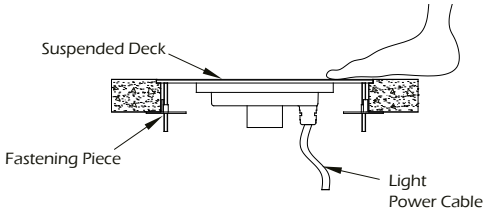
### Angle Ring Nozzle Performance



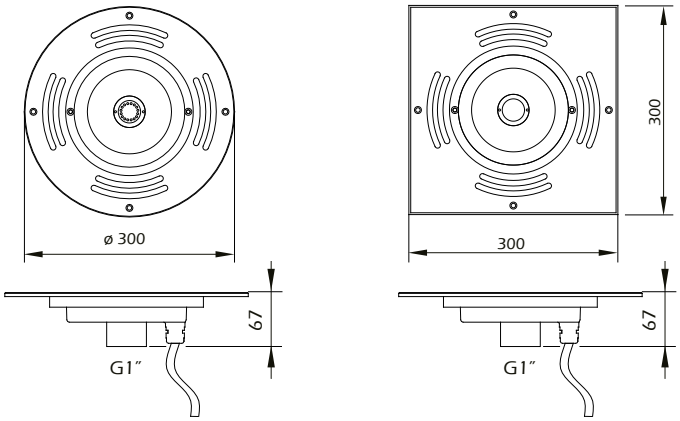
### Atecpool installation diagram: Deck Jet




### Nozzle mounted on paver




### Dimensions



# Rainbow Fountain

## DECK JET WITH WATERSWITCH

RAINBOW

### Circular / Square Deck Jets

**with WaterSwitch**

Flush mounted Deck Jet Nozzle in two shapes, Circular and Square. Nozzle assembly with 360 deg illuminating LED includes programmable (on-off) Waterswitch spray effect. LED-Nozzle assembly suitable for dry deck fountain where there is no visible water body but sprayed from nozzles and drained through grate cover surrounding the nozzle assembly.



ZDJWS25C



ZDJWS35S

### Atecpool Deck Jet + WaterSwitch Specifications

- Shape: Circular or Square suspended Deck Jets with WaterSwitch
- Deck Jet Construction: AISI 316 Stainless Steel
- WaterSwitch Construction: ABS with AISI 316 stainless steel mount
- Central Interchangeable Flush Nozzle: Column Nozzle/Angle Ring Nozzle
- LED Light Type: Three Types
  Type 1: AYP36WW/CW (3000K/ 6000K)
  Type 2: AYP36RGB (RGB 3 in 1)
  Type 3: DMX182RGB (RGB 4 in 1)
- Drain: Pre-attached to nozzle assembly.
- Fixing: Designed for mount and anchored on paver.
- LED light cable: 3m STW 18AWG

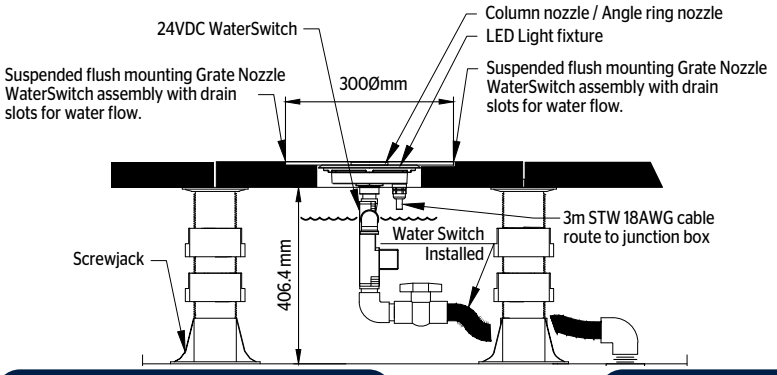
### Deck Jet with WaterSwitch Column Nozzle ZDJWS25C / ZDJWS35S

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 |
| ZDJWS25C or ZDJWS35S | 1" | LPM | 33 | 40 | 46 | 50 | 56 | 61 | 69 | 72 | 75 |
| | | Head in m | 6 | 8,5 | 11 | 13,5 | 14,5 | 18,5 | 23 | 25 | 26,5 |

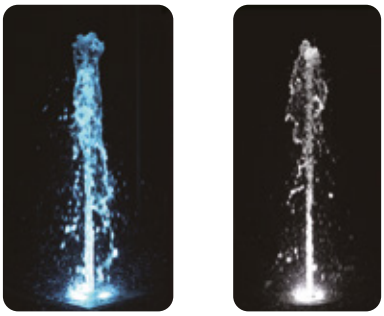
### Deck Jet with WaterSwitch Angle Ring Nozzle ZDJWS25C / ZDJWS35S

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | |
|---|---|---|---|---|---|---|---|
| | | | 0,5 | 1 | 1,5 | 2 | 2,5 |
| ZDJWS25C or ZDJWS35S | 1" | LPM | 25 | 37 | 50 | 55 | 63 |
| | | Head in m | 4 | 7 | 12 | 14 | 16 |

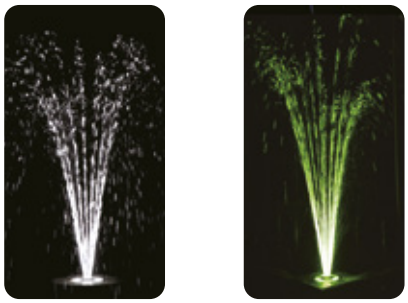
### Atecpool installation diagram: Deck Jet + Water Switch



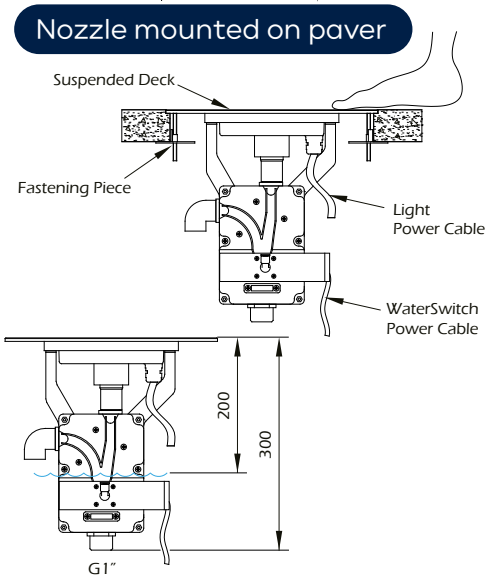

### Column Nozzle Performance



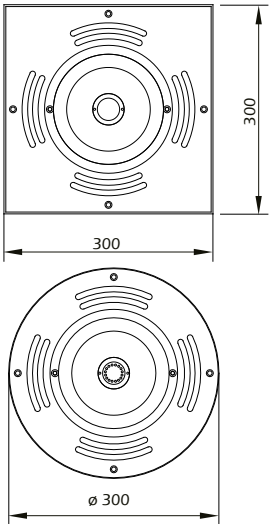
### Angle Ring Performance



### Nozzle mounted on paver




### Dimensions





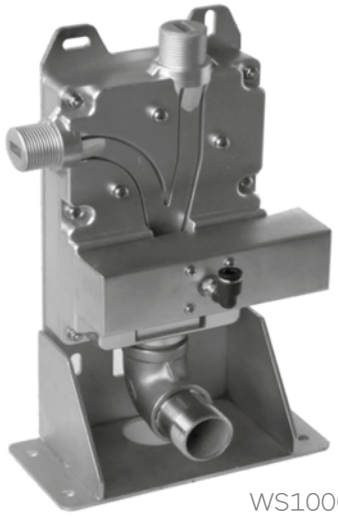

BWT

# Rainbow Fountain

## WATERSWITCH

### WS1000/ WS1500 WaterSwitch

WaterSwitch is a special shifter which can produce dynamic spray variation, designed and engineered for fast acting, electrically operated directional water changing assembly. WaterSwitch allows on-off programming of an attached spray nozzle. Interactive fountain displays with programmable WaterSwitch gives various harmonious water effects.



WS1000

### WaterSwitch Specifications

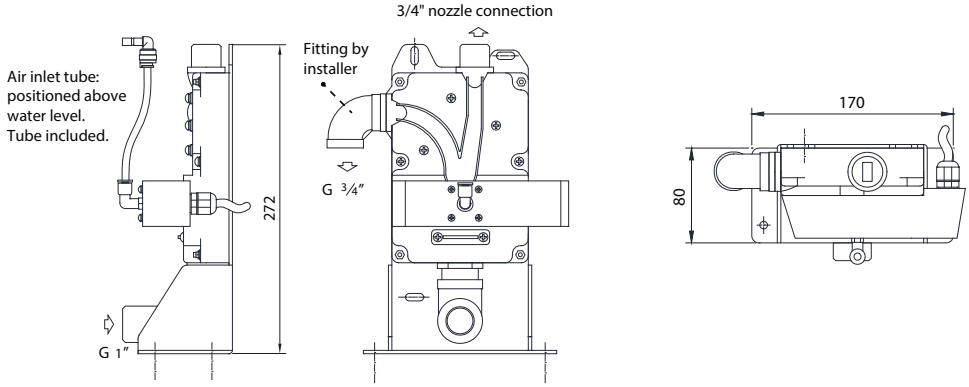
- Construction : ABS with AISI 316 stainless steel mount
- WS1000 with Inlet Connection 1" and two Discharge Connections of 3/4".
- WS1500 with Inlet Connection 1.5" and two Discharge Connections of 1.5".
- 24V DC 10W Solenoid valve, actuation speed up to 1 /12 second
- Can be mounted on ground or suspended on horizontal or vertical bracket
- 3 meter cable SJTOW 18AWG

| Code | Description | Inlet | Outlet (2 nos) |
|---|---|---|---|
| WS1000 | WaterSwitch 24V DC/10W | 1" | 3/4" |
| WS1500 | WaterSwitch 24V DC/10W | 1.5" | 1.5" |

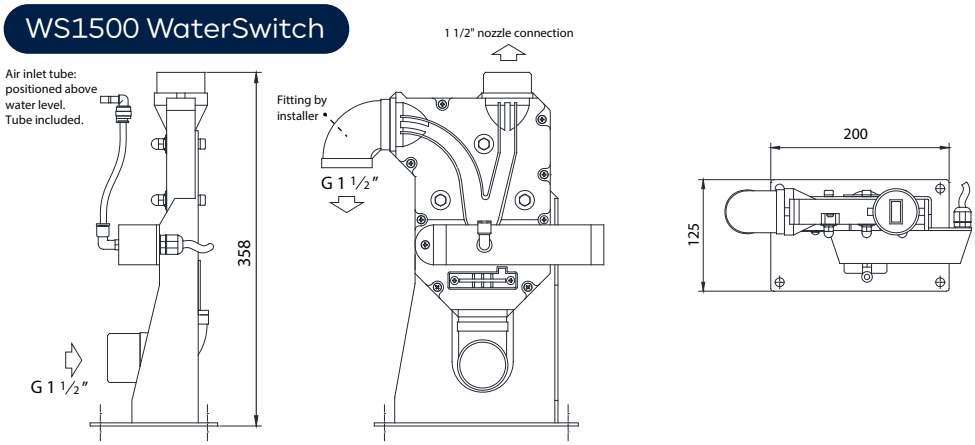
| Characteristics | WS1000 | WS1500 |
|---|---|---|
| Rated voltage | 24V DC | 24V DC |
| Power Consumption | 10W | 10W |
| Power Cable | 3m STW 18/ 3AWG | 3m STW 18/ 3AWG |
| Switching Speed | 1/12 seconds | 1/12 seconds |
| Weight | 2.9kg | 3.8kg |
| Inlet connection | 1" | 1.5" |
| Outlet connection (2 nos) | 3/4" | 1.5" |

### Dimensions

#### WS1000 WaterSwitch




#### WS1500 WaterSwitch



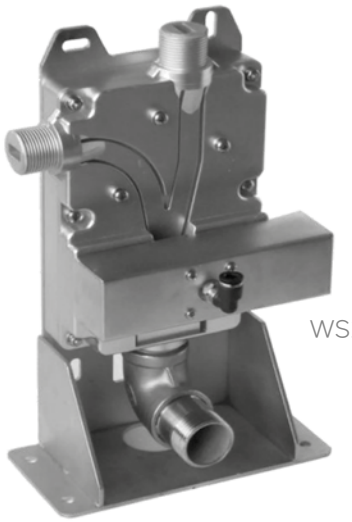
# Rainbow Fountain

## WATERSWITCH ASSEMBLY

RAINBOW

### WaterSwitch WS1000 Assembly

WaterSwich assembly requires nozzle, pump and control systems. Assembly can also include Ring Fountain LED. Fine screening of nozzles is required and mesh size of 0.4 mm or smaller required for debris removal at nozzle.



WS1000



### WaterSwitch WS1000

**with Finger Nozzle**

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 1 | 1,5 | 2 | 2,5 | 3 |
| WS1000+ZR25 | 1" | LPM | 24 | 35 | 50 | 55 | 60 | 70 |
| | | Pressure demand (bar) | 0,2 | 0,7 | 1,2 | 1,6 | 1,9 | 2,6 |



### WaterSwitch WS1000

**with Comet Nozzle**

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 1,5 | 2 | 3 | 4 | 5 | 6 |
| WS1000+ZF25-12 | 1 " | LPM | 25 | 34 | 37 | 47 | 58 | 68 | 75 |
| | | Pressure demand (bar) | 0,5 | 0,6 | 0,8 | 1,2 | 1,8 | 2,4 | 3 |
| WS1000+ZF40-13 | 1.5" | LPM | 33 | 40 | 47 | 60 | 70 | 80 | |
| | | Pressure demand (bar) | 0,5 | 0,8 | 1,1 | 1,7 | 2,2 | 2,8 | |
| WS1000+ZR40-16 | 1.5" | LPM | 44 | 52 | 60 | 78 | | | |
| | | Pressure demand (bar) | 1 | 1,5 | 2 | 3 | | | |



### WaterSwitch WS1000

**with Foam Nozzle**

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 |
| WS1000+ZM15 | 1/2" | LPM | 21 | 33 | 40 | 46 | 52 | 59 | 65 | 70 |
| | | Pressure demand (bar) | 0,3 | 0,6 | 0,9 | 1,2 | 1,4 | 1,8 | 2,2 | 2,5 |
| WS1000+ZM20 | 3/4" | LPM | 26 | 37 | 44 | 50 | 55 | 63 | 78 | |
| | | Pressure demand (bar) | 0,4 | 0,7 | 1 | 1,4 | 1,7 | 2,1 | 3 | |
| WS1000+ZM25 | 1" | LPM | 42 | 60 | 70 | | | | | |
| | | Pressure demand (bar) | 1 | 2 | 2,6 | | | | | |

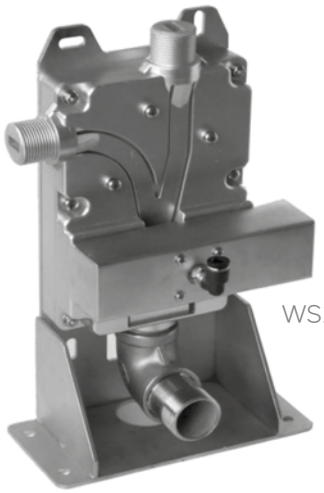
# Rainbow Fountain

## WATERSWITCH ASSEMBLY

RAINBOW

### WaterSwitch WS1500 Assembly

WaterSwich assembly requires nozzle, pump and control systems. Assembly can also include Ring Fountain LED. Fine screening of nozzles is required and mesh size of 0.4 mm or smaller required for debris removal at nozzle.



WS1500



### WaterSwitch WS1500

**with Annular Nozzle**

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 3 |
| WS1500+ZA25 | 1 " | LPM | | | 90 | 107 | 150 | 70 |
| | | Pressure demand (bar) | | | 1 | 1,3 | 2,2 | 2,6 |
| WS1500+ZA40 | 1.5" | LPM | | 80 | 95 | 112 | | |
| | | Pressure demand (bar) | | 0,8 | 1,1 | 1,4 | | |



### WaterSwitch WS1500

**with Comet Nozzle**

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 4 | 4,5 | 5 | 6 | 7 | 8 | 9 |
| WS1500+ZF40-13 | 1.5" | LPM | 90 | 97 | 117 | 125 | 135 | 155 | 190 |
| | | Pressure demand (bar) | 1 | 1,1 | 1,5 | 1,7 | 1,9 | 2,3 | 3,4 |
| WS1500+ZF40-16 | 1.5" | LPM | 100 | 115 | 123 | 130 | 150 | 190 | 220 |
| | | Pressure demand (bar) | 1,25 | 1,5 | 1,6 | 1,85 | 2,15 | 3,4 | 4,2 |



### WaterSwitch WS1500

**with Foam Nozzle**

| Code | BSP. connection | Flow/Head | SPRAY HEIGHT (m) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 0,5 | 0,75 | 1 | 1,5 | 2 | 2,5 | 3 | 3,5 | 4 |
| WS1500+ZF20 | 3/4" | LPM | | | | | | 90 | 100 | 106 | 111 |
| | | Pressure demand (bar) | | | | | | 1 | 1,1 | 1,2 | 1,4 |
| WS1500+ZF25 | 1" | LPM | | 80 | 92 | 100 | 110 | 125 | 140 | 154 | 162 |
| | | Pressure demand (bar) | | 0,8 | 1,1 | 1,3 | 1,5 | 1,7 | 1,9 | 2,3 | 2,7 |
| WS1500+ZF40 | 1.5" | LPM | 82 | 108 | 120 | 140 | 160 | 190 | | | |
| | | Pressure demand (bar) | 0,8 | 1,4 | 1,65 | 2 | 2,4 | 3,4 | | | |

# Rainbow Fountain
## LIGHTING

### Fountain Ring LED - AYP and AY Pro Series



AYP Series

Atecpool AYP and AY Pro Series is the ultimate lighting solution for all animated fountains. The ring lights spot a G 1.5" threaded connection at its centre where a nozzle can be directly attached. With a 10mm thick tempered glass cover and a IK rating of 9, the underwater ring light is perfect fixture when used totally immersed in water fountains. AYP Series lights can be programmed to dim, colour- change and synchronize to create infinite combinations of kaleidoscopic displays. AYP series is designed exclusively for underwater use. For dry deck installations, select AY Pro Series instead.



AY Pro Series



### Specifications

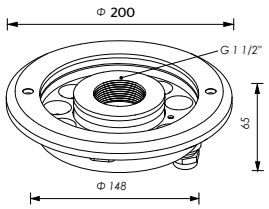
- Housing: Stainless Steel AISI 316 grade.
- Gasket: silicone gasket
- Light Window: step tempered glassT=10mm.
- Cable gland: IP-68 PG-11 copper with nickel-coated.
- IK rating: 09
- Power cable: 3m STW 18AWG
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity > 2.0w/mk
- Application environment: Water temp. between -20C° ~ 50C° less than 1 meter depth
- Underwater lighting fixture, to be submerged for AYP series
- For dry deck application select AY Pro series



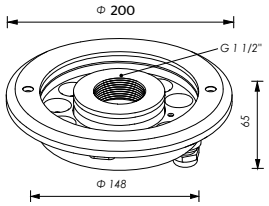
### AYP27 and AYP36 Specifications

| Code | Description | Beam Angle | Input Voltage | Power | Lumen | Color Temperature |
|---|---|---|---|---|---|---|
| | | | (V) | (W) | (lm) | |
| **AYP27WW** | AYP 9 LED Warm White | 30° | 12V AC | 9x3 | 1880 | 3000K / Warm White |
| **AYP27CW** | AYP 9 LED Cool White | 30° | 12V AC | 9x3 | 2120 | 6500K / Cool White |
| **AYP27RGB** | AYP 9 LED RGB | 30° | 24V DC | 9x3 | 1450 | RGB (3 in 1) |
| **AYP36WW** | AYP 12 LED Warm White | 30° | 12V AC | 12x3 | 2600 | 3000K / Warm White |
| **AYP36CW** | AYP 12 LED Cool White | 30° | 12V AC | 12x3 | 3300 | 6500K / Cool White |
| **AYP36RGB** | AYP 12 LED RGB | 30° | 24V DC | 12x3 | 1750 | RGB (3 in 1) |

### Dimension for AYP




### Dimension for AY PRO




### AY Pro Specifications

| Code | Description | Beam Angle | Input Voltage | Power | Lumen | Color Temperature |
|---|---|---|---|---|---|---|
| | | | (V) | (W) | (lm) | |
| **AYPRO24WW** | AY Pro 12 LED Warm White | 25° | 24V DC | 12x2 | 1610 | 3000K / Warm White |
| **AYPRO24CW** | AY Pro 12 LED Cool White | 25° | 24V DC | 12x2 | 2067 | 6500K / Cool White |

# Rainbow Fountain

## LIGHTING

### Fountain Ring LED - DMX Series



DMX182RGB

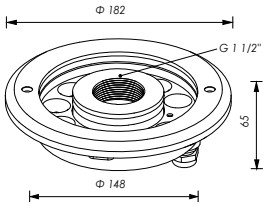
Atecpool DMX Series, DMX controlled light is the top end lighting solution for all animated fountains. The ring lights spot a G 1 1/2" threaded connection at its centre where a nozzle can be directly attached. With a 10mm thick tempered glass cover and a IK rating of 9, the underwater ring light is prefect fixture for dry deck fountains. DMX Series lights can be programmed with DMX512 / RDM signals to dim, colour- change and synchronize to create infinite combinations of kaleidoscopic displays.



### Specifications

- Housing: Stainless Steel AISI 316 grade.
- Light Window: step tempered glass. T=10mm.
- Cable gland: IP-68 PG-11 copper with nickel-coated.
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity ≥ 2.0w/mk.
- Application environment: water temperature between -20C° ~ 50C° less than 1 meter depth.
- Power cable: 3m STW 18AWG
- IK rating: 9
- Signal type: DMX512/RDM signal

### Dimensions DMX182RGB



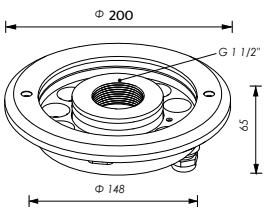

### Illuminance at a distance DMX182RGB

| Distance (m) | Center Beam (LUX) | Angle | Beam Width (V) | Beam Width (H) |
|---|---|---|---|---|
| 2m | 1124.77 LUX | | 0.8m | 0.8m |
| 4m | 281.19 LUX | | 1.6m | 1.7m |
| 6m | 124.97 LUX | | 2.4m | 2.5m |
| 8m | 70.30 LUX | | 3.3m | 3.3m |
| 10m | 44.99 LUX | | 4.1m | 4.1m |
| 12m | 31.24 LUX | | 4.9m | 5.0m |

### Illuminance at a distance DMX200RGB

| Distance (m) | Center Beam (LUX) | Angle | Beam Width (V) | Beam Width (H) |
|---|---|---|---|---|
| 2m | 1124.77 LUX | | 0.8m | 0.8m |
| 4m | 281.19 LUX | | 1.6m | 1.7m |
| 6m | 124.97 LUX | | 2.4m | 2.5m |
| 8m | 70.30 LUX | | 3.3m | 3.3m |
| 10m | 44.99 LUX | | 4.1m | 4.1m |
| 12m | 31.24 LUX | | 4.9m | 5.0m |

### Dimensions DMX200RGB




| Code | Description | Beam Angle | Input Voltage | Typical Operating Current | Typical Consumption | Typical luminance | IK rating |
|---|---|---|---|---|---|---|---|
| | | | (V) | (mA) | (W) | (lm) | |
| **DMX182RGB** | DMX 6x4W RGBW 4in1 Full color | 25° | 24V DC | 916 | 22 | 1127 | 9 |
| **DMX200RGB** | | 25° | 24V DC | 916 | 22 | 1127 | 9 |

# Rainbow Fountain
## LIGHTING

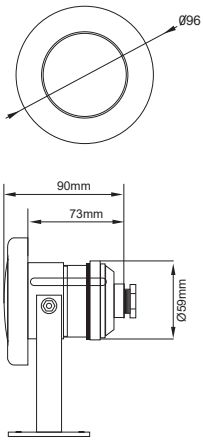
RAINBOW

### Atecpool Lumina Fountain LED Panel Lighting S.S. 316

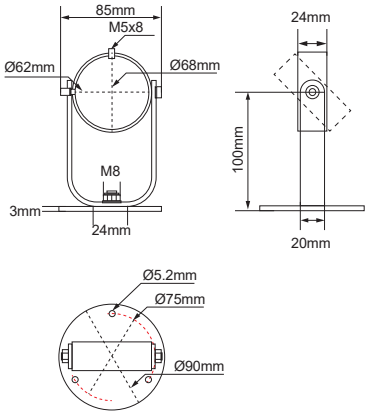
Lumina Fountain lighting in stainless steel AISI 316 construction. Supplied with S.S. Stand. Fully resin filled panel LED offering sixteen colour changing function in RGB mode. Light available in RGB, Cool White, Warm White and Blue colour options. RGB Lights are synchronized using Atecpool LED Modulators with remote control system. Maximum power consumption of 9W and can be connected to a 12V/AC transformer.



20555 RGB






### Specifications

- Electrical Connection: 12V AC
- Complete with 2 core 2x1.0 mm² cable
- Material of construction: S.S. AISI 316L
- Protection Class: IP68
- Lamp Life: Approx. 60.000 hrs
- Supplied with 2m cable
- 16 programs with synchronized capability

### Features

- Consumes 90% less energy than traditional lighting.
- Eco-friendly, no radiation.
- Low power consumption, low heat dissipation.
- Light transmission rate up to 92%.
- PWM technology adopted
- Adjustable angle stand AISI 316

### LED Modulator



2 CORE connection -WITH REMOTE CONTROL-

Easy Colour Picker

Fast Return on Investment

International Safety Tested IEC EN 60598-2-18

| Code | Description | Power / Voltage | Lumen | Color Temperature |
|---|---|---|---|---|
| | | | (lm) | |
| **20555RGB** | Lumina Fountain LED S.S RGB | 9W / 12V | 400 | RGB 16 Mode |
| **20555CW** | Lumina Fountain LED S.S Cool White | 9W / 12V | 720 | 6500K |
| **20555WW** | Lumina Fountain LED S.S Warm White | 9W / 12V | 640 | 3000K |
| **20555B** | Lumina Fountain LED S.S Blue | 9W / 12V | 220 | Single Blue |



2 years warranty

**Atecpool Fountain LED Lighting**

**Lumina Fountain LED Lighting Stainless Steel 316**

# Fountain Spot and XL Series LED

## STAINLESS STEEL 316

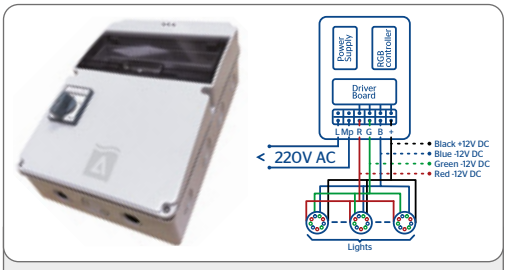
RAINBOW

### Atecpool Fountain LED Lights - Spot and XL Series

Ideal for use in fountains, ponds, cascades and illumination of water based landscape features. Construction in AISI 316 Stainless Steel. Waterproof IP68. Available in cool white, warm white, red, green, blue and RGB.

### Specifications

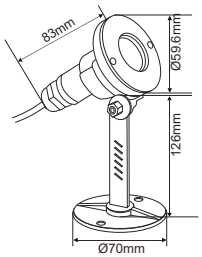
- Driver: constant current output
- Single colour LED = 1 circuit output: RGB 3 in 1 LED=3 circuit output
- IP range: IP68
- Lifespan: > 50000 hrs
- Application environment: Temperature of water between 20°C - 40°C
- Power cable: H07RN-F 2X1.0 mm² L=3m (for single colour)H07RN-F 4X0.75 mm² L=3m (RGB)




4 Core Modulator used only with RGB model

### Fountain Spot LED Light



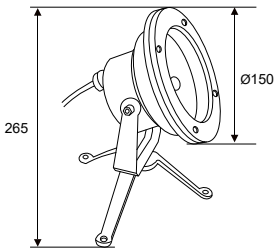




| Code | Description | Power / Voltage | Lumen |
|---|---|---|---|
| ATZ1573 CW | Fountain Spot LED Cool White | 1x3W / 12V AC | 280 |
| ATZ1574 WW | Fountain Spot LED Warm White | 1x3W / 12V AC | 190 |
| ATZ1575 R | Fountain Spot LED Red | 1x3W / 12V AC | 60 |
| ATZ1575 G | Fountain Spot LED Green | 1x3W / 12V AC | 80 |
| ATZ1575 B | Fountain Spot LED Blue | 1x3W / 12V AC | 55 |
| ATZ1578 RGB | Fountain Spot LED RGB | 1x3W / 24V DC | 145 |

Color temperature: Cool white: 6500K, Warm white: 3000K

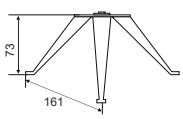
### Fountain XL 6 LED Light

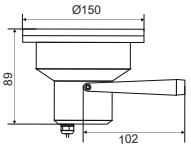



| Code | Description | Power / Voltage | Lumen |
|---|---|---|---|
| ATZ1577 CW | Fountain 6 LED XL Series Cool White | 6x3W / 12V AC | 1750 |
| ATZ1578 WW | Fountain 6 LED XL Series Warm White | 6x3W / 12V AC | 1400 |
| ATZ1579 R | Fountain 6 LED XL Series Red | 6x3W / 12V AC | 440 |
| ATZ1579 G | Fountain 6 LED XL Series Green | 6x3W / 12V AC | 470 |
| ATZ1579 B | Fountain 6 LED XL Series Blue | 6x3W / 12V AC | 380 |
| ATZ1580 RGB | Fountain 6 LED XL Series RGB | 6x3W / 24V DC | 925 |

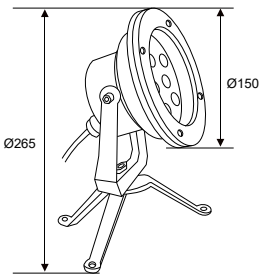
Color temperature: Cool white: 6500K, Warm white: 3000K



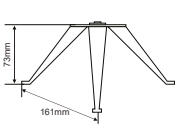

### Fountain XLS 9 LED Light

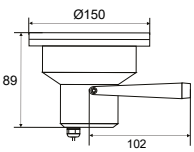



| Code | Description | Power / Voltage | Lumen |
|---|---|---|---|
| ATZ1581 CW | Fountain 9 LED XLS Series Cool White | 9x3W / 12V AC | 2100 |
| ATZ1582 WW | Fountain 9 LED XLS Series Warm White | 9x3W / 12V AC | 1880 |
| ATZ1583 R | Fountain 9 LED XLS Series Red | 9x3W / 12V AC | 680 |
| ATZ1583 G | Fountain 9 LED XLS Series Green | 9x3W / 12V AC | 770 |
| ATZ1583 B | Fountain 9 LED XLS Series Blue | 9x3W / 12V AC | 660 |
| ATZ1584 RGB | Fountain 9 LED XLS Series RGB | 9x3W / 24V DC | 1450 |

Color temperature: Cool white: 6500K, Warm white: 3000K



# Fountain CL and CLS Series LED

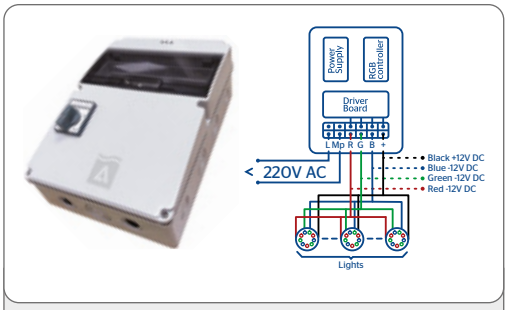
## STAINLESS STEEL 316

### Atecpool Fountain LED Lights - CL and CLS Series

Ideal for use in fountains, ponds, cascades and illumination of water based landscape features. Construction in AISI 316 Stainless Steel. Waterproof IP68. Available in cool white, warm white, red, green, blue and RGB.

### Specifications

- Driver: constant current output
- Single colour LED = 1 circuit output: RGB 3 in 1 LED=3 circuit output
- IP range: IP68
- Lifespan: > 50000 hrs
- Application environment: Temperature of water between 20°C - 40°C
- Power cable: H07RN-F 2X1.0 mm² L=3m (for single colour) H07RN-F 4X0.75 mm² L=3m (RGB)

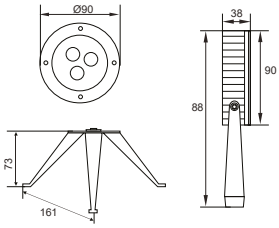



4 Core Modulator used only with RGB model

### Fountain CL 3 LED Light



ATZ1595 CW



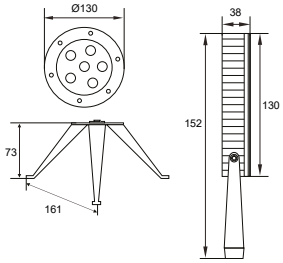

| Code | Description | Power / Voltage | Lumen |
|---|---|---|---|
| ATZ1595 CW | Fountain CL 3 LED Cool White | 3x3W / 12V AC | 720 |
| ATZ1596 WW | Fountain CL 3 LED Warm White | 3x3W / 12V AC | 640 |
| ATZ1597 R | Fountain CL 3 LED Red | 3x3W / 12V AC | 345 |
| ATZ1597 G | Fountain CL 3 LED Green | 3x3W / 12V AC | 390 |
| ATZ1597 B | Fountain CL 3 LED Blue | 3x3W / 12V AC | 280 |
| ATZ1598 RGB | Fountain CL 3 LED RGB | 3x3W / 24V DC | 450 |

Color temperature: Cool white: 6500K, Warm white: 3000K

### Fountain CL 6 LED Light



ATZ1585 CW



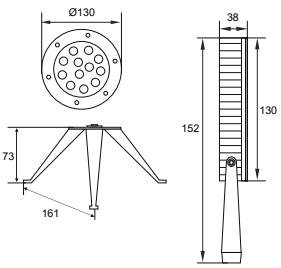

| Code | Description | Power / Voltage | Lumen |
|---|---|---|---|
| ATZ1585 CW | Fountain CL 6 LED Cool White | 6x3W / 12V AC | 1750 |
| ATZ1586 WW | Fountain CL 6 LED Warm White | 6x3W / 12V AC | 1400 |
| ATZ1587 R | Fountain CL 6 LED Red | 6x3W / 12V AC | 440 |
| ATZ1587 G | Fountain CL 6 LED Green | 6x3W / 12V AC | 470 |
| ATZ1587 B | Fountain CL 6 LED Blue | 6x3W / 12V AC | 380 |
| ATZ1588 RGB | Fountain CL 6 LED RGB | 6x3W / 24V DC | 925 |

Color temperature: Cool white: 6500K, Warm white: 3000K

### Fountain CLS 12 LED Light



ATZ1589 CW




| Code | Description | Power / Voltage | Lumen |
|---|---|---|---|
| ATZ1589 CW | Fountain CLS 12 LED Cool White | 12x3W / 12V AC | 3300 |
| ATZ1590 WW | Fountain CLS 12 LED Warm White | 12x3W / 12V AC | 2600 |
| ATZ1591 R | Fountain CLS 12 LED Red | 12x3W / 12V AC | 880 |
| ATZ1591 G | Fountain CLS 12 LED Green | 12x3W / 12V AC | 950 |
| ATZ1591 B | Fountain CLS 12 LED Blue | 12x3W / 12V AC | 790 |
| ATZ1592 RGB | Fountain CLS 12 LED RGB | 12x3W / 24V DC | 1750 |

Color temperature: Cool white: 6500K, Warm white: 3000K

# Fountain CLX HP Series LED

## STAINLESS STEEL 316



CLX36W

### Atecpool Fountain LED Lights - CLX HP Series

Atecpool CLX HP stand spot light series offers unparallel flexibility to match your creativity. The sturdy tripod design does not topple easily even when water movement is very agitated. The CLX HP Series comes in 12x3W (single color) and 6x5W (RGB) to suit a wide variety of applications and can be programmed to dim, colour-change and synchronize to create infinite combinations of kaleidoscopic displays.

### Atecpool Fountain LED Lights - CLX HP Series Specifications

- Housing: Stainless Steel AISI 316
- Front cover: hard chrome plated stainless steel AISI 316
- Light Window: PMMA 8mm
- Gasket: silicone gasket
- Cable gland: IP-68 PG-11 copper with nickel-coated
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity ≥2.0w/mk
- Application environment: temperature of water between -20°~50°C less than 1 meter depth
- Power cable: 3m STW 18AWG



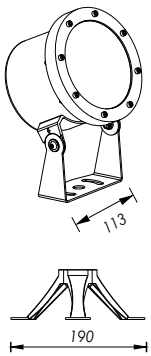


### Illuminance at a distance CLX36W

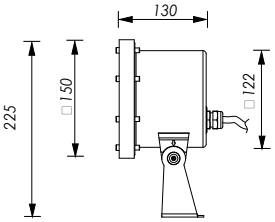
| Distance m | Center Beam LUX | Angle | Beam Width V | Beam Width H |
|---|---|---|---|---|
| 2m | 2082.77 LUX | | 1.0m | 0.9m |
| 4m | 520.69 LUX | | 1.9m | 1.9m |
| 6m | 231.42 LUX | | 2.9m | 2.8m |
| 8m | 130.17 LUX | | 3.9m | 3.8m |
| 10m | 83.31 LUX | | 4.9m | 4.7m |
| 12m | 57.85 LUX | | 5.8m | 5.6m |

### Illuminance at a distance CLX30RGB

| Distance m | Center Beam LUX | Angle | Beam Width V | Beam Width H |
|---|---|---|---|---|
| 2m | 508.05 LUX | | 1.1m | 1.1m |
| 4m | 127.01 LUX | | 2.0m | 2.1m |
| 6m | 56.45 LUX | | 3.2m | 3.2m |
| 8m | 31.75 LUX | | 4.3m | 4.2m |
| 10m | 20.32 LUX | | 5.3m | 5.3m |
| 12m | 14.11 LUX | | 6.4m | 6.3m |



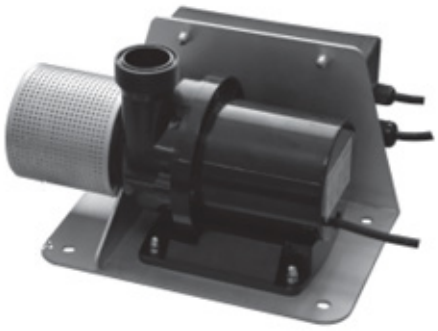

| Code | Power | Beam Angle | Input Voltage | Typical Operating Current | Typical Consumption | Typical luminance | IK rating |
|---|---|---|---|---|---|---|---|
| | | | (V) | (mA) | (W) | (lm) | |
| CLX36W | 12x3W | 30° | 24V DC | 1600 | 38,4 | Cool White: 3031<br>Warm white: 2668 | 10 |
| CLX30RGB | 6x5W<br>RGB 3 in 1 | 30° | 24V DC | 1600 | 38,4 | 835 | 10 |



# Rainbow Fountain

## CONTROLLABLE SUBMERSIBLE PUMP

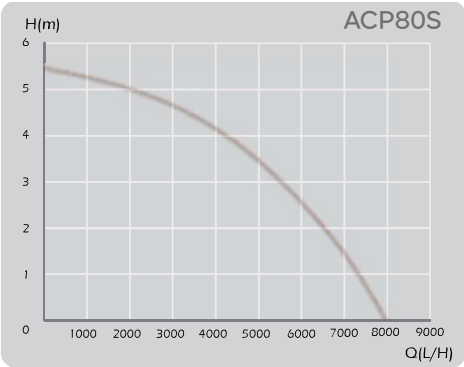
RAINBOW

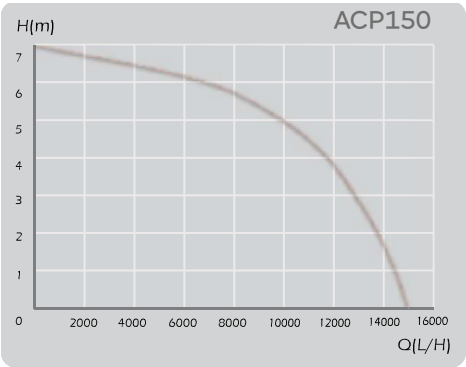


### Specifications

- Quiet and high efficient: Brushless DC motor driven water pump, high efficient design of volute and impeller.
- Dry running protection: If pump is running without water, it will stop automatically to prevent failure from wear.
- Over hear protection: Pump will stop running if the motor temperature is high.
- Over current protection: To prevent motor failure from shorten.
- DMX signal: to control pump speed. Input DMX signal to control pump stop or start and adjust speed.
- Stand-by model: of lowest speed. Pump is run at lowest speed.
- IP68, submersible. Install submersed.
- FOC driver precisely:, provides stable speed control
- 0.6 second speed ramp from stand-by mode to max speed: Fastest speed reaction to ensure better fountain sense.

### Performance curves




### Example of application

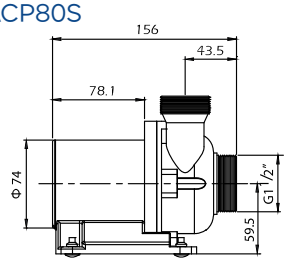


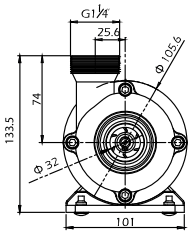
| Code | Voltage | Power | Max Speed | Controlled by |
|---|---|---|---|---|
| **ACP80S** | 24V DC | 80W | 3000rpm | DMX |
| **ACP150** | 24V DC | 150W | 3000rpm | DMX |

Pumps ACP80S and ACP150 work with 1" comet nozzle.

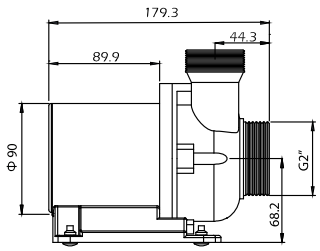
### Pumps Dimensions

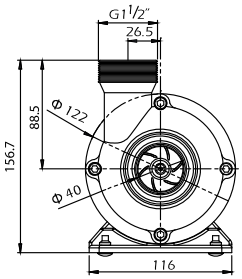
ACP80S




ACP150



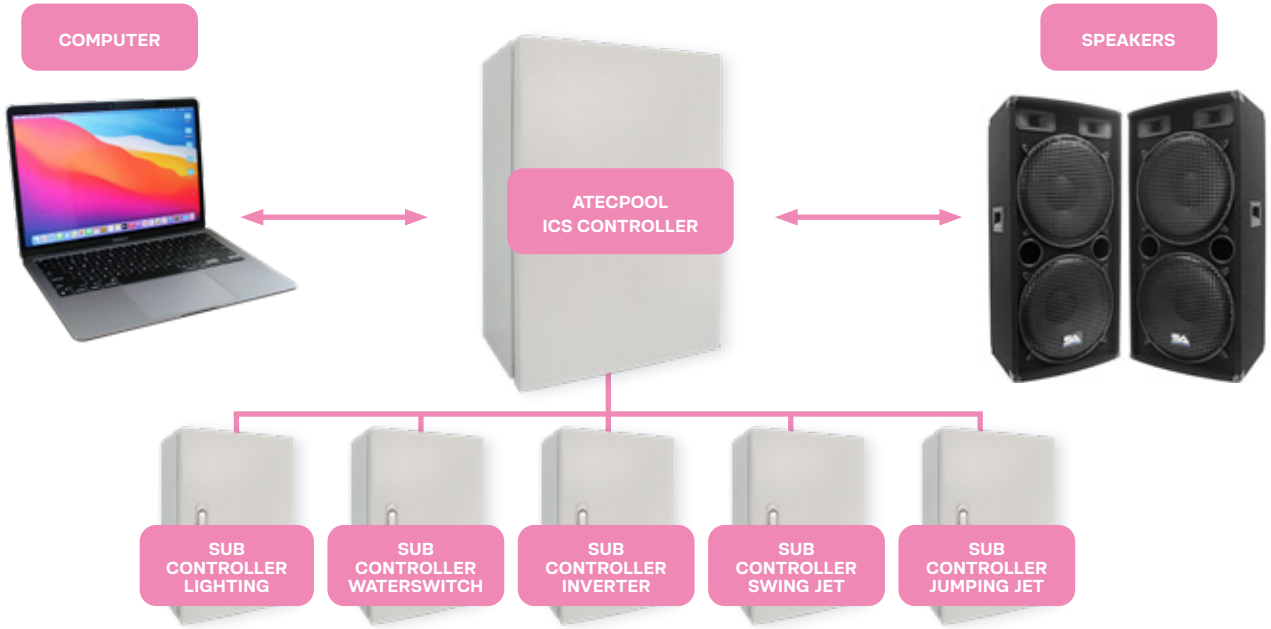




### Controllable Submersible Pump

| Characteristics | ACP80S | ACP150 |
|---|---|---|
| **Motor type** | BLDC | BLDC |
| **Control Signal** | DMX | DMX |
| **Q max** | 7000 l/h | 13000 l/h |
| **H max** | 5m | 7m |
| **Speed from 0% ~ 100%** | 0.6s | 0.6s |
| **Working Voltage** | DC24V | DC24V |
| **Max Immersion depth** | 1m | 1m |
| **Protection class** | IP68 | IP68 |
| **Max Power Input** | 80W | 150W |
| **Suction side connection** | G1 1/2" | G2" |
| **Outlet connection** | G1 1/4" | G1 1/2" |
| **Pump housing** | Plastic | Plastic |
| **Ambient temperature** | less than 50°C | less than 50°C |
| **Cable for DMX input** | 1.5m RVV 3x0.5 mm² | |
| **Cable for DMX output** | 1.5m RVV 3x0.5 mm² | |
| **Cable for pump** | 3m HO5RN-F 3x0.5 mm² | |
| **Cable for power input** | 1.5m HO5RN-F 2x0.75 mm² | |

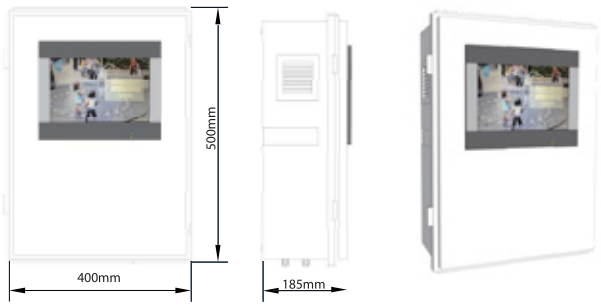
# Rainbow Fountain

## CONTROLS - ICS (INTEGRATED CONTROL SYSTEM)




| Integrated Control System | ICS1024M | ICS1024 | ICS1024M-2 | ICS512-2 |
|---|---|---|---|---|
| Dimensions (LxWxH) | 400x185x500 mm | | 400x185x500 mm | |
| Weight | 10,2 kg | | 10,2 kg | |
| Housing | ABS | | ABS | |
| Protection Class | IP20 | | IP20 | |
| Backup battery | 3V lithium battery CR2032 x 1 | | - | |
| Backup battery life | 3 years at 25°C may vary depending on usage and temp. | | - | |
| Storage temperature | 0~50°C | | 0~50°C | |
| Operation temp. | 0~40°C / 0~80°C humidity non-condensed | | 0~40°C / 0~80°C humidity non-condensed | |
| Power Supply | 220V AC | | 220V AC | |
| Outputs | 16 x Digital out | | 8 x Digital out | |
| Inputs | 16 x Digital in | | 12 x Digital in | |
| Memory | Micro SD-card for show files | | Micro SD-card for show files | |
| Operation | (Human Machine Interface) | | (Human Machine Interface) | |
| Audio | Yes | - | Yes | - |
| Standalone shows | ARC-stream file and audio file | | WDS file | |
| Interface | 2x512DMX channels for ICS1024M / ICS1024 | | 2x512DMX channels for ICS1024M-2 / 1x512DMX channel for ICS512-2 | |
| Scheduler | General 10 nos. / Special 1 no. | | General 10 nos. / Special 1 no. | |
| Action manager and monitor | Event actions: digital inputs can be linked with actions (water level) and monitor | | | |
| Software | Windows XP or better | | Windows 7 or better | |

## Controller Dimensions



# Rainbow Fountain

## CONTROLS - DMX AND RDM







### N:Nano 512 / N:Nano 1024 Music

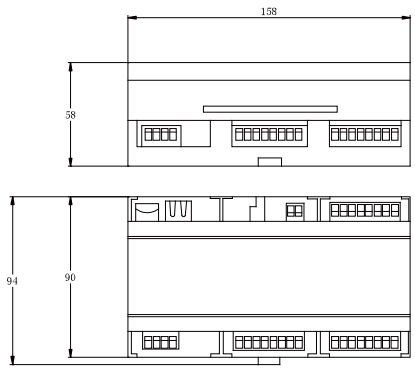
Atecpool rolls out its new DIN-rail fanless embedded systems with extra low power CPU chipset, the Nano 512 and Nano 1024 music. Compact unit supports wide temperature range and features DMX 512/1990 ports, isolated Ethernet port 10/100 Mbit, Micro SD card slot, 2x 16 LCD segment display.
Its 8 x digital and 8 x analog I/O makes this unit the perfect tool for all stand alone fountain multimedia show Installations.
The DIN-rail hardware family is compatible to all Depence architect or ultimate versions.
Show Upload can be done via SD Card or local network.Windows Remote Live Panel Software and Service tools will be shipped with this package as well.

### N:Nano 512 / N:Nano 1024 Music Controllers Specifications

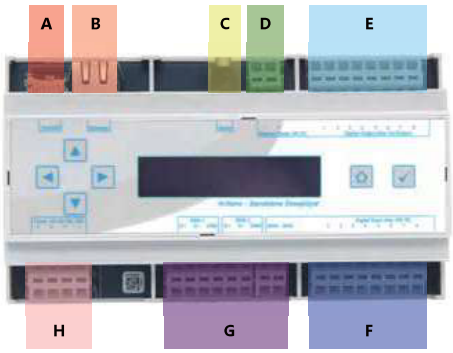
- Standalone Multimedia Showplayer.
- 512 1024 DMX output channels.
- Audio Output(N:Nano 1024 only).
- Time Schedule with internal clock.
- Show upload via MicroSD-Card or Ethernet.
- 8x Digital Input and 8x Digital Output.
- DIN-Rail mounting.
- Live-Panel functionality via Remote Software.
- Easy to use front panel setup.
- ArtNET Node functionality.

| ATECPOOL DMX and RDM Controllers | N:Nano 512 | N: Nano 1024 Music |
|---|---|---|
| Dimensions (LxWxH) | 160x90x58 mm | |
| Weight | 0,33 kg | |
| Housing | Polycarbonate light grey/white/blue for top-hat rail mounting | |
| Protection Class | IP20 | |
| Power supply | 15..24V DC / 8W | |
| Operation temperature | 0~40°C / 0~80°C humidity non-condensed | |
| Certification | CE | |
| Outputs | DMX 512/1990 512 channel 8xdigital out (clamps 24V DC/ 1A max, optically isolated) | DMX 512/1990 1024 channel 8xdigital out (clamps 24V DC/ 1A max, optically isolated)<br>1 x Stereo Audio (3,5mm jack plug, galvanic isolated) |
| Inputs | 8 x digital In (clamps 24V DC, optically isolated) | |
| Other connections | Ethernet RJ45 10/ 100Mbit) | |
| Memory | MicroSD-card | |
| Operation | 2x16 segment LCD Display with 6 keys | |

### Dimensions




### Slots




**A:** Micro SD Card Slot (4GB included)

**B:** Ethernet 10/100 Mbit-update shows, remote control

**C:** Audio output 3.5 mm jack plug (only N:Nano 1024 Music)

**D:** External power 24V DC

**E:** 8xdigital output max 1A/output

**G:** DMX512/1990 (N:Nano512 - 512 channel / N:Nano 1024 Music -1024 channel)

**H:** Power input 15-24V DC, 8W

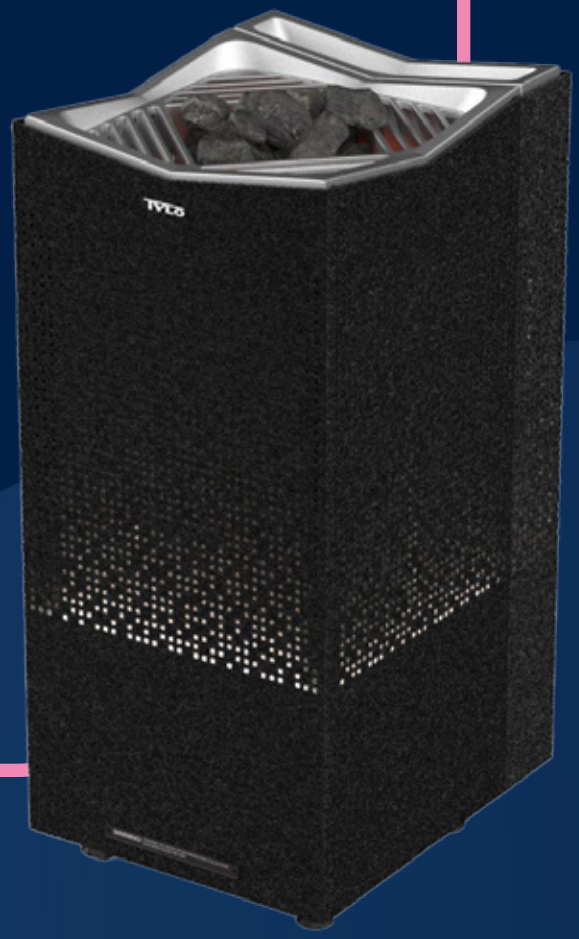








RAINBOW FOUNTAIN



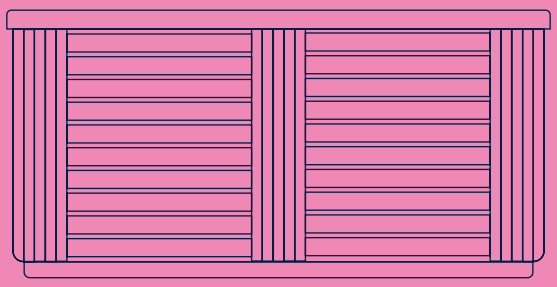
INSPIRED
By Water

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# Wellness



INSPIRED By Water

ATECPOOL
BWT GROUP

INSPIRED By Water

atecpool.com



# Atecpool Wellness

### Steam and Sauna from TyloHelo

## Simplicity is a Good Thing

**TyloHelo** has trail-blazed the sauna industry for over one hundred years. The time has come to introduce the only multi-layered sauna experience on the market. A new dimension in modern sauna solutions. A new dawn in sauna engineering. Try the new Bio Water Technique from Helo.

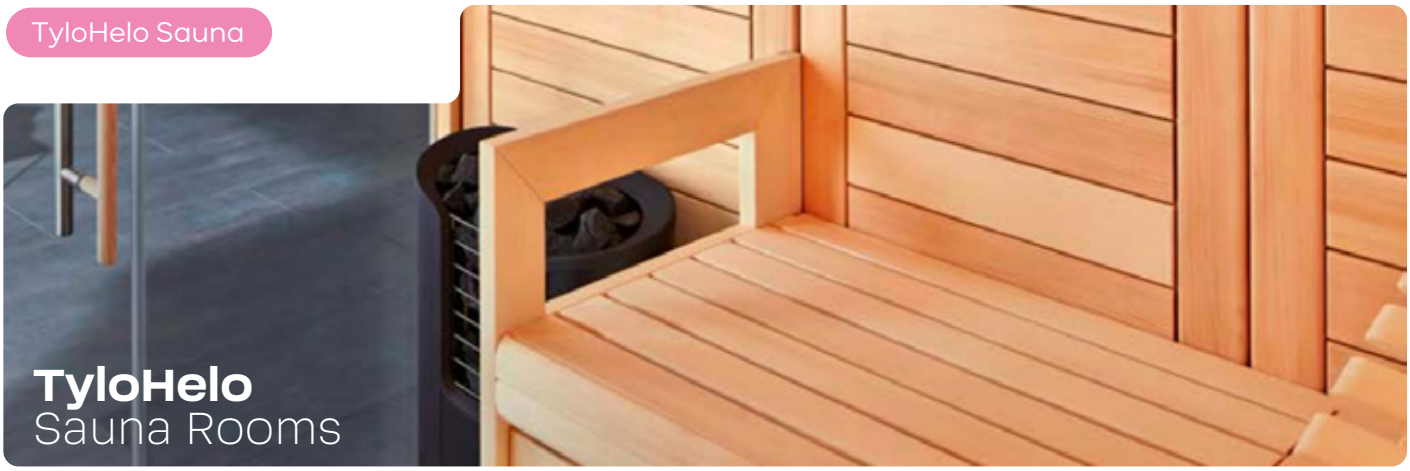
### Atecpool Spa Collection

## The key to wellness

Based on our several years' experience in the creation of modern swimming pool techniques and whirlpool equipment, as the experts on the European market, it is our pleasure to present our newest collection of highly advanced portable spas and in-ground spas.

# TyloHelo
## SAUNA ROOMS

TyloHelo Sauna






**Corner**
Aspen



**Corner with glazed section**
Aspen



**Square**
Alder



**Square with glazed section front**
Alder



**Square with glazed section side**
Aspen



**Square with glazed section front and side**
Aspen



**Glass front**
Alder



**Glass corner**
Aspen

# Wall Panels and Bench Boards

## SAUNA ROOMS

### Premium Saunas with Natural Wood

A sauna creates a personal escape where light, scent, sound, and design work together to deliver a calming, immersive experience enhanced by Helo's thoughtful details.
Natural wood and carefully crafted features combine comfort, durability, and aesthetics to create a harmonious and relaxing environment.

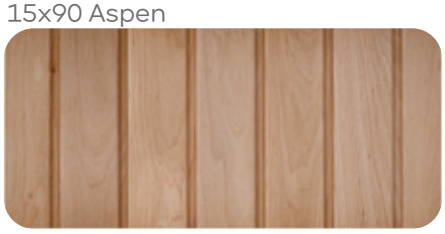
### Natural Wood Collection

We use high-quality aspen and alder as the main raw materials for sauna panels and benches, available in both heat-treated and untreated options. Knot-free and resin-free aspen and alder are the best materials for benches, as their pleasantly smooth surface does not get hot even in intense heat. They also withstand heat and moisture excellently. From our selection, you will also find beautiful and durable heat-treated radiata pine benches and heat-treated pine benches. Choose long-lasting sauna benches and enjoy your sauna for years to come.

**WALL PANELS**



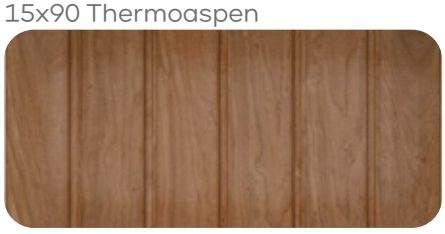
15x90 Aspen



15x90 Alder



15x90 Thermoaspen



15x90 Thermoalder



15x90 Hemlock



15x90 Red Cedar

**BENCH BOARDS**



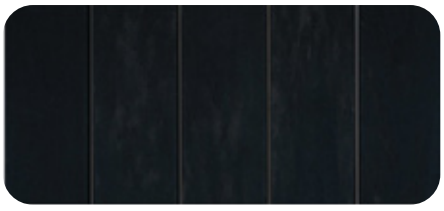
28x90 Aspen



28x90 Alder



28x90 Thermoaspen



28x90 Black Wax Aspen



28x90 Hemlock



28x90 Red Cedar

# TyloHelo
## SAUNA ROOMS

### TyloHelo Premium Saunas Interior Styling

Harmony interiors are available in a number of different designs and are made to match the style of your Harmony. Your sauna room can be designed to custom standards by choosing from several types of wood and designs.

### Classic

The Classic range of solid Aspen, Alderwood or Thermo Alder sauna interior is available in pre-cut measurements or may be cut to individual preferences. The range includes benches and backrests with available skirting and siding for a complete and finished look.





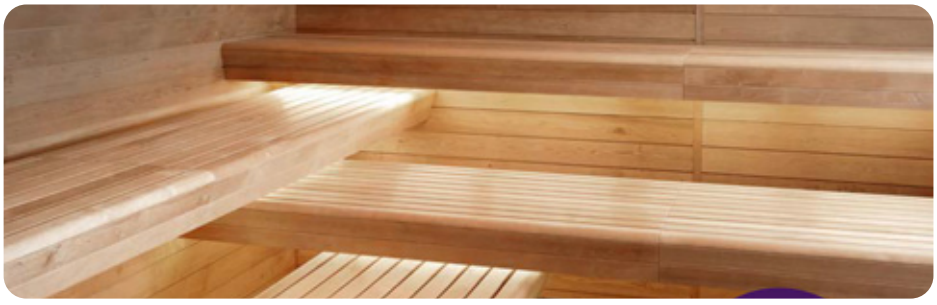
### Classic Slim

Classic Slim sauna interiors in Aspen, Alderwood or Thermo Alder are available in pre-cut measurements but may be cut to individual requirements for custom builds. The range includes benches and backrests with available skirting and siding for a complete and finished look.

### Classic Wide

The Classic Wide range of American Tulip, Aspen, Alder or Thermo Alderwood. The sauna interior is available in custom measurements as flex interior. The range includes benches and backrests.





### Panorama Interior

The Panorama range of sauna benches with the overlapping design are made of Aspen, Alder and Thermo Alder and are available in custom measurements as flex interior.

# TyloHelo
## SAUNA ROOMS

### TyloHelo Premium Saunas Interior Styling

Harmony interiors are available in a number of different designs and are made to match the style of your Harmony. Your sauna room can be designed to custom standards by choosing from several types of wood and designs.

### Glass

Whether it's a glass door, glass section, or glass front, our glass products are engineered to endure significant temperature variations between sauna interior and exterior, maintaining their shape and integrity. Opt for clear glass for an open ambience, bronze glass for added warmth, or frosted glass to create a private, relaxing retreat.



Clear Glass
8 mm tempered safety glass



Bronze Glass
8 mm tempered safety glass



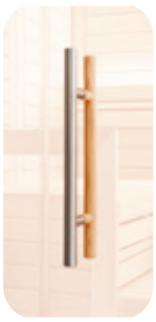
Frosted Glass
8 mm tempered safety glass



Horizontal



Vertical



Design Handle



Horizontal Alu Line



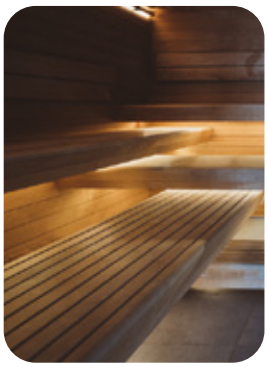
Panacea

### Door handle

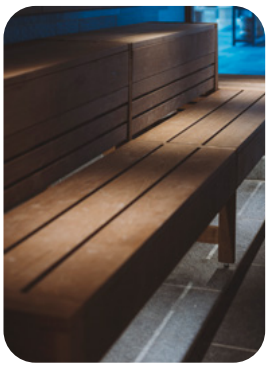
Choose between horizontal and vertical orientation or go for the design handle.

### Benches

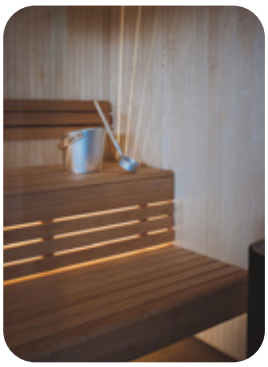
Tylö sauna benches are crafted for both comfort and durability, available in Panorama, Classic, Slim, and Wide designs to suit a variety of layouts and aesthetic preferences. Each bench is ergonomically designed to enhance relaxation while optimizing space within the sauna. Complementary armrests, side panels, and skirting panels create a seamless, refined finish while improving safety and support. Built with high-quality materials, these benches ensure long-lasting performance in demanding sauna environments.



Panorama benches



Wide benches



Classic benches



Slim benches



Armrests and Side Panels



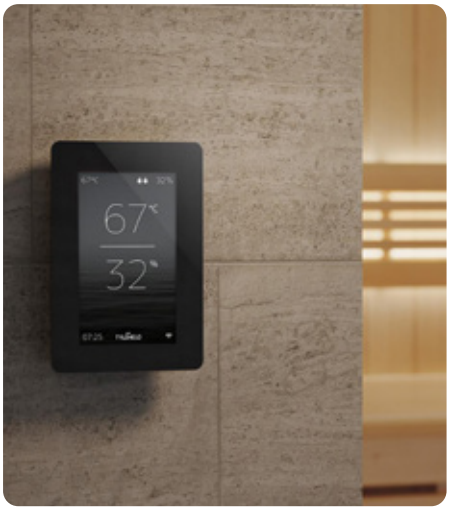
Skirting Panels

# TyloHelo

## SAUNA ROOMS








# TyloHelo

## PREMIUM SAUNA HEATERS

### Crown Sauna Heaters

Crown Sauna heaters can achieve up to 25% energy savings compared to traditional units when operating at 65–70°C and 35% humidity. Its floor-standing design with slim 40 cm sides allows easy placement in a corner, against a wall, or by a glass front. The unit features ThermoSafe™ touch protection to reduce burn risk and has built-in lighting pattern. Rapid heating, floor-standing unit with a symmetrical design and IntelliAir grill for optimal airflow.



Intelliair air chamber



Built-in lighting



Thermosafe surface



### Crown Elite Sauna Heaters

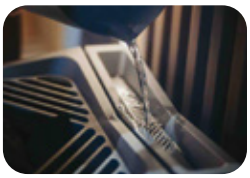
It includes the Elite Cloud control panel and door contact (each with a 5 m cable), plus a temperature sensor with a 4 m cable. Crown models are available in 6 kW, 8 kW, and 10 kW options.

| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| CROWN ELITE 6 | 61002000 | 6,6 | 4-8 | 365 | 806 | 365 | 50 | 1900 |
| CROWN ELITE 8 | 61002002 | 8 | 6-12 | 365 | 806 | 365 | 50 | 1900 |
| CROWN ELITE 10 | 61002004 | 10,5 | 10-18 | 365 | 806 | 365 | 50 | 1900 |



### Crown Combi Elite Sauna Heaters

Get the best of both worlds with the Tylö Crown heater's Combi version. It mixes sauna and steam for a comfortable Soft Sauna experience, provides up to 25% energy savings compared to regular saunas.
It includes the Elite Cloud control panel and door contact (each with a 5m cable), plus a temperature sensor with a 4 m cable.



| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| CROWN COMBI ELITE 6 | 61002050 | 6,6 | 4-8 | 365 | 806 | 442 | 50 | 1900 |
| CROWN COMBI ELITE 8 | 61002052 | 8 | 6-12 | 365 | 806 | 442 | 50 | 1900 |
| CROWN COMBI ELITE 10 | 61002054 | 10,5 | 10-18 | 365 | 806 | 442 | 50 | 1900 |

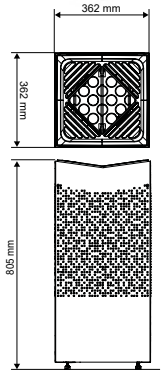


### Crown Commercial Sauna Heaters

The Crown heater is now available in a powerful commercial version, designed for demanding professional sauna environments. The unit is controlled by the Elite control panel and relay box Commercial Lite (not included). Available in 8 kW and 10 kW options.

It can also be installed as a Twin Crown Commercial setup for larger spaces, delivering up to 21.8 kW and suitable for sauna rooms up to 45 m³. Twin Crown Commercial is operated via the Elite control panel, in combination with the Pro Control and Pro Power 25 relay boxes.






| Code | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| CROWN COMMERCIAL 8 | 61002400 | 8 | 6-12 | 365 | 806 | 442 | 50 | 1900 |
| CROWN COMMERCIAL 10 | 61002402 | 10.8 | 10-18 | 365 | 806 | 442 | 50 | 1900 |
| CROWN COMMERCIAL TWIN | | 8+8 | 15-35 | 724 | 806 | 442 | 50 | 2100 |
| | | 8+10.8 | 18-40 | 724 | 806 | 442 | 50 | 2100 |
| | | 10.8+10.8 | 22-45 | 724 | 806 | 442 | 50 | 2100 |

# TyloHelo
## SAUNA HEATERS

### Tylo Traditional Sauna Heaters

Rapid heating with an easy-to-use WiFi control panel for full system overview, enabling automated scheduling for maximum flexibility; features split output functionality to reduce power once the set temperature is reached, and ThermoSafe™ protective coating to help prevent accidental skin burns.







### Sense Elite/Pure Heaters

Sense Elite is fitted with a number of smart and patented features and makes a perfect choice for energy efficient sauna bathing.
**Elite Cloud control panel** with wifi connectivity and cloud-based functionality for maximum advantage and comfort is included or with **Pure digital touch control panel** for ease of use and convenience. Door contact is required for delayed start.
Available in 6 kW, 8 kW, and 10 kW options.

| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| **SENSE ELITE 6** | **61001338** | 6,6 | 4-8 | 435 | 600 | 375 | 110 | 1900 |
| **SENSE ELITE 8** | **61001340** | 8 | 6-12 | 435 | 600 | 375 | 110 | 1900 |
| **SENSE ELITE 10** | **61001342** | 10,5 | 10-18 | 435 | 600 | 375 | 110 | 1900 |
| **SENSE PURE 6** | **61001344** | 6,6 | 4-8 | 435 | 600 | 375 | 110 | 1900 |
| **SENSE PURE 8** | **61001346** | 8 | 6-12 | 435 | 600 | 375 | 110 | 1900 |
| **SENSE PURE 10** | **61001348** | 10,5 | 10-18 | 435 | 600 | 375 | 110 | 1900 |



### Sense Sport

The Sense Sport electric sauna heater is available in two different power output versions and can be placed on the floor or mounted on the wall.
The control panel is built into the heater and located at its base.
Available in 6 kW and 8 kW options.

| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| **SENSE SPORT 6** | **61001330** | 6,6 | 4-8 | 435 | 600 | 375 | 110 | 1900 |
| **SENSE SPORT 8** | **61001332** | 8 | 6-12 | 435 | 600 | 375 | 110 | 1900 |



### Sense Sport 2/4

This compact electric sauna heater fits perfectly even in the smallest sauna rooms, without compromising on performance or design.

| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| **SENSE SPORT 2/4** | **62202020** | 2,2-4,5 | 2-4 | 348 | 480 | 214 | 20 | 1900 |



### Sense Sport Combi 4

Enjoy both traditional sauna and steam in one compact unit. Sense Sport Combi 4 is a lightweight and flexible heater designed to fit seamlessly even in smaller spaces.

| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| **SENSE SPORT COMBI 4** | **62202060** | 4.5 | 2-4 | 348 | 490 | 274 | 20 | 1900 |

# TyloHelo
## SAUNA HEATERS



## Sense Combi Elite/Pure Heaters

Same efficient and swift operation as the rest of the Sense heater lineup, but Sense Combi Pure and Elite delivers traditional dry sauna experiences along with ones including rich and enveloping steam, for an even higher level of versatility and pleasure.
Includes steam bath functionality along with aroma and mineral therapies. High quality stainless steel construction for stone compartment.

| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| SENSE COMBI ELITE 6 | 61001350 | 6,6 | 4-8 | 435 | 620 | 375 | 110 | 1900 |
| SENSE COMBI ELITE 8 | 61001352 | 8 | 6-12 | 435 | 620 | 375 | 110 | 1900 |
| SENSE COMBI ELITE 10 | 61001354 | 10,5 | 10-18 | 435 | 620 | 375 | 110 | 1900 |
| SENSE COMBI PURE 6 | 61001356 | 6,6 | 4-8 | 435 | 620 | 375 | 110 | 1900 |
| SENSE COMBI PURE 8 | 61001358 | 8 | 6-12 | 435 | 620 | 375 | 110 | 1900 |
| SENSE COMBI PURE 10 | 61001360 | 10,5 | 10-18 | 435 | 620 | 375 | 110 | 1900 |



Sense Commercial 6 and 8

## Sense Commercial

The Sense Commercial 6 and 8 electric sauna heaters are adapted for public facilities. They are compatible with both electronic and mechanical control panels.
The Ready-At function can choose what time you want your sauna to reach your desired temperature. They work with older generations of control panels as well as the new generation digital control panels Elite and Pure.
Available in several different power outputs and comes equipped with the ability to provide soft sauna steam.
When using Elite or Pure, the Commercial Lite relay box is suitable.



Sense Commercial 10,16 and 20

| Model | Code | Power | Sauna size | Dimensions (mm) | | | Minimum Distance | |
|---|---|---|---|---|---|---|---|---|
| | | kW | m³ | W | H | D | Wall (mm) | Ceiling (mm) |
| SENSE COMMERCIAL 6 | 61001334 | 6,6 | 4-8 | 435 | 600 | 375 | 110 | 1900 |
| SENSE COMMERCIAL 8 | 61001336 | 8 | 6-12 | 435 | 600 | 375 | 110 | 1900 |
| SENSE COMMERCIAL 10 | 61001090 | 10.7 | 10-18 | 653 | 646 | 390 | 150 | 1900 |
| SENSE COMMERCIAL 16 | 61001092 | 16 | 15-35 | 653 | 646 | 390 | 150 | 1900 |
| SENSE COMMERCIAL 20 | 61001094 | 20 | 22-43 | 653 | 646 | 390 | 150 | 1900 |

## Relay Box Commercial Lite and Commercial

Relay Box Commercial Lite is designed for control together with the control panels Elite or Pure and is suitable for sauna heaters Crown Commercial 8/10kW and Sense Commercial up to 10.7kW.  Relay Box Commercial for heater capacities 16-20kW



Relay Box Pro Control

| Code | Description |
|---|---|
| 71016014 | Relay box Commercial Lite |
| 71016012 | Relay box Commercial |

## Relay Box Pro Control and Pro Power 25

Twin Crown Commercial is operated via the Elite control panel, in combination with the Pro Control and Pro Power 25 relay boxes. Relay Box Pro Control and Pro Power 25 enable connection to the Elite control panel with precise temperature control. Relay Box Pro Power 25 is a contactor box designed for use with the Pro Control relay box and Elite control panel, managing two separate heat source groups (e.g., sauna heaters and IR panels) with support for installations up to 25 A per group.



Relay Box Pro Power 25

| Code | Description |
|---|---|
| 71016100 | Relay box Pro Control |
| 71016110 | Relay box Pro Power 25 |

# TyloHelo

## SAUNA HEATERS - BUYING GUIDE

| PREMIUM SAUNA HEATER | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Model** | **Code** | **Power** | **Sauna size** | **Suitable control panel** | **Weight heater + rocks** | **Dimensions** | **Installation** |
| | | kW | m³ | | kg+kg | W*H*D (mm) | |
| **CROWN ELITE 6** | **61002000** | 6,6 | 4-8 | Elite included | 28.4+20 | 365*806*442 | Floor standing |
| **CROWN ELITE 8** | **61002002** | 8 | 6-12 | Elite included | 28.4+ 20 | 365*806*442 | Floor standing |
| **CROWN ELITE 10** | **61002004** | 10,5 | 10-18 | Elite included | 28.4+ 20 | 365*806*442 | Floor standing |
| **CROWN COMBI ELITE 6** | **61002050** | 6,6 | 4-8 | Elite included | 34,2+ 20 | 365*806*442 | Floor standing |
| **CROWN COMBI ELITE 8** | **61002052** | 8 | 6-12 | Elite included | 34,2+ 20 | 365*806*442 | Floor standing |
| **CROWN COMBI ELITE 10** | **61002054** | 10,5 | 10-18 | Elite included | 34,2+ 20 | 365*806*442 | Floor standing |
| **CROWN COMMERCIAL 8** | **61002400** | 8 | 6-12 | Elite + RB Commercial Lite | 26+20 | 365*806*442 | Floor standing |
| **CROWN COMMERCIAL 10** | **61002402** | 10.8 | 10-18 | Elite + RB Commercial Lite | 26+20 | 365*806*442 | Floor standing |
| **CROWN COMMERCIAL TWIN** | | 8+8 | 15-35 | Elite + RB Pro Control + RB Pro Power | 52+40 | 724*806*442 | Floor standing |
| | | 8+10.8 | 18-40 | Elite + RB Pro Control + RB Pro Power | 52+40 | 724*806*442 | Floor standing |
| | | 10.8+10.8 | 22-45 | Elite + RB Pro Control + RB Pro Power | 52+40 | 724*806*442 | Floor standing |
| **RESIDENTIAL SAUNA HEATER** | | | | | | | |
| **Model** | **Code** | **Power** | **Sauna size** | **Suitable control panel** | **Weight heater + rocks** | **Dimensions** | **Installation** |
| | | kW | m³ | | kg+kg | W*H*D (mm) | |
| **SENSE SPORT 2/4** | **62202020** | 2,2-4,5 | 2-4 | Built-in | 9.3+7 | 348*480*214 | Wall mounted |
| **SENSE SPORT COMBI 4** | **62202060** | 4.5 | 2-4 | Built-in | 13.4+7 | 348*490*274 | Wall mounted |
| **SENSE SPORT 6** | **61001330** | 6,6 | 4-8 | Built-in | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE SPORT 8** | **61001332** | 8 | 6-12 | Built-in | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE ELITE 6** | **61001338** | 6,6 | 4-8 | Elite included | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE ELITE 8** | **61001340** | 8 | 6-12 | Elite included | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE ELITE 10** | **61001342** | 10,5 | 10-18 | Elite included | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE PURE 6** | **61001344** | 6,6 | 4-8 | Pure included | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE PURE 8** | **61001346** | 8 | 6-12 | Pure included | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE PURE 10** | **61001348** | 10,5 | 10-18 | Pure included | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE COMBI ELITE 6** | **61001350** | 6,6 | 4-8 | Elite included | 23+20 | 435*620*375 | Wall mounted/floor standing* |
| **SENSE COMBI ELITE 8** | **61001352** | 8 | 6-12 | Elite included | 23+20 | 435*620*375 | Wall mounted/floor standing* |
| **SENSE COMBI ELITE 10** | **61001354** | 10,5 | 10-18 | Elite included | 23+20 | 435*620*375 | Wall mounted/floor standing* |
| **SENSE COMBI PURE 6** | **61001356** | 6,6 | 4-8 | Pure included | 23+20 | 435*620*375 | Wall mounted/floor standing* |
| **SENSE COMBI PURE 8** | **61001358** | 8 | 6-12 | Pure included | 23+20 | 435*620*375 | Wall mounted/floor standing* |
| **SENSE COMBI PURE 10** | **61001360** | 10,5 | 10-18 | Pure included | 23+20 | 435*620*375 | Wall mounted/floor standing* |
| **COMMERCIAL SAUNA HEATER** | | | | | | | |
| **Model** | **Code** | **Power** | **Sauna size** | **Suitable control panel** | **Weight heater + rocks** | **Dimensions** | **Installation** |
| | | kW | m³ | | kg+kg | W*H*D (mm) | |
| **SENSE COMMERCIAL 6** | **61001334** | 6,6 | 4-8 | Pure or Elite with relay box Commercial Lite | 17+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE COMMERCIAL 8** | **61001336** | 8 | 6-12 | Pure or Elite with relay box Commercial Lite | 17,5+20 | 435*600*375 | Wall mounted/floor standing* |
| **SENSE COMMERCIAL 10** | **61001090** | 10.7 | 10-18 | Pure or Elite with relay box Commercial Lite | 32+25 | 646*653*390 | Wall mounted |
| **SENSE COMMERCIAL 16** | **61001092** | 16 | 15-35 | Pure or Elite with relay box Commercial | 32+25 | 646*653*390 | Wall mounted |
| **SENSE COMMERCIAL 20** | **61001094** | 20 | 22-43 | Pure or Elite with relay box Commercial | 32+25 | 646*653*390 | Wall mounted |

* Feet for floor standing need to be bought separately.

# TyloHelo
## SAUNA HEATERS



### Helo Cup Sauna Heater

Reliable and safe Cup sauna heaters are an excellent choice for traditional Finnish type sauna. These compact wall mounted heaters are designed for domestic small and mid-size sauna rooms. They are easy to assemble and easy to use with builtin timer and thermostat or with separate control unit. With the timer you can pre-select the time when you want the heater to be turned on, max. 9 hours beforehand. The running time is max 3 hours. CUP D require separate control unit while CUP STJ heater comes with built-in thermostat and a timer 9+3 hrs.




| Code | Power | Sauna size | Dimensions (mm) | | | Stones | Mounting | Safety distances | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | m³ | W | H | D | kg | | Side | Front | Behind | Ceiling | Floor |
| **CUP 45 D** | 4.5 | 3 - 6 | 410 | 580 | 280 | 15 | Wall | 50 | 80 | - | 1200 | 120 |
| **CUP 60 D** | 6 | 5 - 9 | 410 | 580 | 280 | 23 | Wall | 70 | 100 | - | 1250 | 120 |
| **CUP 80 D** | 8 | 8 - 13 | 410 | 580 | 300 | 23 | Wall | 100 | 150 | - | 1250 | 120 |

Control Unit for CUP D heater : Elite or Pure Control with relay box (WE40)

### Helo SKLE Professional Electric Heater

SKLE are suitable for saunas sized from 8 – 46 m³. Designed for commercial sauna rooms, Helo SKLE heaters are robust, easy to maintain and their 60 kg of stones create an attractively soothing sauna climate. Helo SKLE is used with separate control panel.




| Code | Power | Sauna size | Dimensions (mm) | | | Stones | Mounting | Safety distances | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | m³ | W | H | D | kg | | Side | Front | Behind | Ceiling | Floor |
| **SKLE 1051** | 10.5 | 9 - 15 | 510 | 700 | 475 | 60 | Floor | 140 | 160 | 160 | 1400 | - |
| **SKLE 1201** | 12 | 10 - 18 | 510 | 700 | 475 | 60 | Floor | 140 | 160 | 160 | 1400 | - |
| **SKLE 1501** | 15 | 14 - 24 | 510 | 700 | 475 | 60 | Floor | 140 | 160 | 160 | 1500 | - |

Control Unit for SKLE heater : Elite or Pure Control with relay box (WE40)

### Helo SKLA Professional Electric Heater



The heater is freestanding and available in a variety of models to suit different business needs. Helo SKLA is specially engineered for larger commercial saunas that require durable, powerful and cost-efficient heaters - without compromising on the rich steam and soothing sauna atmosphere. The Helo SKLA heaters accommodate 120 kg of rocks, ensuring a genuinely ideal sauna climate for guests.

| Code | Power | Sauna size | Dimensions | | | Stones | Mounting | Safety distances | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | m³ | W | H | D | kg | | Side | Front | Behind | Ceiling | Floor |
| **SKLA 181** | 18 | 18 - 30 | 880 | 700 | 510 | 120 | Floor | 80 | 80 | 110 | 1200 | - |
| **SKLA 210** | 21 | 24 - 36 | 880 | 700 | 510 | 120 | Floor | 80 | 80 | 110 | 1200 | - |
| **SKLA 260** | 26 | 30 - 46 | 880 | 700 | 510 | 120 | Floor | 120 | 120 | 120 | 1400 | - |

Control Unit for SKLA heater : Elite or Pure Control with relay box (WE50)

# TyloHelo

## SAUNA ACCESSORIES

### TyloHelo Sauna Accessories



### Heater guard

Wall mounted heater guard

6.6-8 kW. Code: 90001002

10.7-20 kW. Code: 90001012

### Ventilation Hatch B

Fits over the air outlet inside the sauna to regulate air flow.
Size: 14 x 37.5 cm. C ode: 90181036



### Ventilation Grille B

Size: 14x22 cm.
Code: 90181040



### Sauna Wood -Treatment Oil

For treating benches and other wood surfaces in the sauna. Covers approx. 6m². Code: 90022050



### Fixed Headrest

Headrest made of narrow wooden slats.
Size: 37.5x27x8cm.
Alder: code 90081016
Aspen: code 90081014



### Adjustable Sauna Headrest

Height adjustable.
Size: 42.5x37.5x7cm.
Alder: code 90081012
Aspen: code 90081010





### Strip package

Contains three strips of light aspen, measuring 12 x 43 x 2400 mm. Suitable as a door lining, internal or external ceiling strip, etc... Code: 91031575



### Threshold

Suitable for DGB and DGL doors with door widths 7 and 8. Size: 30 x 92 mm.

DGL/DGB width 7 Pine. Code 91031560

DGL width 7 Aspen. Code 91031561

Broad DGB width 8 Pine. Code 91031565

DGL width 8 Aspen. Code 91031566

### Foot for Sense

Foot for all Sense sauna heaters. Color black.
Sense 6/8/10. Code: 90001060
Sense Combi 6/8/10. Code: 90001061



### Steam Distributor Commercial

The Tylo Steam Distributor Commercial improves the distribution of steam in your sauna room. Specially designed for the sauna heater Sense Commercial 10-20kW. — Code: 90029263



# TyloHelo
## SAUNA ACCESSORIES

### TyloHelo Sauna Accessories



Add a fragrance to your sauna to stimulate your senses. Peppermint and citrus pick your moods up, eucalyptus is refreshing and helps against colds, lavender has a relaxing effect.




### Essential Oils

100% essential oils. Release invigorating scents in your sauna. 10 ml/bottle.

Eucalyptus: Code: 90024080

Peppermint: Code: 90024084

Lavender: Code: 90024082

Citrus: Code: 90024086

Fragrance Collection, 4-PACK 10 ml/ bottle. Code: 90024100




### Essential Oils

Concentrate of natural fragrances specially produced for our Tylö Fresh fragrance dispenser for saunas and steam baths.
250 ml/bottle.

**Eucalyptus:** Code: 90024040

**Peppermint:** Code: 90024044

**Lavender:** Code: 90024042

**Citrus:** Code: 90024046




### Concentrated Fragrances

For earlier models of Tylö Sauna Fresh and Stream Fresh. 250 ml/ bottle.

Eucalyptus: code 90024060

Peppermint: code 90024064

Lavender: 90024062

Citrus: 90024066



### Helo Sauna Stones

Natural Vulcanite stones that provide excellent heat radiation.

Vulcanite sauna stones - top quality, approved Finnish sauna stones that are durable and provide excellent heat radiation. Although the stones have been washed, we recommend rinsing them again with water before placing them in the sauna heater. Locate the stones loosely around the elements. This will improve the sauna heating time and prolong element life. 50 packages fits on one pallet.

Helo Sauna stones 20 Kg small size for wall heaters.
Code: 0043020

Helo Sauna stones 20 kg big size for floor heaters.
Code: 0043022

# TyloHelo
## SAUNA ACCESSORIES



### Dark Accessories

**Hygrometer** Code: 90152778

**Bucket** Code: 90152772

**Ladle** Code: 90152774





### Premium Pro

These are products to choose if you have a professional sauna or just want really high quality products that last.

### Pro Accessories

Stainless Steel Accessories

**Bucket pro** Code: 90041060

**Hygrometer/Thermometer** pro Code: 90041062



### Shower Barrel

10-litre shower barrel with automatic water refill for a refreshing cool-down after your sauna.

Height with chain: 630 mm.

Code: 90029050

### Classic

Light wood.



### Classic Accessories

Wooden Sauna Accessories

Bucket (Pine,4L) Code: 0038815

Ladle Code: 90121022

Hygrometer/Thermometer Code: 90152813

Thermometer Code: 90152823

### Black Accessories

Tylö Brilliant Black accessories. Made from aluminium which is sand-blasted and anodised.

**Hygrometer.**

Code: 90152420

**Thermometer.**

Code: 90152430

**Bucket**

Code: 90152400

**Ladle**

Code: 90152410

**Hour Glass**

Code: 90152440



### Silver Accessories

Tylö Brilliant Silver accessories. Made from aluminium which is sand-blasted and anodised.

**Hygrometer.**

Code: 90152422

**Thermometer.**

Code: 90152432

**Bucket**

Code: 90152402

**Ladle**

Code: 90152412

**Hour Glass**

Code: 90152442



# TyloHelo

## DOORS FOR SAUNA ROOMS

### Doors for Sauna Rooms

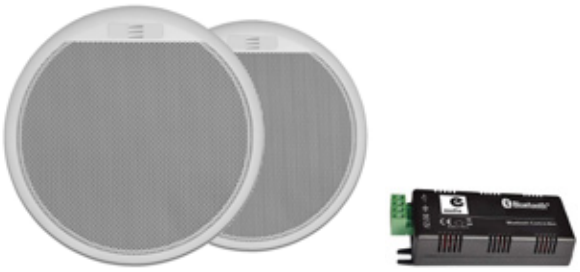
All sauna doors offered by Helo are produced following all safety regulations and customers' expectations. Thermo-treated glass is used in production, which is five times stronger than the usual glass. In order to avoid bending of the jambs due to fluctuation of temperature, all the jambs are made of knot-free glue-laminated birch or alder. Doors can be mounted left or right hinged. Robust pine door with tempered 8mm safety glass.

| | Code | Description | Dimension |
|---|---|---|---|
| | | | mm |
|  | **91031510** | Sauna Glass Door W / Alder Frame 80 x 190<br>Bronzed glass door, width of opening 760 mm, no threshold. | 800 X 1900 |
| | **91031916** | Sauna Glass Door W / Alder Frame 90 x 190<br>Bronzed / Clear glass door, width of opening 860 mm, no threshold. | 900 X 1900 |
| | **91031920** | Sauna Glass Door W / Pine Frame 90 x 200<br>Bronzed / Clear glass door, width of opening 860 mm, no threshold. | 900 X 2000 |
| | **91031924** | Sauna Glass Door W / Pine Frame 90 x 210<br>Bronzed / Clear glass door, width of opening 860 mm, no threshold. | 900 X 2100 |



# TyloHelo

## SAUNA ACCESSORIES



### Sauna and Steam Room Loudspeakers

IP65-rated steam and heat-resistant design. It can be used in challenging temperatures up to 95°C, ideal for steam rooms and saunas.

**Loudspeaker Waterproof**

Outside diameter: 190mm, Depth: 60mm, Weight: 1kg.

Housing- Plastic Grille material- Stainless Steel.

Supplied in pairs Bluetooth amplifier included.

Code: 90803003A



### Transformer LED 0-20W

200-240 V ~/12V DC. Max. load 20W. NB: The transformer must always be installed outside the sauna. Suitable for E90, E28 and LED light strip. LED transformer dimmable on the secondary side.
Code: 90901030



### Transformer LED 6-18W

LED TRANSFORMER 230V~/ 18-52 V DC. Max. load 18 W. Dimmable. NB: The transformer must always be installed outside the sauna. Suitable for Tylö LED downlights. IP class 21.
Code: 90901024



### RGB Lighting

Ready-made package containing LED strip RGB 2 x 1.91 m, transformer and remote control. Code: 90011360

### External Switch 12V

On/off switch to control the sauna from locations other than where the control panel is installed.

Fits Elite and Pure.

Code: 90908048





### Door Contact

Prevents unintentional start-up of the sauna by remote control if the sauna door is open. Code: 90908035





### Ruben Sky LED

The included control gives you a choice of seven pre-installed programmes or the option of creating your own programme with as many as 20 colour changes. Cable connections, 180mm mounting sleeves and electronic equipment are included. Can also be synchronised with lighting behind the backrest.

**Ruben Sky 20 Number:** 20. 11.6 W output. Code: 90011072

**Ruben Sky 30 Number:** 30. 17.4 W output. Code: 90011074

**Ruben Sky 40 Number:** 40. 23.2 W output. Code: 90011076

**Ruben Sky 60 Number:** 60. 34.8 W output. Code: 90011078

# TyloHelo

## SAUNA ACCESSORIES

TyloHelo Sauna Accessories



### Sauna LED Lighting

Includes lighting strips and transformer. Can be installed either inside or outside the sauna (not in the ceiling). Warm-white glow. Voltage 12 V. IP 54. Transformer LED 12 V DC 20 W.

**LED Length 1 x 500 mm. 2,4 Watt.** Code: 90011440
**LED Length 2 x 500 mm. 4,8 Watt.** Code: 90011442
**LED Length 3 x 500 mm. 7,2 Watt.** Code: 90011444
**LED Length 4 x 500 mm. 9,6 Watt.** Code: 90011446
**LED Length 5 x 500 mm. 12 Watt.** Code: 90011448



### Sauna Lamp 40W

For wall mounting. White lamp holder E14. IP 55. Max 40 W. Diameter 90 mm, height 170 mm.
Code: **90011010**



### LED Strip Light

Developed to allow for more subtle lighting effects. 12 V DC. Dimmable. Warm white 3000K.

**LED 38CM** 12V/DC 0.16w
Code: **90011350**

**LED 50CM** 12V/DC 0.25w
Code: **90011352**

**LED 90CM** 12V/DC 0.50w
Code: **90011354**

**LED 190CM** 12V/DC 1.20w
Code: **90011356**



### Lighting Tube

Installed behind the backrest for pleasant, subdued lighting in sauna or steam room. Can be cut to size. 12 V. Connect to 12 V transformer. IP 65.

**Lighting tube 50** Length 50 cm. 15 W output.
Code: **90011192**

**Lighting tube 90** Length 90 cm. 27 W output.
Code: **90011194**

**Lighting tube 190** Length 190 cm. 57 W output.
Code: **90011196**



### Sauna LED Lights

The set includes 12 LED lamps with silver heads, 4.5 metres of cable to each lamp, and the adapter. The colour of the lighting is warm white. The lighting has the property of directed emission with the scattering angle of 35. Code: 3815005-12

- 12pcs 5mm DIP LED
- 4.5m wire for each LED
- Connector with 12pcs holes
- Adapter with 12V,500mA, European plug
- 12pcs / set in a white box
- Cover color: Silver
- Lighting color: warm white
- Wattage 0.65W±10%
- Luminous 39.3lm±10%
- Humidity 0-95%RH
- Cable working temp -20-+85°C
- LED diode working temp -20-+90°C
- Input voltage AC/DC12V
- Life time: 50,000h
- Scattering angle of 35 degrees



### Emergency Push Button

Emergency button suitable for use in saunas, steam rooms and other special applications. Switch Contacts - 2 x DPCO - 5A @30vdc

**The kit includes**

1 x Red surface mount air button, 3 x IP68 cable gland,
1 x Double pole double throw momentary air switch,
1 x 10m of black air tube ,1 x IP65 Enclosure for air switch

Code: **945700E**




### Opus 100 H175

Spotlight LED 6x0,45W. In brushed steel for recessed in the sauna ceiling. The kit is made of 6 luminaires with phase-divisible drive gear, extension cable and connecting cables. The drive unit is capable of powering and dimming 5-12 luminaires. Gives a warm light. (2700K)

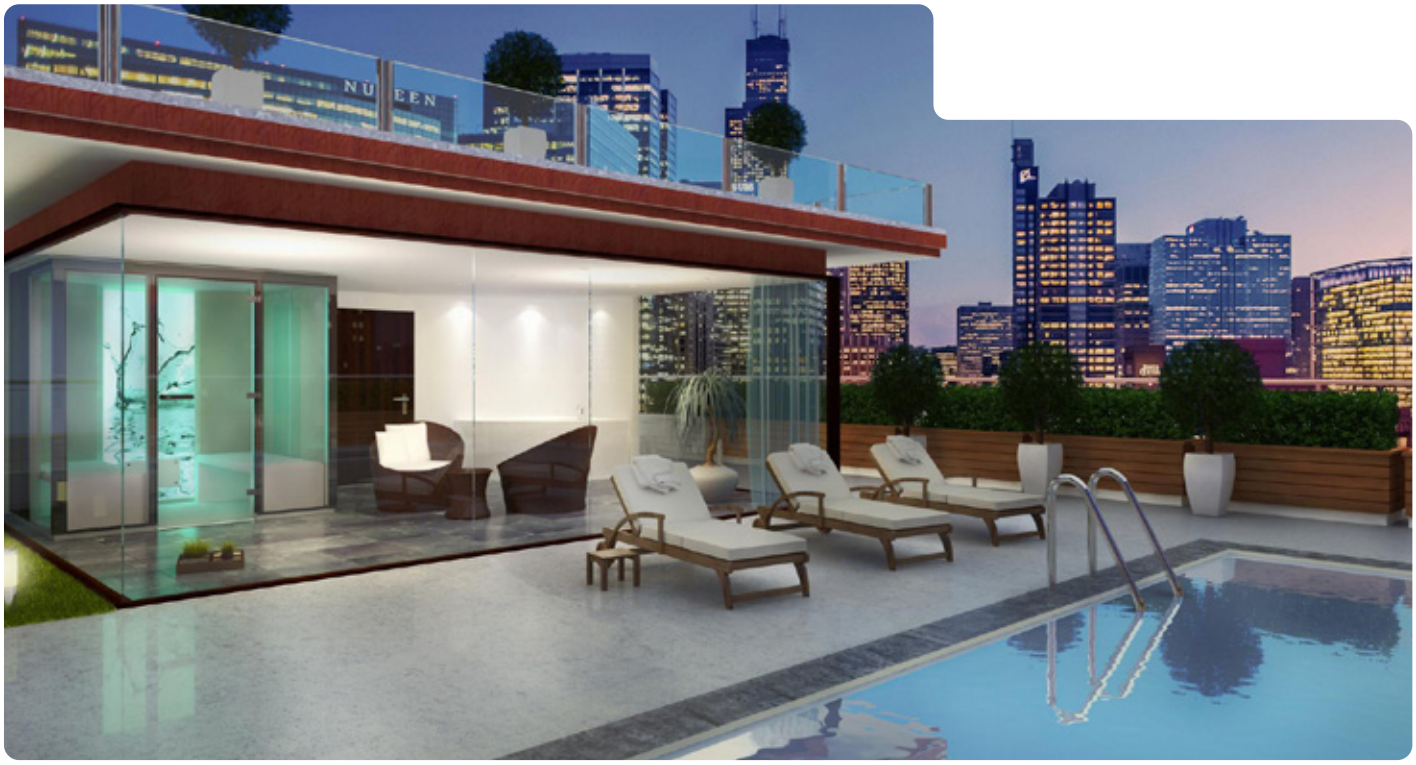
Code: **90011080**

# TyloHelo Panacea

## STEAM BATH

### Steam Room Panacea

The Panacea steam bath soothes both body and soul. The hot steam envelops the body, releasing tension and easing muscle aches, while a variety of light and sound settings provide relaxing additions to the mind. Panacea is available in 6 different standard sizes and comes with a dramatic back-lit wall. Choose between various glass tints and opaque options.



### Steamroom seating



**Stool Corian 66**

Ergonomic and easily portable stool.

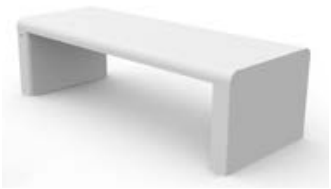
Size: 660 x 310 x 450 mm (LxDxH).

Item no. 96075060

**Stool Corian 35**

Size: 350 x 320 x 420 mm (LxDxH).

Item no. 96075065



**CORIAN BENCH**

Hard-wearing and hygienic bench for larger steam rooms.

**BENCH 1545**

Size: 1545 x 600 x 450 mm (LxDxH).

Item no. 96075050

**BENCH 1945**

Size: 1945 x 600 x 450 mm (LxDxH).

Item no. 96075052

**BENCH 2345**

Size: 2345 x 600 x 450 mm (LxDxH).

Item no. 96075054



# Atecpool Odyssey

## PRE-FABRICATED STEAM ROOMS

### Odyssey Pre-fab Steam Room

| Description | Odyssey Pre-fab Steam Room |
|---|---|
| Material | Tempered glass, Acrylic<br>304 Stainless steel/ Aluminium alloy |
| Options | Frame color: Black/Grey<br>Acrylic finish: White/Blue<br>Plate material option: Acrylic<br>Steam generator: TyloHelo steam generator with Pure/Elite |

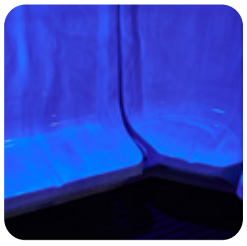


### Odyssey Features

- Constructed of white, high-gloss, easy to clean panels that provide a bright bathing environment.
- Exterior surface and floor not provided.
- Individual molded seats in acrylic integrated into the walls.
- Recessed spotlight at the ceiling contributes to the feeling of clarity, space, and simplicity.
- The cabins can be customized with a choice of seating arrangements, glass panels, or service partitions.
- Equipped with a moveable shower.
- The cabins are sold without steam generator.
- The ceiling has been specially designed to prevent condensation drops from bothering users.

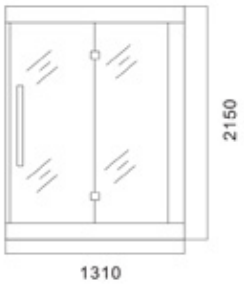
### Odyssey Interior



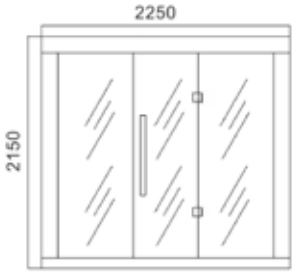



### Pre-fab steam room dimensions

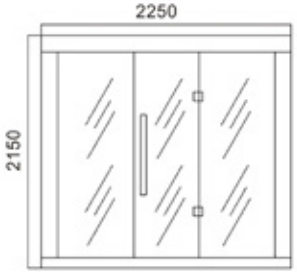
We offer 4 different layout options, with configurations for 2 to 9 people.



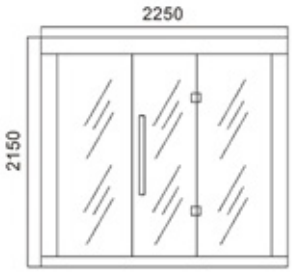

Code: ODY020




Code: ODY050




Code: ODY070




Code: ODY090

# TyloHelo
## STEAM GENERATORS

### TyloHelo Steam Generators

The steam delivery happens quickly and quietly through specifically developed steam nozzles. Have your steam room always ready to go at a moments' notice through the convenience of stand-by mode.

TylöHelo has a strong tradition of providing steam generators for public and private use. Our latest series is fitted with a state-of-the-art control unit to ensure precise operation. Control the steam, lights, timer and other features at the simple touch of a button. Add fragrances and relax. Indulge yourself and all your senses.

### TyloHelo Steam Commercial and Steam Home

Super effective steam generators



#### Steam Home

Our latest compact and effective steam generator for home environments. It offers new and improved features
such as stand-by, an aromatherapy option and improved protection against stoppages.



#### Steam Commercial

Our Steam Commercial steam generator is equipped with a large water tank and is designed to easily connect to our Multi-Steam function – an effective way to avoid stoppages in frequently used systems.

### Steam Generators

| Model | Code | Output | Steam room's min./max. volume (m³) | | | | Steam production | Size (LxWxH) | Suitable control panel |
|---|---|---|---|---|---|---|---|---|---|
| | | | Light wall made of glass plastic, Elysé Excellent room, etc. | | Heavy wall made of tiles, concrete, stone, etc. | | | | |
| | | kW | With ventilation | Without ventilation | With ventilation | Without ventilation | kg/h | mm | |
| **Steam Home** | **66210120** | 3<br>6<br>9 | -<br>3-8<br>6-16 | max. 3<br>4-15<br>13-24 | -<br>2-5<br>4-10 | max. 2<br>2.5-8<br>7-16 | 3.5<br>8<br>12 | 480 x 350 x 159 | Elite or Pure |
| **Steam Commercial** | **66210150**<br>**66210152**<br>**66210154** | 9<br>12<br>15 | 6-16<br>14-22<br>18-25 | 13-24<br>22-30<br>28-38 | 4-10<br>8-15<br>10-19 | 7-16<br>14-20<br>18-25 | 12<br>16<br>20 | 585 x 415 x 230 | |
| **Steam Commercial 2x9**<br>**2x12**<br>**2x15** | **66210150X2**<br>**66210152X2**<br>**66210154x2** | 18<br>24<br>30 | 20-30<br>28-40<br>36-50 | 28-40<br>38-50<br>56-76 | 13-20<br>18-30<br>32-42 | 18-30<br>28-40<br>42-57 | 24<br>32<br>40 | | |
| **Steam Commercial 3x9**<br>**3x12**<br>**3x15** | **66210150X3**<br>**66210152X3**<br>**66210154x3** | 27<br>36<br>45 | 38–45<br>43–60<br>54–75 | 46–60<br>58–70<br>84–114 | 28–40<br>38–50<br>47–63 | 38–52<br>48–60<br>60–75 | 36<br>48<br>60 | | |

# TyloHelo
## STEAM GENERATORS

### Helo Steam PRO

The new Helo Steam Pro generator automatically prevents overheating and dry running, should there be an interruption to the water supply. The generator saves time on maintenance and downtime thanks to its automated filling function. For added convenience flushing and emptying functions are available, as well as the possibility to run several units through serial connection.




### Helo Steam Pro Specifications

- **Available sizes:**
  9.5 / 12 / 14 / 16 kW
- **Features:**
  Standby Function Automatic flush, Safety flush. Two aux outputs for fragrance/salt. Ganging with RJ connectors (1+2units). Resettable high limit switch. New drain valve
- **Available Add-on:**
  Push button for activation from Standby

### Helo Steam

The Helo Steam generator for private use is based on the newest available technology. It sets a whole new level for user interface and reliability. It comes equipped with two auxiliary compartments for salt/fragrances for added comfort. It is also possible to order it with optional drain valve and automatic flush functionality.




### Helo Steam Specifications

- **Available sizes:**
  3.4 / 4.7 / 6 / 7.7 kW
- **Features:**
  Two aux outputs for fragrance/salt
  Resettable high limit switch
- **Available Add-on:**
  Automatic flush
  New drain valve

### Steam Generators: Helo Steam and Steam Pro

| Model | Code | Power | Steam room's min./max. volume (m³) | | | | Steam production | Size (LxWxH) | Suitable control panel |
|---|---|---|---|---|---|---|---|---|---|
| | | | Thin wall of glass or plastic | | Heavy wall of tile, concrete or stone | | | | |
| | | kW | With ventilation | Without ventilation | With ventilation | Without ventilation | kg/h | | |
| **Helo Steam 34** | **002100** | 3.4 | 2-6 | 2-7 | 2-4 | 2-5 | 5 | 636 x 380 x 164 | Elite or Pure |
| **Helo Steam 47** | **002101** | 4.7 | 3-7 | 3-8 | 2-5 | 2-6 | 6 | 636 x 380 x 164 | |
| **Helo Steam 60** | **002102** | 6 | 4-9 | 4-13 | 3-6 | 3-7 | 8 | 636 x 380 x 164 | |
| **Helo Steam 77** | **002103** | 7.7 | 6-11 | 6-15 | 4-8 | 5-9 | 10 | 636 x 380 x 164 | |
| **Helo Steam Pro 95** | **002104** | 9.5 | 9-13 | 9-17 | 6-9 | 7-11 | 13 | 636 x 380 x 164 | |
| **Helo Steam Pro 120** | **002105** | 12 | 11-18 | 12-24 | 8-12 | 9-16 | 16 | 636 x 380 x 164 | |
| **Helo Steam Pro 140** | **002106** | 14 | 14-22 | 18-30 | 10-14 | 11-17 | 19 | 636 x 380 x 164 | |
| **Helo Steam Pro 160** | **002107** | 16 | 17-25 | 23-35 | 12-16 | 12-18 | 21 | 636 x 380 x 164 | |

*All models are in black and installation is done on the wall

# TyloHelo
## STEAM ACCESSORIES

### TyloHelo Steam Accessories

### Water softener

| Code | Description |
|---|---|
| 90908027 | Water softener Premier Compact |
| 90903005 | Water softening salt (3-packs) |
| 9090150H | Residential water softener |
| 90903105 | Water softening salt (1-pack) |


90908027



90903005


9090150H


90903105

### Fragrance Pump

Available as an option for your steam generator and connects directly to the outlet pipe. Add any 5-litre concentrated fragrance. Code: 101-120

**Concentrated fragrance**

Suitable for professional use.

Eucalyptus: code 90024000

Peppermint: code 90024004

Lavender: 90024002

Citrus: 90024006






### Bahia home and pro steam outlet

The Bahia steam outlet is the obvious choice for form, function and aesthetics. Tempered safety glass design with Corian® or high-gloss plastic.

Bahia Pro: tempered safety glass and Corian® Size: B:500mm / H:300mm. Code: 90029252

Bahia Home: tempered safety glass and high-gloss plastic. Size: B:280mm / H: 180mm. Code: 90029254



### Domes

Turn your shower into a steam bath with a one-piece dome in special-grade plastic with assembly profiles of natural anodised aluminium. Made to measure (TK special). Max. length 200 cm. Domes can be fitted with profiles and doors. Contact customer care for made-to-measure orders.



### Steam outlet grace

Steam head with integral dispenser for Tylo fragrances. Connect to the steam generator's steam pipe. Code: 96000558



### Steam Nozzle

Positioned within the cabin to provide the most effective distribution of steam. Code: 7819604



### Auto Drain Valve

Automatically drains water tank after every use, reducing limescale and minimising downtime for service. Includes connecting cable. 230V AC / 5W / IP67.Code: 4310135

# TyloHelo

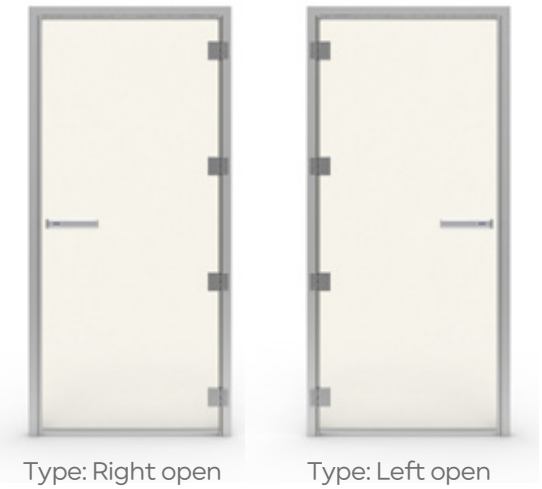
## DOOR FOR STEAM ROOMS

TyloHelo Steam Accessories

### Steam Room Door

Our top-quality doors are specially manufactured to withstand the considerable temperature differences between the outside and inside of the steam room without warping or becoming deformed.

Tempered safety glass door. Available with either tinted glass or clear glass. The new steam door G60 has no threshold, a major advantage in facilities requiring disabled access, and is fitted with four hinges to complement the designs of other doors in the DGL and DGB ranges.



Type: Right open



Type: Left open

### Steam Door: tinted glass

9 x 19 right open Code: 90912250
9 x 20 right open Code: 90912254
9 x 21 right open Code: 90912258
10 x 19 right open Code: 90912262
10 x 20 right open Code: 90912266
10 x 21 right open Code: 90912270
9 x 19 left open Code: 90912274
9 x 20 left open Code: 90912278
9 x 21 left open Code: 90912282
10 x 19 left open Code: 90912286
10 x 20 left open Code: 90912290
10 x 21 left open Code: 90912294

### Steam Door: clear glass

9 x 19 right open Code: 90912252
9 x 20 right open Code: 90912256
9 x 21 right open Code: 90912260
10 x 19 right open Code: 90912264
10 x 20 right open Code: 90912268
10 x 21 right open Code: 90912272
9 x 19 left open Code: 90912276
9 x 20 left open Code: 90912280
9 x 21 left open Code: 90912284
10 x 19 left open Code: 90912288
10 x 20 left open Code: 90912292
10 x 21 left open Code: 90912296



# TyloHelo
## STEAM ACCESSORIES

### TyloHelo Steam Accessories

### Steam Room LED Lights




Helo Steam Room Lights are LED lights, rated IP67. The set includes 4 LED lamps with silver heads, 1.5 metres of cable to each lamp, and the adapter. The colour of the lighting is warm white. The lighting has the property of directed emission with the scattering angle of 35.

### Specifications

- 4pcs 5mm DIP LED
- 1.5m wire for each LED
- Connector with 4pcs holes
- Adapter with 12V DC, 500mA, European plug
- 4pcs/set in a white box
- Cover color: Silver
- Lighting color: warm white/cool white
- Wattage 0.65W+10%
- Luminous 39.3lm+10%
- Cable working temp -20-+85°C
- LED diode working temp -20-+90°C
- Humidity 0-95%RH
- Input voltage AC/DC 12V
- Life time: 50,000h
- Scattering angle of 35 degrees

| | Code | Description |
|---|---|---|
|  | 3815005 | **Steam Room LED Light**<br>4pcs in a set with power adaptor 12V DC, 500mA<br>cool white/warm white, IP67 |



### Steam Room Lighting

Helo Steam Room Lights rated IP67.

| | Code | Description |
|---|---|---|
|  | 90011098 | **Downlight with Halogen LED adapter**<br>Light round LED. |



### Steam Room Spotlight

Helo steam room spotlights rated IP65

| | Code | Description |
|---|---|---|
|  | 90011040 | **Spotlight LED steam**<br>Small 4.3W minidown light<br>Input voltage 230V AC |

# Steam Room

## WALL / DOME CONSTRUCT

### Wall-Dome Construct

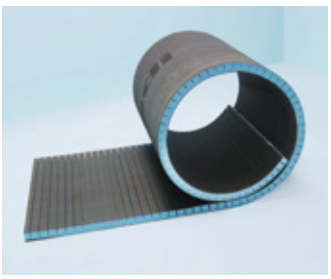
Atecpool building boards have a blue core made from CFC-free extruded polystyrene rigid foam.

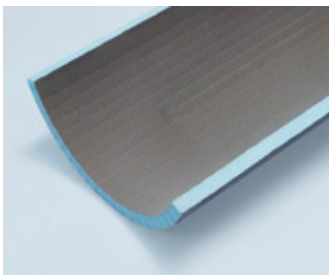
This makes the Atecpool building board an ideal basis for any type of plaster and tile. Atecpool building boards can be applied to practically any substrate, waterproof, insulating, versatile, light and robust.

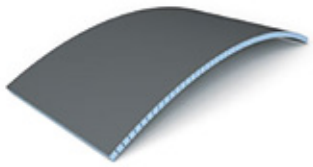
Atecpool Construct building board, offers many possibilities when it comes to designing customised forms. Whether you are looking for small radii or semicircular solutions, thanks to the pre-cut profiles the Construct building board gives you the freedom to be creative.

- The blue XPS core is 100% waterproof and remains fully functional even after possible damage.
- abP*: building board butt joints can be sealed 100% simply by using adhesive sealant. As no other seal is necessary, craftsmen benefit from increased security accompanied by a shorter tiling time.
- The cemented surface is a good adhesive under-surface. The fibre fabric also absorbs tensile forces.
- All building board systems have great heat insulation properties,

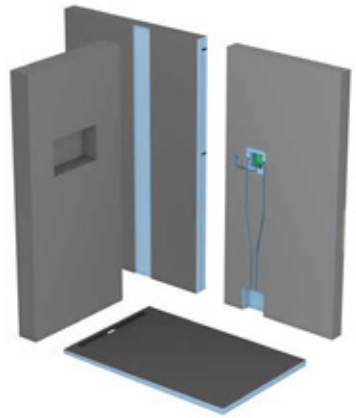








### Atecpool Wall-Dome Construct



Shapeable building boards.

| Code | Description | Dimensions (mm) | | |
|---|---|---|---|---|
| | | Length | Width | Thickness |
| **W2500-600** | Atecpool Building Board Wedi Construct | 2500 | 600 | 30 |
| **W1200-600** | Atecpool Building Board Wedi Construct | 1200 | 600 | 20 |

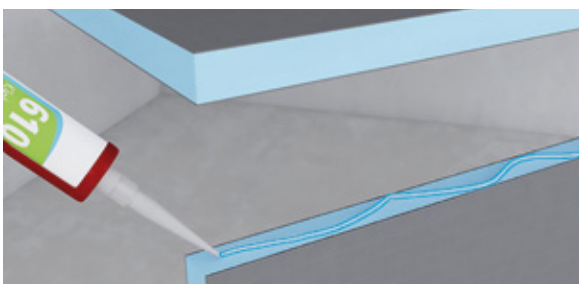
### Building board construct, lengthwise, calculation of diameter

| Thickness | External diameter |
|---|---|
| mm | mm |
| **30/20** | 538 |

### Adhesive Sealant

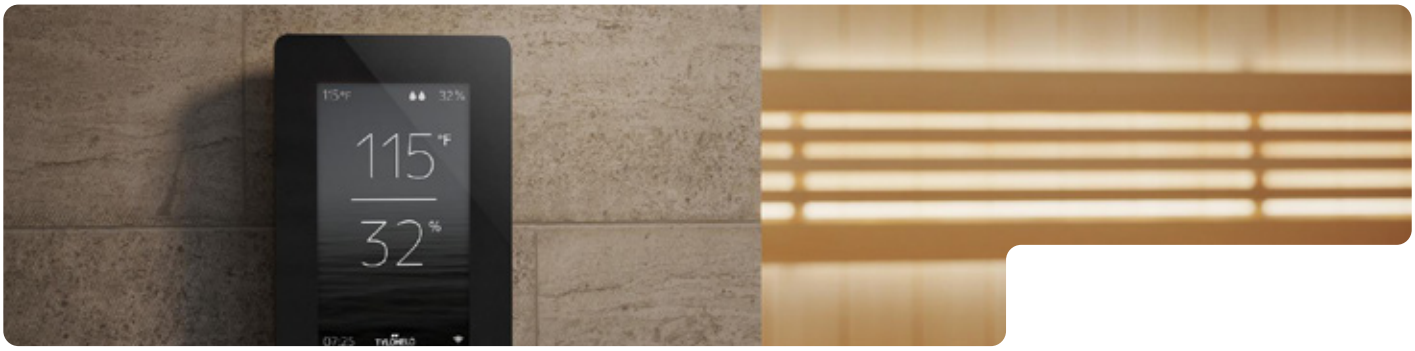
Assembly materials for building boards.




| Code | Description | Content |
|---|---|---|
| | | ml |
| **SEAL310** | Adhesive Sealant for Wedi Construct | 310 ml |

# TyloHelo
## CONTROL PANELS




### TyloHelo Control Panels

The user interface, developed for mobile devices and personal computers, perfectly emulates that of the steam room's or sauna's control panel. Through sensible engineering, the outcome is highly usable functionality, allowing bathers to log on to the control panel through the app over their local WiFi network and control their sauna and steam bath.

On both the control panel itself and via the app it is possible to create and save several different user profiles and favourite settings, and set different schedules. In commercial settings, it is possible to manage multiple units from one point of access, and set unique profiles for different locations.

### Elite > Effortless bathing




The new control panel Elite from TylöHelo is packed with advanced features, thanks to its internal processor and operating system. In addition to highly personalized settings, the Elite can be individually programmed according to your own schedule.

Add features such as auxiliary fans, fragrance pumps or lights – the Elite control panel handles it all with clear and concise precision. The 4.5-inch touch screen delivers real-time status on every aspect of your sauna and steam bath. Naturally, it includes steam and temperature settings and local WiFi app-connectivity.

#### Features

- Set temperature and humidity
- Can create multiple user profiles
- Control sauna/steam via local WiFi and app
- Set different schedules for different week days
- Set specific profiles for specific times or dates
- Instant fault notification

### Pure > Intuitive design and features




The elegant, compact design of TylöHelo's Pure control panel makes it the go-to choice for those who value functionality and simplicity. The thin black control lets you set the lighting, temperature and sauna time easily with only a few touches. Of course, choosing the start time up to ten hours in advance means you can step into a wonderfully hot sauna or steam as soon as you get home (Door contact needs to be added).

#### Features

- Touch control
- Temperature Display
- Set temperature/bath time
- Delayed start and Lighting control

# TyloHelo
## CONTROL PANELS

### TyloHelo Control Panels

| | Model | Code | Size WxHxD | Features | For sauna or steam? | Suitable sauna heater | Relay box required? | Suitable steam generator |
|---|---|---|---|---|---|---|---|---|
| | | | mm | | | | | |
|  | **Pure** | **72001430** | 85x127x12 | Thermostat controlled touch control panel, for installation inside or outside the sauna or steam room. | Both | Sense Pure - included | No | Steam Home<br>Steam Commercial |
| | | | | | | Sense Combi Pure - included | No | |
| | | | | | | Expression | Yes, relay box Commercial Lite | Helo Steam<br>Helo Steam Pro |
| | | | | | | Sense Commercial 6–10 kW | Yes, relay box Commercial Lite | |
| | | | | | | Sense Commercial 16–20 kW | Yes, relay box Commercial | |
|  | **Elite** | **72005040** | 85x127x12 | The multi-disciplinary control panel is packed with advanced features, thanks to its internal processor and operating system. Naturally it includes energy saving functions and WiFi/App connectivity. | Both | Sense Elite - included | No | Steam Home |
| | | | | | | Sense Combi Elite - included | No | |
| | | | | | | Expression | Yes, relay box Commercial Lite | Steam Commercial<br>Helo Steam<br>Helo Steam Pro |
| | | | | | | Sense Commercial 6–10 kW | Yes, relay box Commercial Lite | |
| | | | | | | Sense Commercial 16–20 kW | Yes, relay box Commercial Lite | |
|  | **OT 2 PLE** | **OT2PLE** | 250x220x80 | Control Unit, 400V, 3 phase, white. | Sauna | Helo Cup | No | No |
|  | **WE40** | **001352** | - | WE 40 contactor box is compatible with the SKLE heater models 1051 - 1501 and with Cup heaters with an efficiency of 4.5 - 9 kW. Connection to PURE or ELITE panel through Contactor Box (WE40) for CUP and SKLE. | | | | |
| | **WE50** | **001353** | - | WE 50 is for 230-240V 3 ~ voltage. SKLA models 181, 210, 260. Connection to PURE or ELITE panel through Contactor Box (WE50) for SKLA. | | | | |



# TyloHelo
## INFRARED CABINS

TyloHelo Infrared Cabins > Relax and Detox

With rapid heat-up time, your infrared room is energy efficient and ready-to-go at the blink of an eye. Experience the deep-penetrating heat that infrared heat therapy rooms and panels can provide. The infrared waves reach deeper into your tissues, relieving aching muscles of pain and stiffness.



### Benefits of Infrared Bathing

**1. Time-friendly**

There's no waiting for an infrared sauna to heat up, so you can easily enjoy its benefits anytime.

**2. Planet-friendly**

Even with daily use, Infrared technology uses as little or less electricity than many other common household appliances.

**3. Family-friendly**

Infrared saunas are safe and easy to use for kids and adults alike.

**4. Releases muscle tension**

The gentle warmth of infrared heat therapy rooms loosens muscle knots and relieves back pain. For active people the infrared treatment releases muscle tension and helps to prevent injuries and regenerate faster from training.

**5. Prevent flu and cold**

Infrared sauna boosts blood circulation and helps stimulate the production of white blood cells, aiding the immune system in its response to virus and bacteria. Regular sauna bathing dramatically lowers the risk of catching common colds, even those caused by viruses.

**6. Stress less and relax more**

Finding stress relief and ways to relax is fundamental to our health. Infrared sauna promotes relaxation and balances the body's levels of cortisol. Cortisol is a stress hormone, and excessive amounts of it can result in many different health issues such as a weaker immune system, weight problems and insomnia. The heat also raises the amount of serotonin, the "feel good-hormone", in our blood.

**7. Supporting heart health**

The high temperatures in the sauna increase the heart rate, thereby giving the heart a healthy "workout". Infrared saunas can also lower blood pressure, something that provides a similar effect.

# TyloHelo
## INFRA-RED CABINS

### Infrared Rooms

#### T-810 Series 1-Person



Size: 913x913x1938mm
Code: 95109100

Size: 913x913x1938mm
Code: 95109110

#### T-870 Series 3-Person



Size: 1301x1301x1938
Code: 95109106

Size: 1301x1301x1938
Code: 95109116

#### T-820 Series 2-Person



Size: 1213x1013x1938mm
Code: 95109102

Size: 1213x1013x1938mm
Code: 95109112

#### T-825 Series 2-3 Person



Size: 1633x1078x1938mm
Code: 95109104

Size: 1633x1078x1938mm
Code: 95109114

#### Combination Sauna 2 in 1

Why limit your sauna enjoyment? Enjoy the infrared heat in a traditional Tylö sauna! Our efficient IR panels are in hemlock wood and the fabric is now available in both black and grey. Install as separate panels in an existing traditional sauna room or as a complete set in a separate infrared sauna room.



# TyloHelo

## INFRA-RED CABINS



### TyloHelo Infrared Cabins > Relax and Detox

Fast assembly with no tools—with wall panels mounted onto an easy-fit base and topped with easy-fit ceiling panel. Prefabricated wall panels, benches and floor in clear Hemlock—for a sauna with "furniture quality". The exterior surfaces are finished with biodegradable wood treatment—for a more luxurious look and for ease of maintenance. The CarbonFlex® infrared heaters, integral with wall panels, with heater surface area and wattage designed to give even, enveloping heat on all sides. Custom built infra room panels are controlled using Elite Control panel with relay box Commercial Lite.



### Infra Panel

**Black** 980 x 360 mm, 150w, 230V. Code: 90011295
**Grey** 980 x 360 mm, 150w, 230V. Code: 90011302
**Black** 980 x 680 mm, 300w, 230V. Code: 90011298
**Grey** 980 x 680 mm, 300w, 230V. Code: 90011304
**Black** 980 x 275 mm, 100w, 230V. Code: 90011300
**Grey** 980 x 275 mm, 100w, 230V. Code: 90011306



### Infra Wi-Fi IR2 Control Panel

- Custom built infra room panels are controlled using Elite Control panel with relay box Commercial Lite.
- Wi-Fi capability
- Mobile app available with worldwide functionality from anywhere there is cell or data service
- Dimensions: H 141 mm, W 84,5 mm, D 8 mm
- Intuitive display (time/temp/lighting/system status)
- 24-hour time delay via Mobile App
- 60-minute timer Built-in RGBW light control with dimmer
- Built-in Bluetooth audio
- Voice control compliant with Alexa, Google and Siri

### Color therapy > Psychological and therapeutic effects of color.

Psychological and therapeutic effects of color.



#### Red

Is the symbol of love and of life itself; with its penetration power, which is the highest of all colours; it is recommended for treatment of impeded circulation, muscles and heart. It generates enthusiasm, arouses passion and has a cheering effect.



#### Yellow

Is a clear purifying colour, which stimulates clarity of intellect, as well as toxin processing and elimination. It can help with learning disabilities and with strengthening of the endocrine functions.



#### Green

Is a cooling, sedating colour, which helps reduce swelling of joints and tissues; it calms the body and helps reduce inflammation. It's the colour of the relaxed heart.



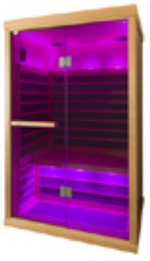
#### Turquoise

Is the colour for mental relaxation and tackling embedded psychological barriers. It acts as a tonifier and can help regulate imbalances in the lung and large intestine system. It is a colour that facilitates spiritual growth.



#### Blue

Is a cool colour that has a calming effect, inside as well as on the outside. It is very helpful in treating sleep disorders and headaches, yet also smooth elasticity of muscles in the organism. It helps in all kinds of cramps and can have an antibacterial effect.



#### Violet

Promotes awareness and consciousness. It increases effects of meditation. It promotes proper functioning of the lymphatic system and is a very helpful in times of menopause. It is the colour for neutralizing emotional wounds and for spiritual growth.

# Experience Shower

## NIAGARA RAIN STAINLESS STEEL

### Niagara rain experience shower with ceiling element SS

**FUNCTION DESCRIPTION**

**Programme 1: Tropical Rain**

After the start of the programme by a button, the light in the shower changes from white to red. A warm Tropical Rain with big, smooth drops patters onto the guest in the shower. You hear birds tweeting. After the end of the programme, the illumination changes back to white, the Tropical Rain and the sound are switching off.

**Programme 2: Fog Shower**

After the start of the programme by a button, the light in the shower changes from white to blue. A cold, refreshing Fog with very fine droplets starts to spray. In a distance you hear the sound of waves and sea. After the end of the programme, the illumination changes back to white, the Fog and the sound are switching off.

**Programme 3: Niagara Rain**

The programme starts with the cold, refreshing Fog Shower and blue light. In a distance, you hear the sound of waves and sea. In the following, the warm Tropical Rain with big, smooth drops increases the water volume and works together with the cold Fog. The illumination in the shower changes to a red-green colour change. In the last step of the programme, the warm Tropical Rain stops and the programme finishes with the cold Fog and a bluegreen colour change. After the end of the programme, the illumination changes back to white, the Fog and the sound are switching off.



**Niagara rain control panel parts**

Control panel incl. listed parts, pre-tubed, pre-wired and pre-mounted on PP board grey

- 2 x inlet with pre-filter and ball valve MS 1/2" IG
- JRG 1/2" thermostatic mixer with check valves
- 2 x outlet with solenoid valve 1/2" and screw connection 1/2"
- Microprocessor controller EDS1 in housing

### Parts included



- 1 x Ceiling element stainless steel chrome optic (Rain Shower, Mist - 8 LED RGB Spots)
- 1 x Push-button plate 3-fold stainless steel polished
- 1 x Sound module with MP3 player
- 1 x Damp room loudspeaker

### Technical Data

| Code | ESNIAGARA103 |
|---|---|
| Description | Niagara Experience Shower SS |
| Electrical supply | 230 V AC, 50 Hz |
| Power supply | 100 W |
| Water supply | 2 x ½" female thread |
| Dimensions WxHxD | 500 x 650 x 200 mm |
| Weight | 7 kg |

### Niagara Rain experience shower SS



# Experience Shower

## NIAGARA RAIN PVC

### Niagara rain experience shower with ceiling element PVC

**FUNCTION DESCRIPTION**

**Programme 1: Tropical Rain**

After the start of the programme by a button, the light in the shower changes from white to red. A warm Tropical Rain with big, smooth drops patters onto the guest in the shower. You hear birds tweeting. After the end of the programme, the illumination changes back to white, the Tropical Rain and the sound are switching off.

**Programme 2: Fog Shower**

After the start of the programme by a button, the light in the shower changes from white to blue. A cold, refreshing Fog with very fine droplets starts to spray. In a distance you hear the sound of waves and sea. After the end of the programme, the illumination changes back to white, the Fog and the sound are switching off.

**Programme 3: Niagara Rain**

The programme starts with the cold, refreshing Fog Shower and blue light. In a distance, you hear the sound of waves and sea. In the following, the warm Tropical Rain with big, smooth drops increases the water volume and works together with the cold Fog. The illumination in the shower changes to a red-green colour change. In the last step of the programme, the warm Tropical Rain stops and the programme finishes with the cold Fog and a bluegreen colour change. After the end of the programme, the illumination changes back to white, the Fog and the sound are switching off.



**Niagara rain control panel parts**

Control panel incl. listed parts, pre-tubed, pre-wired and pre-mounted on PP board grey

- 2 x Supply with pre-filter and ball valve MS ½"female thread
- Thermomixer JRG ½" with non-return valves
- 2 x Outlet with solenoid valve ½" and screwing ½"
- Microprocessor controller EDS1 in housing

### Parts included



- 1 x Ceiling element PVC white Ø 800 x 19 mm, with 3 LED spots RGB Ø 48 mm, including SAU light control and 7 m connection cable with 4 connections for 4 nozzles
- 1 x Button plate 3-fold aluminum dibond
- 1 x Sound module with MP3 player
- 1 x Damp room loudspeaker

### Technical Data

| Code | ESNIAGARA107 |
|---|---|
| Description | Niagara Experience Shower PVC |
| Electrical supply | 230 V AC, 50 Hz |
| Power supply | 100 W |
| Water supply | 2 x ½" female thread |
| Dimensions WxHxD | 500 x 650 x 200 mm |
| Weight | 7 kg |

### Niagara Rain experience shower PVC



# Vichy Shower

## THERMOTHERAPY SHOWER

### Atecpool Vichy Rainbow Shower

Atecpool Vichy shower head is equipped with micro nozzles assembled in two rows. It sways back and forth, showering the body from feet up to neck. Very fine water jets massage the body simulating sea waves, a gentle rain shower or intensely stimulating drops. The water flows over sparkling Swarovski crystals that diffuse flicker-free coloured LED light onto the body for the ultimate relaxation shower. The Vichy Rainbow Shower needs 150-250 litres of water per treatment, the same as for a bath.

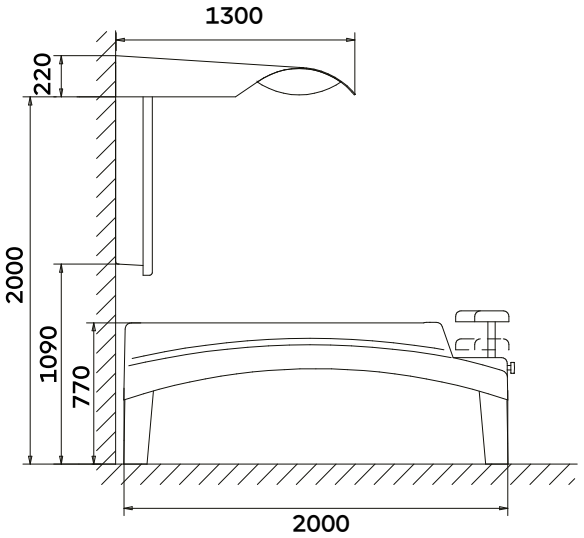


### Atecpool Vichy Rainbow Shower Components

- 1xShower arm incorporating the drive motor for permanent swiveling of the shower pipe. Color: white.
- 1xHose in hose construction for an even water distribution over the entire body and for the integration of the LED spots and Swarovski-Crystals.
- 1xInstallation casing, in design adapted to the shower arm, to incorporate the fittings as well as the thermostatic mixer with scalding protection and valves.
- Color: white.
- 1xElectronic control unit with digital display for the functional sequences.
- 1xDosing pump system for adding cosmetic and therapeutical products, electronically controlled.
- 1xTank for placing the products and the suction connection.
- 2xMeasuring vessels for 50 ml and 200 ml.
- 2xMagnetic valves to regulate the mixed water and to control the "cold water" sequence, controlled by remote air switch.
- 1xAdditional shower fittings for cleansing purposes with shut-off valve, shower head and mounting device.
- 1xSet of high-pressureconnection hoses.

### Technical Data

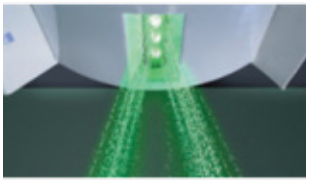
| Code | VICHY710 |
|---|---|
| Description | Atecpool Vichy Rainbow Shower |
| Dimensions (LxWxH) | 1300 x 650 x 1170 mm |
| Electric supply | 230 V, 50 Hz, 100 Watt |

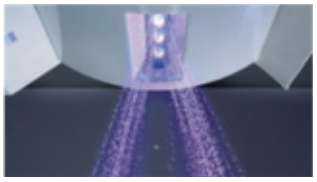


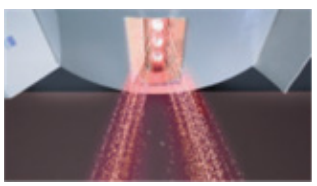

### Vichy Couch

The comfortable couch made of plastic material is ideally suited to wet areas. The lying surface is made of high-quality, textured acrylic glass. It has a high degree of comfort due to the height-adjustable head board, the lower-positioned arm supports and the splash guard.









# Atecpool Cryotherapy

## THERAPEUTIC THERMAL CONTRAST

### Atecpool Cryo Chamber Y07

Atecpool Cryo Chamber Y07 that uses liquid nitrogen to quickly lower the ambient temperature, stimulating the body's self-repair and effectively relieving pain. Designed for ultimate recovery and performance, it targets the body while excluding the head and offers personalized customization options.



### Advantages of Cryo Chamber Y07

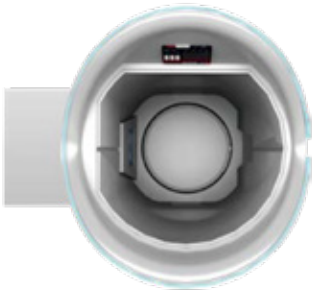
- Speed pre-cooling intelligent temperature control
- Signs monitoring
- Real-time monitoring of liquid nitrogen consumption
- Mobile remote control
- PMMA Material
- Large screen display
- Electrical shock resistance test
- Automatic electric door

### Technical Data

| Code | CRYOY07 |
|---|---|
| Description | Atecpool Cryo Chamber Y07 |
| Maximum power | 2300W/220V |
| Cryotherapy temperature range | 0°C ~ -180°C |
| Liquid nitrogen consumption rate | 1.5L/min/0.5Mpa |
| Maximum working pressure | 2.0Mpa |
| Oxygen Supply Rate | 0.651m³/min |
| Chamber size (L x W x H) | 1600x1000x2400mm |
| Expanded size (L x W x H) | 2300x2200x2400mm |



Expanded View



Top View

### Key features of Cryotherapy

- Improves sleep
- Promotes collagen
- Burns fat
- Reduces injury
- Improves performance

### Atecpool Cryo Chamber Electric E08

Atecpool Cryo Chamber Electric machine uses freshly oxygenated cool air to fill the chamber, exposing your entire body to ultra-low temperatures for full-body cooling. Atecpool's electric full-body cryo chamber is super-efficient, safe, and convenient, providing unlimited cooling energy for daily use.



### Technical Data

| Code | CRYOE08 |
|---|---|
| Description | Atecpool Cryo Chamber E08 |
| Maximum power | 14kW/380V |
| Cryotherapy temperature range | 0°C ~ -130°C |
| Air Duct Type | Surround Cold Recovery |
| Cabin Size | 2000x1400x2450mm (L x W x H) |
| Refrigeration Method | Electric Refrigeration |
| Refrigeration mode | 5kW |
| Maximum Pressure | 2.0Mpa |
| Oxygen Supply Rate | 0.651m³/min |
| Operation Mode | Tablet + Screen + Physical Buttons |

### Advantages of Cryo Chamber E08

- Precise temperature control technology.
- Extremely fast pre-cooling technology.
- Real-time sign monitoring technology.
- Low-temperature equilibrium surround technology.
- Environmental Drying Technology.
- Humanized regulation.
- Intelligent voice control.

# Gassner Ice Mirror Tub

## THERAPEUTIC THERMAL CONTRAST




**3°C**
pure kick upto
**40°C**
pure relaxation

Gassner Ice Mirror Tub

**Longevity through the power of water.**
The ICE MIRROR TUB is a compact designer tub for flexible, holistic, year-round plug-and-play use. It is the secret to enhanced well-being and regeneration, combining conscious and mindful bathing in cold and warm water. Whether after a workout, a long day at work, or as a mindful ritual: the targeted use of cold and heat.

- activates vital processes such as metabolism and blood circulation
- stimulates the release of the body's own happiness hormones
- promotes mental balance
- accelerates muscle recovery
- reduces stress
- lifts your mood and increases energy
- improves sleep quality

## Ice bathing at the highest level

The tub was deliberately designed to be compact, featuring an ergonomically shaped stainless steel body, elegant natural stone contours, and high-quality, weather-resistant real wood cladding.

Experience stainless steel in its most beautiful form, with a wide range of upgrade options and customizable shapes. Whether comfortable headrests, elegant light lines, or wood paneling tailored to your interior design concept – the ICE MIRROR TUB blends harmoniously into your personal environment.

**The Perfect Moment in Stainless Steel.**
Designed as a space-saving one-piece tub, the ICE MIRROR TUB fits perfectly into any indoor or outdoor environment – such as gardens, terraces, training areas or spas. Thanks to its plug-and-play system, it's ready for immediate use.
Equipped with a powerful heat pump, it offers dual temperature control from 0–40 ° C – ideal for contrast therapy. This flexibility allows for both invigorating cold stimulation and soothing warmth, tailored to personal needs and the season.
The durable stainless steel surface is hygienic, easy to clean, and low-maintenance. Installation and setup are quick and straightforward.

### Specifications

- Ergonomically shaped stainless steel body
- Elegant natural stone surround
- Resistant real wood cladding
- High-quality thermal cover
- Advanced water treatment and technology
- Smart control via app

### Technical Details

- External dimensions: 2000 x 1160 x 670 mm
- Internal dimensions: 1640 x 800 x 560 mm
- Water volume: approx. 400 L
- Empty weight: 250 kg

| Code | Description |
|---|---|
| | |
| ICEBATHMIRROR | Gassner Ice Tub |



# Atecpool Ice bath

## THERAPEUTIC THERMAL CONTRAST

### Atecpool Ice bath

Ice baths offer several health benefits backed by scientific research, including:

**Sports Recovery and Better Performance**
Ice baths have become a widely used method among athletes to speed up muscle recovery after intense workouts or competitions.

**Stress Relief and Better Sleep**
Cold therapy may help lower chronic inflammation and night time stress hormones, promoting better relaxation and sleep quality.

**Increase Metabolism**
Cold exposure can significantly boost metabolism by activating brown fat, leading to greater calorie burn and heat production.




### Ice bath specifications

| Description | Atecpool Ice bath |
|---|---|
| Code | ICEBATH |
| Product size | 1950x900x710mm |
| Bath tub material | High Strength Acrylic |
| Frame | Stainless steel |
| Built-in chiller | 1HP Chiller |
| Paper core filter system | Yes |
| Filtration system | Yes |
| Ozone Disinfection | Yes |
| LED light | Yes |






### Technical Data

| Description | Unit | Atecpool Ice bath |
|---|---|---|
| Approximate Chilling Time From 23°C to 5°C | hrs | 5 |
| Heating Water Temp. Range | °C | 15~40 |
| Cooling Water Temp. Range | °C | 28~2 |
| Operating Ambient Temp. Range for Heating | °C | -5~43 |
| Operating Ambient Temp. Range for Cooling | °C | 10~43 |
| Power Supply | | 220-240v~/50Hz |
| Refrigerant | | R32 |
| Max. Refrigerant Pressure | Mpa | 4.4 |
| Water Flow Volume | m³/h | 2.4 |
| Circulation Pump Power Input | W | 180 |
| Water Filter | | Built-in Paper Filter |
| Filtration System | | 20 Micron Filter |
| Disinfection | | Built-in Ozone |
| Isolation | | Polyurethane Foam |
| Water heat Exchanger | | Titanium |
| Compressor Brand | | GMCC |
| Compressor Type | | Rotary |
| Air Flow Direction | | Horizotal |
| Display | | LED screen |
| Wi-Fi Function | | Yes |
| Max. Power Input | W | 1335 |
| Max. Running Current | A | 15 |
| Sound Pressure Level at 1m | dB(A) | 52 |
| Water Proof Level | | IPX4 |
| Net Weight | kg | 140 |
| Pillow | | Optional |

The above data are for reference only, the specific data are subject to actual product.



# Warming Mat

## ATECPOOL HEATING MAT

### Atecpool Warming Mat - Floor warming Systems

Combine the highest comfort levels with maximum energy efficiency. It's a proven technology which is safe, reliable and energy efficient.





### Features

- Single point connection
- Twin conductor cable
- Emits zero EMF (electromagnetic fields)
- Safety approved for wet locations
- Flexible installation
- Durable construction
- 25-year limited warranty against manufacturing defects
- The Warming Mat system includes a blue heating cable woven into an adhesive-backed red fiberglass mesh that allows for simple roll-out installation without worrying about heating cable spacing.

### Atecpool Warming Mat - Heated Massage Beds

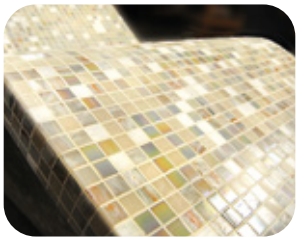
Tiled Massage beds with ATECPOOL Warming Mat. Used in Moroccan baths and Turkish Hamams for heated surface. Warming Mat applied beneath the plastering below the tiles with safety features. Completely regulated temperature control and easy installation.











### Technical Data

| Cable Construction: | Twin conductor |
|---|---|
| Rated Voltage: | 230V |
| Output: | 150W/m² and 200W/m² |
| Cable Spacing: | 80mm (150W/m²) and 80mm (200W/m²) |
| Cable Diameter: | 3.6mm |
| Conductor Insulation: | Fluoropolymer |
| Outer Insulation: | PVC |
| Max. Ambient Temp: | 85°F (30°C) |
| Min. Installation Temp: | 40°F (5°C) |
| Cold Lead | 2-wire plus ground braid; 2.5m length |





# Warming Mat

## ATECPOOL HEATING MAT

### Atecpool Warming Mat - Touch Screen Programming Thermostat

Weekly circulation digital programming thermostat with LCD touch screen, which has 6 events everyday. Manual and programming mode could be selected. The thermostat is recommended for control of electric heating devices.




| Code | Voltage | Dimensions | Power | Amps |
|---|---|---|---|---|
| | V | mm | W | A |
| WMTS001 | 220 / 230 | 86x86x44 | 2 | 15 (max) |

### Atecpool Warming Mat - Floor warming Systems

Selection of Warming Mat based on the floor material, thickness and area. Used with wood, tiles, marble and stone flooring. Maximum finishing thickness up to 1cm. For finishing above 1cm thickness, contact sales support.

| Code | Heated Area | Mat Dimensions | Power (150W/m²) | Amps | Resistance |
|---|---|---|---|---|---|
| | m² | m x m | W | A | Ω |
| WM150-1 | 1 | 0.5x2 | 150 | 0.7 | 352.7 |
| WM225-1 | 1.5 | 0.5*3 | 225 | 1 | 235.1 |
| WM300-2 | 2 | 0.5*4 | 300 | 1.3 | 176.3 |
| WM375-2 | 2.5 | 0.5*5 | 375 | 1.6 | 141.1 |
| WM450-3 | 3 | 0.5*6 | 450 | 2 | 117.6 |
| WM535-3 | 3.5 | 0.5*7 | 525 | 2.3 | 100.8 |
| WM600-4 | 4 | 0.5*8 | 600 | 2.6 | 88.2 |
| WM675-4 | 4.5 | 0.5*8 | 675 | 2.9 | 78.4 |
| WM750-5 | 5 | 0.5*10 | 750 | 3.3 | 70.5 |
| WM900-6 | 6 | 0.5*12 | 900 | 3.9 | 58.8 |
| WM1050-7 | 7 | 0.5*14 | 1050 | 4.6 | 50.4 |
| WM1200-8 | 8 | 0.5*16 | 1200 | 5.2 | 44.1 |
| WM1350-9 | 9 | 0.5*18 | 1350 | 5.9 | 39.2 |
| WM1500-10 | 10 | 0.5*20 | 1500 | 6.5 | 35.3 |
| WM1800-12 | 12 | 0.5*24 | 1800 | 7.8 | 29.4 |

| Code | Heated Area | Mat Dimensions | Power (200W/m²) | Amps | Resistance |
|---|---|---|---|---|---|
| | m² | m x m | W | A | Ω |
| WM200-1 | 1 | 0.5*2 | 200 | 0.9 | 264.5 |
| WM300-1 | 1.5 | 0.5*3 | 300 | 1.3 | 176.3 |
| WM400-2 | 2 | 0.5*4 | 400 | 1.7 | 132.3 |
| WM500-2 | 2.5 | 0.5*5 | 500 | 2.2 | 105.8 |
| WM600-3 | 3 | 0.5*6 | 600 | 2.6 | 88.2 |
| WM700-3 | 3.5 | 0.5*7 | 700 | 3 | 75.6 |
| WM800-4 | 4 | 0.5*8 | 800 | 3.5 | 66.1 |
| WM900-4 | 4.5 | 0.5*8 | 900 | 3.9 | 58.8 |
| WM1000-5 | 5 | 0.5*10 | 1000 | 4.3 | 52.9 |
| WM1200-6 | 6 | 0.5*12 | 1200 | 5.2 | 44.1 |
| WM1400-7 | 7 | 0.5*14 | 1400 | 6.1 | 37.8 |
| WM1600-8 | 8 | 0.5*16 | 1600 | 7 | 33.1 |
| WM1800-9 | 9 | 0.5*18 | 1800 | 7.8 | 29.4 |
| WM2000-10 | 10 | 0.5*20 | 2000 | 8.7 | 26.5 |
| WM2400-12 | 12 | 0.5*24 | 2400 | 10.4 | 22 |

# Wellness

## PORTABLE SPAS

### Spa Patio

**Specifications**

- Size: 1900x1350x780mm
- Capacity (Loungers): 2
- Voltage: 220/50~60Hz
- Water Jets + Air Jets = 22+ 12
- Water Capacity: 650L
- 1 LED Underwater Light
- Heavy Duty SPA Cover
- Side waterfall
- Balboa Control System
- Wooden Cabinet





### Spa Bonaire

**Specifications**

- Size: 2300 X 2300 X 980mm
- Capacity (seats / loungers): 5 (3 / 2)
- Power consumption: 6500W 220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 87 + 12
- Pop-up Head rest: 3
- Balboa Control System
- Wooden Cabinet w/ steps
- Heavy duty Spa Cover
- Acrylic Shell





# Wellness
## PORTABLE SPAS

### Spa Bora Bora

**Specifications**

- Size: 2400 X 2400 X 980mm
- Capacity (seats / loungers): 5 (4 / 1)
- Power consumption: 7500W 220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 87 + 12
- Pop-up Head rest: 5
- Balboa Control System
- Wooden Cabinet
- Heavy duty Spa Cover
- Acrylic Shell





### Spa Lanzarote

**Specifications**

- Size: 2400 X 2400 X 930mm
- Capacity (seats / loungers): 7 (5 / 2)
- Power consumption: 7000W 220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 195 + 12
- Pop-up Head rest: 4
- Balboa Control System
- Wooden Cabinet w/ steps
- Heavy duty Spa Cover
- Acrylic Shell





# Wellness

## PORTABLE SPAS

### Spa Ibiza

**Specifications**

- Size: 2180 X 1900 X 995mm
- Capacity (seats / loungers): 3 (2 / 1)
- Power consumption: 220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 46 + 12
- Pop-up Head rest: 3
- Balboa Control System
- Wooden Cabinet w/ steps
- Heavy duty Spa Cover
- Acrylic Shell





### Spa Corsica

**Specifications**

- Size: 2900 X 2300 X 980mm
- Capacity (seats / loungers): 8 (7 / 1)
- Power consumption: 7500W 220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 108 + 12
- Pop-up Head rest: 4
- Balboa Control System
- Wooden Cabinet w/ steps
- Heavy duty Spa Cover
- Acrylic Shell





# Wellness

## PORTABLE SPAS

| Above Ground Spas with cabinet - Comparison | | | | | | |
|---|---|---|---|---|---|---|
| **Code** | **Spa Patio** | **Spa Bonaire** | **Spa Bora Bora** | **Spa Lanzarote** | **Spa Ibiza** | **Spa Corsica** |
| |  |  |  |  |  |  |
| **General Information** | | | | | | |
| **Size (mm)** | 1900X1350X780 | 2300x2300x980 | 2400x2400x980 | 2400×2400×930 | 2180×1900×995 | 2900×2300×980 |
| **Water capacity (gal)** | 180 | 286 | 352 | 396 | 220 | 380 |
| **Colour** | White | White | White | White | White | White |
| **Capacity (persons)** | 2 | 5 | 6 | 7 | 3 | 8 |
| **Power supply** | 220V/50~60HZ | 220~240V/50~60HZ | 220~240V/50~60HZ | 220~240V/50~60HZ | 220~240V/50~60HZ | 220~240V/50~60HZ |
| **Shell** | Acrylic | Acrylic | Acrylic | Acrylic | Acrylic | Acrylic |
| **Composition** | | | | | | |
| **Hot Tub** | 1 | 1 | 1 | 1 | 1 | 1 |
| **Head rest** | 2 | 3 (pop-up) | 5 | 4 | 3 | 4 (pop-up) |
| **Steel frame** | 1 | 1 | 1 | 1 | 1 | 1 |
| **Water Flow Equipment** | - | 1 | - | - | - | 1 |
| **Waterfall** | 1 | - | 1 | 1 | - | - |
| **LED Air Jets** | - | 12 | - | - | 12 | 12 |
| **Air Jets** | 12 | - | 12 | 12 | - | - |
| **Water jets** | 22 | 87 | 87 | 142 | 46 | 77 |
| **Fountain jets** | - | - | 2 | 2 | - | - |
| **Swim jet** | - | - | - | - | - | - |
| **Shoulder Massage Jets** | - | - | - | 2 | - | - |
| **Hydro Therapy Jets** | 22 | 28 | 33 | 17 | - | 31 |
| **LED Lights** | 1 | - | 1 | 1 | - | - |
| **Fiber Optic Lights** | - | 34 | 33 | 36 | 29 | 43 |
| **Fountain valves** | - | - | 1 | 1 | - | - |
| **Water Flow Valves** | - | 1 | - | - | - | 1 |
| **Waterfall Valves** | 1 | - | 1 | 1 | - | - |
| **Shoulder Massage Valves** | - | - | - | 1 | - | - |
| **Drain valves** | 1 | 1 | 1 | 1 | - | 1 |
| **Intake valves** | 1 | 3 | 4 | 5 | 3 | 5 |
| **Diverter valves** | 1 | 1 | 2 | 2 | 1 | 2 |
| **Air Control valves** | 2 | 3 | 5 | 5 | 3 | 5 |
| **Wooden cabinet** | ● | ● | ● | ● | ● | ● |
| **Insulation** | ● | ● | ● | ● | ● | ● |
| **Heavy Duty Spa Cover** | ● | ● | ● | ● | ● | ● |
| **Wooden Step** | ● | ● | ● | ● | ● | ● |
| **Aromatherapy** | ● | ● | ● | ● | ● | ● |
| **View Pump** | - | - | - | - | - | - |
| **Hydro Massage Pump** | 1 x 3.0 HP | 1 x 3.0 HP / 2 x 2.0 HP | 3 x 2.0 HP | 1 x 3.0 HP / 2 x 2.0 HP | 1 x 3.0 HP / 1 x 2.0 HP | 2 x 3.0 HP / 1 x 2.0 HP |
| **Circulation Pump** | 1 x 0.35 HP | 1 x 1.0 HP | 1 x 1.0 HP | 1 x 1.0 HP | 1 x 0.35 HP | 1 x 1.0 HP |
| **Swim Pump** | - | - | - | - | - | - |
| **Fountain Pump** | - | - | 1 x 0.35 HP | 1 x 0.35 HP | - | - |
| **Air Blower** | 1 x 0.7 kW | 1 x 0.7 kW | 1 x 0.7 kW | 1 x 0.7 kW | 1 x 0.7 kW | 1 x 0.7 kW |
| **Ozonator** | 1 | 1 | 1 | 1 | 1 | 1 |
| **Heater** | 1 x 3.0 kW | 1 x 3.0 kW | 1 x 3.0 kW | 1 x 3.0 kW | 1 x 3.0 kW | 1 x 3.0 kW |
| **Cartridge Filter** | 1 | 1 | - | - | 1 | 1 |
| **Pressure Filter** | 1 | 1 | - | - | 1 | 1 |
| **Skimmers** | 1 | - | 2 | 2 | - | - |
| **Controller** | 1 | 1 | 1 | 1 | 1 | 1 |
| **Optional** | | | | | | |
| **Balboa Control System** | ● | ● | ● | ● | ● | ● |
| **Swim tether** | - | - | - | - | - | - |
| **Aquatic Rowing System** | - | - | - | - | - | - |
| **Aquatic Fitness Rope** | - | - | - | - | - | - |
| **Bar + Stool Package** | - | ● | ● | ● | - | ● |
| **15" Television** | - | ● (Inward) | Included (32", Inward) | (Inward, Outward, Pole) | (Pole) | ● (Inward) |
| **Topside Music** | ● | ● | Included (4 nos) | ● | ● | ● |
| **DVD** | ● | ● | Included | ● | ● | ● |
| **Tub Tray** | ● | ● | Included | ● | ● | ● |
| **Winter Cover** | ● | ● | ● | ● | ● | ● |
| **PVC Cabinet** | ● | ● | ● | ● | - | ● |

Note: Items with "●" are optionals, need to order separate

# Wellness

## SPA DETAILS

### Jets used in Portable Spa

The size and the arrangement of jets influence remarkably the effectiveness of hydromassage. In Atecpool Royal Collection Portable Spas 4 types of jets have been used: big rotating jets, medium rotating jets, medium adjustable jets and mini back jets. The designed rotational jets, during the flow of water stream are circulating, in this way preventing the spot action of the water stream. This solution guarantees that the largest amount of nerve receptors are massaged. The regular massage improves the health condition of the inside organs and in case of back muscles, improves the physical condition as well as the appearance of the figure.





### Multiple Jets

1. Big rotating jets with the possibility of water massage regulation.
2. Medium rotating jets
3. Medium jets with the possibility of directing the water stream
4. Mini rotational jets

### Chromotherapy and Aromatherapy

**Chromotherapy Underwater Light**

The use of chromo therapy, that is the treatment with light and colors, has a very positive impact on the regeneration of the human organism. That is why our portable spas are equipped with the light with the changeable colors. The system is based on the electronic control of the colored lamp LED. This gives the possibility of individual adjustment of the colors, which influences directly the effectiveness of chromo therapy. Minimum dimensions of the manhole result from possibility of an easy entrance and removing the element to be repaired and should be 60x60cm.



**White**
harmonizes and restores the balance in the organism.

**Blue**
among others reinforces the immunity, soothes the throat, eyes, pains, and acts in a soporific and calming manner.

**Green**
among others calms, refreshes, improves the mood, supports the metabolism, regenerates the brain and the nerve system.

**Yellow**
is the antidote to stress and tiredness, reinforces the muscles, improves the texture of the skin.

**Red**
among others warms up, improves blood circulation, gives energy and stimulates to energetic activity.

**Aromatherapy**

Aromatherapy functions during the work of air massage. The air, before it is being blown into the spa, goes through the special chamber, in which the aromatherapy bags are placed. Afterwards it goes to the bath through the network of small holes and with the aired stream of water. It is very effective and at the same time high efficient aromatherapy system, used in portable spas. It guarantees the wonderful effects, and at the same time does not cause the turbidity of the water, prevents the oil suspensions in the water, which very often cause the dirtiness of both the acrylic surface as well as hydro massage elements

# Wellness

## SPA SELECTION AND ACCESSORIES

### Spa Accessories Design

Atecpool Royal Collection is the true expression of wellness, our professional spa offers premium cabinets of your choice. Selection of Spa Covers and Composite Panel for cabinet available with our Royal Collection.





### Portable Spa Colours

white

gypsum

azure

oyster

graphite

### Spa Cover Colours

be-16

sa - 2

n - 7

br - 2

cz

### Spa Composite Panel Colours

blanc creme
ral 9001

gris basalte
ral 7012

bleu violet
ral 5000

brun chocolat
ral 8017

noir profond
ral 9005

# Wellness

## IN-GROUND SPAS

### Spa Sumatra

**Specifications**

- Size: Ø2180 X 880mm
- Capacity (seats): 8
- Power Supply:
  220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 9 + 12
- Volume: 176 gal
- Plumbed Shell with jets and
- MEP equipment.
- In-ground / above ground
  installation





### Spa Rose

**Specifications**

- Size Ø2400 X 1000mm
- Capacity (seats): 6
- Power Supply:
  220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 26 + 12
- Water capacity: 252 gal
- Plumbed Shell with jets and
- MEP equipment
- In-ground / above ground
  installation





# Wellness

## IN-GROUND SPAS

### Spa Jawa

**Specifications**

- Size: 2260X1910X980mm
- Capacity (seats): 7
- Power Supply:
  220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 7 + 12
- Water capacity: 176 gal
- Plumbed Shell with jets and
- MEP equipment.
- In-ground / above ground
  installation.

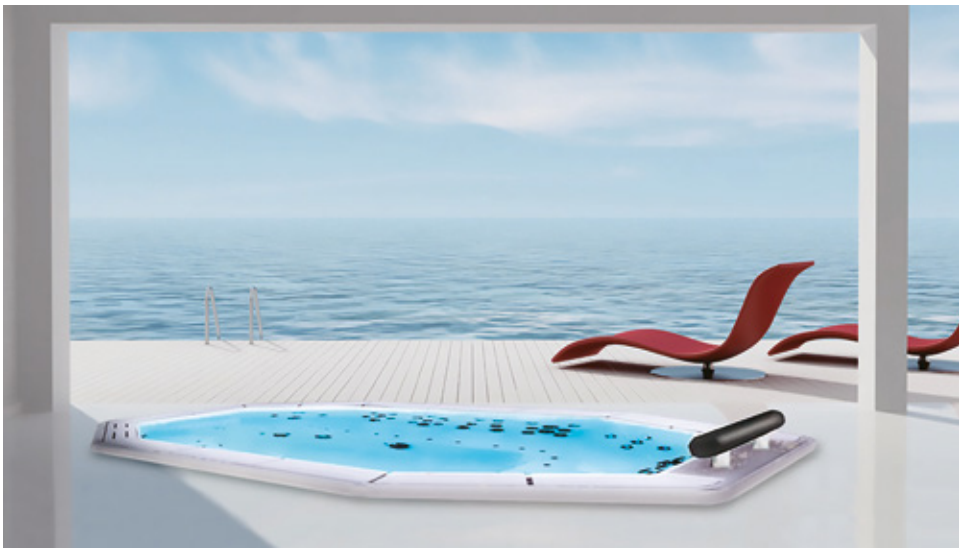


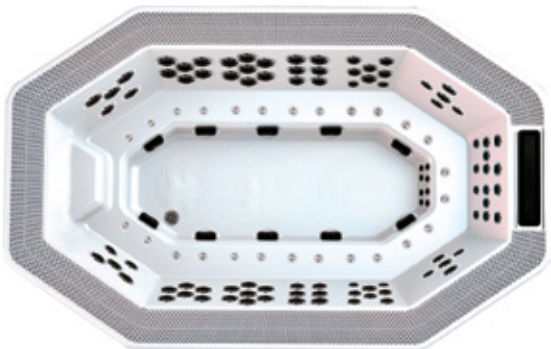


### Spa Mandura

**Specifications**

- Size Ø3800 X 2400 X 1000mm
- Capacity (seats): 14
- Power Supply:
  220 ~ 240V / 50 ~ 60Hz
- Water Jets + Air Jets = 88 + 28
- Water capacity: 486 gal
- Plumbed Shell with jets
  and MEP equipment





# Wellness

## IN-GROUND SPAS

| In-Ground Spas - Comparison | | | | |
|---|---|---|---|---|
| **Code** | **SPA Sumatra** | **SPA Rose** | **SPA Jawa** | **SPA Mandura** |
| |  |  |  |  |
| **General Information - Plumbed shell with MEP equipment** | | | | |
| **Size (mm)** | Ø2180×880 | Ø2400×1000 | 2260×1910×980 | 3800×2400×1000 |
| **Water capacity (gal)** | 176 | 252 | 176 | 486 |
| **Colour** | White | White | White | White |
| **Capacity (persons)** | 8 | 6 | 7 | 14 |
| **Power supply** | 220~240V/50~60HZ | 220~240V/50~60HZ | 220~240V/50~60HZ | 220~240V/50~60 |
| **Shell** | Acrylic | Acrylic | Acrylic | Acrylic |
| **Composition** | | | | |
| **Bath Tub** | 1 | 1 | 1 | 1 |
| **Shelf** | 1 | 1 | 1 | 3 |
| **Air Jets** | 12 | 12 | 12 | 1 |
| **Massage Jets** | 9 | - | 7 | - |
| **Hydro Therapy Jets** | - | 26 | - | 1 |
| **SPA Lights** | 1 | 1 | 1 | - |
| **LED Optic Lights** | - | 14 | - | 12 |
| **Water Pipe** | 1 | - | 1 | 72 |
| **Drainage** | 1 | 1 | 1 | 2 |
| **Return** | 2 | - | 2 | - |
| **Transformer** | 1 | - | 1 | - |
| **Intake valves** | - | 2 | - | 19 |
| **Drainage Grille** | - | 1 | - | 2 |
| **Insulation** | (Optional) | 1 | (Optional) | 21 |
| **Hydro Massage Pump** | - | 2 x 2.0 HP | - | 3 x 3.0 HP |
| **Circulation Pump** | - | 1 x 1.0 HP | - | 1 x 1.0 HP |
| **Whirlpool Pump** | 2 x 1.5 HP | - | 2 x 1.5 HP | - |
| **Supply Pump** | - | 1 x 0.35 HP | - | 1 x 0.35 HP |
| **Air Blower** | 1 x 0.7 kW | 1 x 0.7 kW | 1 x 0.7 kW | 2 x 0.7 kW |
| **Ozonator** | 1 | 2 | 1 | 2 |
| **Heater** | 1 x 3.0 kW | 1 x 3.0 kW | 1 x 3.0 kW | 1 x 3.0 kW |
| **Cartridge Filter** | 1 | 1 | 1 | 1 |
| **Supply System** | - | 1 | - | 1 |
| **Water Tank** | - | 1 | - | 2 |
| **Controller** | 1 | 1 Balboa | 1 Balboa (Optional) | 1 (Balboa) |
| **Optional** | | | | |
| **15" Television** | ● (Pole) | - | - | - |
| **Heavy Duty Spa Cover** | - | ● | ● | ● |
| **i-pod** | - | ● | - | ● |
| **Subwoofer** | - | - | - | ● |
| **Tub Tray** | - | ● | - | ● |
| **Winter Cover** | ● | ● | - | ● |
| **PVC Skirt** | - | ● | ● | ● |
| **PVC Step** | - | ● | ● | ● |
| **Wooden Step** | ● | - | - | - |
| **Wooden Skirt** | ● | - | - | - |
| **Other Shell Colour** | - | ● | ● | - |
| **R-10 Insulation** | - | ● | - | - |

Note: Items with "●" are optionals, need to order separate

# Wellness

## STAINLESS STEEL RELAXATION

### Air Bed Massage AISI 316

Made of Stainless Steel AISI 316. Ergonomically designed massage accessory with air jets in the back, lumbar and leg regions. The bed is comprised of stainless steel casing with air holes situated in the key massage areas. The range includes both a single and double model.

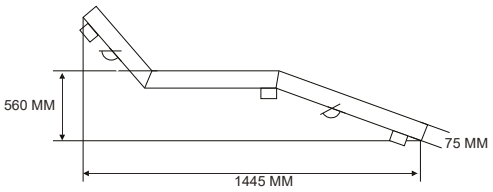


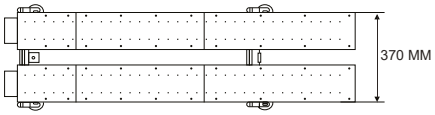
| Code | Description | Weight |
|---|---|---|
| | | Kg |
| 015993 | Air Bed Massage AISI 316 | 45 |

### Specifications

- 140 orifices: Ø2.5mm
- 2 intakes on the base
- PVC installation base support (not included)
- Female connections: 4x1.5"
- Airflow: 245 m³/h
- Recommended blower: AH420-321 2,2kW

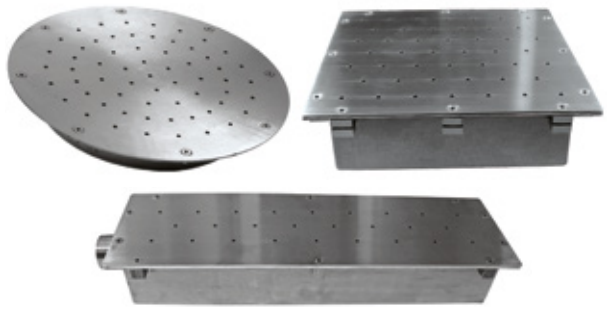





### Foot Massage AISI 316

Made of Stainless Steel AISI 316. Available in three models: square, circular and rectangular air bubble systems. Custom size upon request.



| Code | Description | Dimensions | Weight |
|---|---|---|---|
| | | mm | Kg |
| 015995 | Circular Foot Massage AISI 316 | Ø345x85 | 3.8 |
| 015996 | Square Foot Massage AISI 316 | 300 X 300x85 | 5.5 |
| 015997 | Square Foot Massage AISI 316 | 500 X 500x85 | 14.5 |
| 015998 | Square Foot Massage AISI 316 | 750 X 750x85 | 28.5 |
| 015999 | Rectangle Foot Massage AISI 316 | 520 X 170x85 | 3.8 |

**Recommended Air Blower Specifications:**
015995/015996 - AH210-151 , 1.1 kW
015997/015998/015999 - AH215-171 , 1.3 kW

### Wall Massage Nozzles

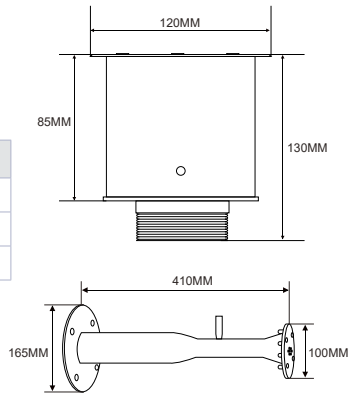
Made of AISI 316 with 2" threaded connection, 15 orifices of Ø3.5mm to provide quality massage. Provided with air venture for air-water mix massage. Available in two models: wall massage short nozzle and long type nozzle.





| Code | Description | Weight |
|---|---|---|
| | | Kg |
| 012991 | Wall Massage Nozzle Short AISI 316 | 1.15 |
| 012993 | Wall Massage Nozzle Long AISI 316 | 2.7 |

**Recommended Air Blower Specifications:**
012991/012993 - AH140-131, 0.75 kW



# Wellness

## STAINLESS STEEL RELAXATION

### Atecpool Reflex Station

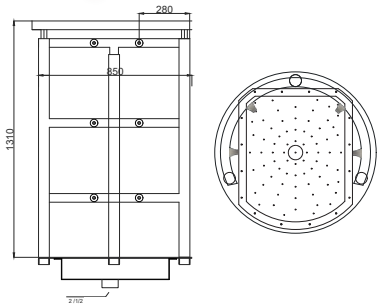
Atecpool Reflex Station enhances the spa experience with advanced air and water jet features, delivering targeted massages to the back, neck, and body in a variety of configurations. Operating at a consistent temperature of 38°C, it ensures optimal comfort and relaxation.

Stainless steel precise engineering components are designed to work in harmony, contributing to a higher standard of wellness and comfort.

Each unit is custom-produced to meet specific project requirements, and all materials are constructed from AISI 316-grade stainless steel, ensuring durability, corrosion resistance, and long-term performance.








### Reflex Station Specifications

- 72 air nozzles at bottom plate connected to 2.2kw blower
- 5 massage nozzle for each ring at different levels, special arrangements possible with custom built
- Connection sizes: 2" /2½"
- Pump selection for each ring with 5 massage nozzles: 5.5HP

### Atecpool Massage Station

Atecpool Massage Station consists of seated massage system and foot massage system, designed to deliver a deeply revitalizing hydrotherapy experience.

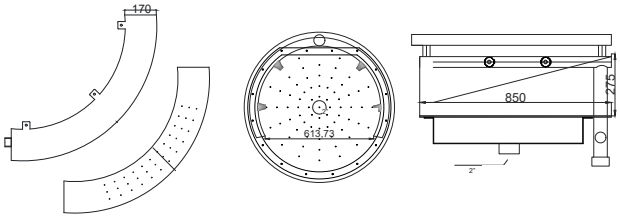
Each system is custom-engineered to meet the specific dimensions and requirements of your pool as built-in feature, ensuring seamless integration and optimal performance.





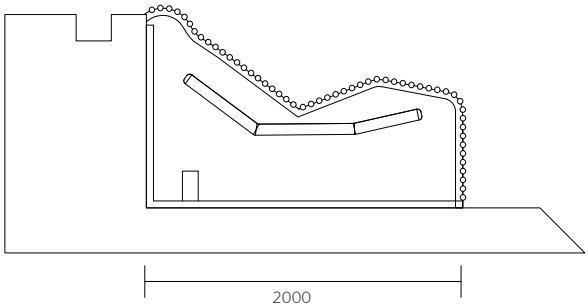
### Massage Station Specifications

- Half Massage Station + Foot Massage
- 72 air nozzles at bottom plate connected to 2.2kW blower
- 36 air nozzles at foot massage plate connected to 1.5kW blower
- Pump selection for each ring with 5 massage nozzles: 3HP
- Connection sizes: 2"/2½"




### Atecpool Reflex Station Projects Gallery

Showcasing versatility and performance excellence of Atecpool Reflex Station across various wellness and spa environments.










# Gassner Mirror Pool

## ONE PIECE STAINLESS STEEL POOL

### Gassner Mirror Pool

The Mirror Pool invites you to immerse yourself in a mirror-like water surface that blurs the boundaries of the pool, thanks to its uninterrupted, linear perspectives, creating a sense of limitless expanse. An elegant stainless steel basin with an innovative edge and premium materials come together in a composition that reflects both sophistication and modern aesthetics.

- Timeless design, clean lines, and pure elegance
- Unique pool edging for a mirror-smooth water surface
- Seamless waterline for a visually limitless expanse
- Stainless steel as a durable and long-lasting material
- Superior hydraulics for optimal water quality
- Easy cleaning
- One-piece basin for efficient transport and installation
- Available in standard as well as custom sizes
- Additional accessories and custom features available for enhanced comfort.
- Various models and sizes available

### Gassner Ice Mirror Pool Inclusion

Decades of experience in swimming pool and stainless steel pool construction go into the high-quality, customized pool solutions that unite aesthetics and design with first-class craftsmanship.

- Personalized, individual consultation
- Spacious showroom for an immersive pool experience
- State-of-the-art 3D planning
- Comprehensive project design & management
- Manufacturing using cutting-edge
- CNC technology
- Full-service provider, including water treatment systems
- Service and maintenance

| Code | Description |
|---|---|
| MIRRORPOOL | Gassner Mirror Pool |

### Gassner Mirror Pool Models

#### Mirror pool one

One-piece pool | Size: 6 x 3 m
- Stairs with podium
- 1x pool light (single color - white)

#### Mirror pool one plus

One-piece pool | Size: 6 x 3 m
- Stairs with podium
- 2x pool light (single color - white)
- Foldable bench with covers for pool cover
- preparation "ECOVA by BWT"

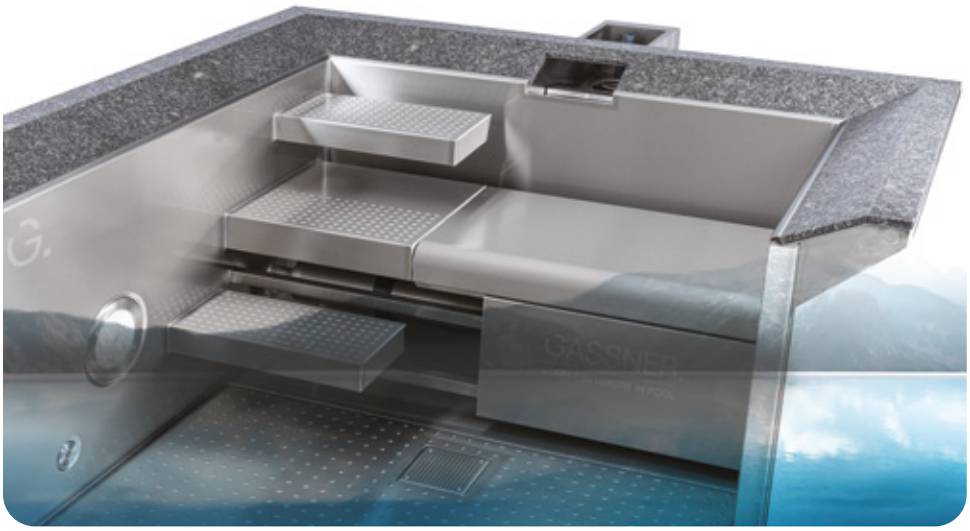
#### Mirror pool performance

One-piece pool | Size: 7.5 x 3 m
max. water depth 1.4m
- Cantilevered stairs with podium
- 4 nozzles
- 1 mirror skimmer
- 1 floor drain
- 2x pool light (LED RGB)
- Foldable bench with covers for pool cover
- preparation "ECOVA by BWT"
- Countercurrent system "GASSNER EASY JET"

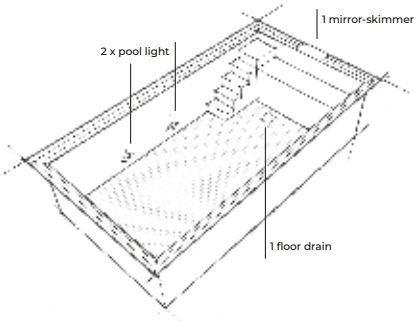
### Customisable Gassner Mirror Pool

The BWT GASSNER Mirror Pool customized fulfills every desire and can be tailored to your individual dimensions and features.

The following combinable features are available:
- Tube bench
- Cantilevered stairs
- Pool cover
- Stone edging
- Footprint massage
- Ergonomically designed air jet lounger
- Counter current flow system
- Air bubble bench
- Massage jets



### One-piece SS Mirror Pool




GASSNER.
STAINLESS LUXURY IN POOL

# Atecpool Pool Bike and Treadmill

## AQUATIC FITNESS EQUIPMENT

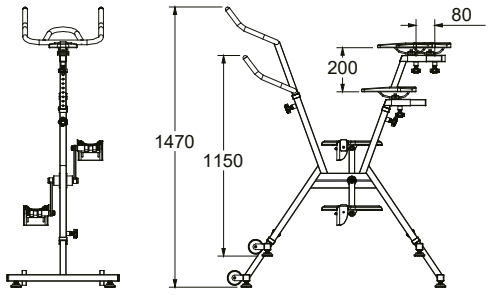
### Atecpool Pool Bike

Constructed from high-grade AISI 316 stainless steel, Atecpool Water Bike is designed for durability and performance in aquatic environments. Its adjustable pedal resistance allows users to tailor workouts to individual fitness or rehabilitation needs.
Widely trusted by professionals across various sectors—including fitness centers, rehabilitation clinics, wellness facilities, hotels, resorts, and elite sports clubs—the Water Bike is ideal for athletic training, post-injury recovery, and therapeutic programs under medical supervision.



### Specifications

- Constructed from stainless steel (AISI 316) for maximum durability in aquatic environments
- Brushed finish with advanced corrosion-resistant treatment for long-term performance
- Adjustable water resistance to accommodate various fitness levels and rehabilitation needs
- Flexible, ergonomic design offering anatomical comfort, ease of use, and low maintenance
- Equipped with stainless steel ball bearings and sealing rings for smooth operation
- Non-scratch, ergonomic handles for a secure and comfortable grip
- Fully adjustable handlebars and saddle—height and depth can be fine-tuned to suit individual users
- White non-scratch wheels with stainless steel ball bearings for easy transport and positioning
- White non-scratch stability pads for secure placement on pool surfaces
- Compatible with all pool finishes, including liner, PVC, tiles, casing, and polyester
- Suitable for use in thermal, seawater, and chlorinated pools




| Code | Description | Weight |
|---|---|---|
| | | kg |
| 01263 | Atecpool Pool Bike | 13 |

### Atecpool Pool Treadmill

Atecpool Treadmill enables patients to perform walking or running exercises in a fixed position, allowing therapists to maintain full visual control over every underwater movement. This ensures more accurate assessment and real-time adjustment during therapy sessions.





### Specifications

- Constructed from stainless steel (AISI 316)
- Features a durable, one-piece PVC running belt designed for smooth, low-impact underwater motion
- Equipped with 6 secure suction cups at the base for maximum stability during use
- Foldable frame design for easy transport and space-saving storage
- Pipe thickness: 2 mm, ensuring structural strength and long-term performance
- Compact dimensions: 1150 × 1090 × 470 mm – ideal for various pool sizes and rehabilitation setups

| Code | Description | Weight |
|---|---|---|
| | | kg |
| 01261 | Atecpool Treadmill | 50 |

INSPIRED
By Water

ATECPOOL

BWT GROUP

atecpool.com



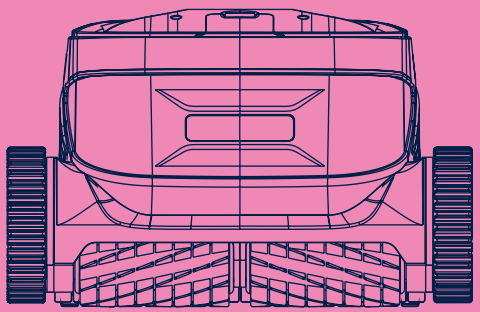
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By Water

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atecpool.com



# Cleaning Equipment



INSPIRED By Water

ATECPOOL
BWT GROUP

INSPIRED By Water

atecpool.com




# BWT Pool Robots for commercial pools.

## New definition of excellence for commercial pools.

Engineered for the most demanding environments, the Nakai commercial robots combine power, precision, and intelligence.
Designed for public pools, hotels, aquatic centers, and Olympic facilities, they deliver flawless results, day after day. Each model features advanced navigation, filtration, and ergonomic systems, offering a professional cleaning experience that's simple, smart, and efficient.
**Because a spotless pool reflects a standard of excellence.**

# Robotic Pool Cleaners

## COMMERCIAL LINE

BWT NAKAI 70 Commercial Robotic Pool Cleaner

## Nakai 70

**THE FLAGSHIP OF THE RANGE.**

### Products

- For very large pools up to 1,250 m².
- Double XL filter bag.
- Gyro + AquaSmart + Infrared navigation.
- Robust construction with trolley.
- Maximum performance and autonomy.




PURPOSE PUBLIC & COMMERCIAL POOLS DESIGNED

2 years

3.0 hrs
4.0 hrs
6.0 hrs

45 m

PVA

| | |
|---|---|
| **Pool size** | 50 m / 1250 m² |
| **Cleaning type** | Floor |
| **Cleaning cycle duration** | 3 hrs, 4 hrs or 6 hrs |
| **Filter type** | 4D Hyperfine microfibre, 2 XL bags |
| **Filter access** | Easy access from below |
| **Full filter indicator** | Yes |
| **Brush type** | 4 wide PVA brush wheels |
| **Control Box** | LDC |
| **Platform** | Dual drive \| Dual pumps |
| **Suction power** | 38 m³/h |
| **Cable length** | 45 m |
| **Anti-tangle system** | Special embedded algorithm |
| **Remote control** | RF Remote control |
| **Dimensions (L x W x H)** | 81 x 40 x 31 cm |
| **Weight** | 18 kg |
| **Storage accessory** | Caddy |
| **Guarantee** | 2 years |



# Robotic Pool Cleaners

## POOL ROBOTS

| | MODEL | POOL LENGTH (M) | CLEANING CYCLE | CLEANING TYPE | FILTER TYPE | BRUSH TYPE | CABLE LENGTH |
|---|---|---|---|---|---|---|---|
| **DIAMOND CELL** NEW | | | | | | | |
|  | **BWT Diamond Cell** | 12 | 1.5 hrs, 2.0 hrs or 2.5 hrs | Floor, walls and waterline | Double hyperfine filtration | PVC brushes | 18 m |
| **BATBROWN** NEW | | | | | | | |
|  | **BWT BATbrown** | 15 | 3.0 hrs or 4.0 hrs 6 cycles | Floor, walls and waterline | Double filtration 180/80µm | PVC brushes | Battery |
| **F1R LINE** | | | | | | | |
|  | **BWT F1Sonic Pro** | 15 | 3.0 hrs or 4.0 hrs 6 cycles | Floor, walls and waterline | Double basket 180/80µm | PVC brushes | Battery |
|  | **BWT F1R** | 10 | 1.5 hrs, 2.0 hrs or 2.5 hrs | Floor, walls and waterline | Single filter high performance | PVC brushes | 14 m Gen Core 7 |
|  | **BWT F1RX** | 12 | 1.5 hrs, 2.0 hrs or 2.5 hrs | Floor, walls and waterline | Double hyperfine filtration | PVC brushes | 18 m Gen Core 7 |
|  | **BWT F1RXT** | 15 | 1.5 hrs, 2.0 hrs or 2.5 hrs | Floor, walls and waterline | 4D, microfibre hyperfine | PVA brushes | 23 m Gen Core 7 |



# Robotic Pool Cleaners

## POOL ROBOTS

| SUCTION POWER | NAVIGATION AND DRIVE SYSTEM | WEIGHT (KG) | CADDY | SPECIAL FEATURES | GUARANTEE |
|---|---|---|---|---|---|
| | | | | | |
| 15 m³/h | ▪ Gyroscopic system<br>▪ Smart Navigation | 5,75 Kg | ✗ | ▪ Premium App with remote control<br>▪ LED<br>▪ Full filter indicator | 5 years |
| | | | | | |
| 15 m³/h | ▪ Gyroscopic system<br>▪ Ultrasonic sensors | 7,9 Kg | ✗ | ▪ Wifi & Bluetooth<br>▪ Application<br>▪ Transparent filter<br>▪ 6 cleaning modes<br>▪ Chargeur rapide | 2 years |
| | | | | | |
| 15 m³/h | ▪ Gyroscopic system<br>▪ Ultrasonic sensors | 7,9 Kg | ✗ | ▪ Wifi & Bluetooth<br>▪ Application<br>▪ Transparent filter<br>▪ 6 cleaning modes<br>▪ Quick charger | 2 years |
| 15 m³/h | ▪ Gyroscopic system<br>▪ Smart Navigation | 5,75 Kg | ✗ | ▪ App with remote control<br>▪ LED<br>▪ Full filter indicator | 3 years |
| 15 m³/h | ▪ Gyroscopic system<br>▪ Smart Navigation | 5,75 Kg | ✗ | ▪ Premium App with remote control<br>▪ LED<br>▪ Full filter indicator | 3.5 years |
| 19 m³/h | ▪ Gyroscopic system<br>▪ Smart Navigation | 11 Kg | ✓ | ▪ App with remote control<br>▪ LED<br>▪ Full filter indicator<br>▪ Transparent filter | 4 years |



# Robotic Pool Cleaners

## POOL ROBOTS

| | MODEL | POOL LENGTH (M) | CLEANING CYCLE | CLEANING TYPE | FILTER TYPE | BRUSH TYPE | CABLE LENGTH |
|---|---|---|---|---|---|---|---|
| **ESSENTIAL LINE** | | | | | | | |
|  | **BWT ES Echo** | 12 | 2.5 hrs or 3.0 hrs 3 cycles | Floor, walls and waterline | Single filter 180µm | PVC brushes | Battery |
|  | **BWT ES700** | 10 | 2 hrs | Floor, walls and waterline | Single filter | PVC brushes | 14 m Gen Core 7 |
|  | **BWT ES800** | 12 | 1.5 hrs, 2.0 hrs or 2.5 hrs | Floor, walls and waterline | Single filter | PVC brushes | 18 m Gen Core 7 |
| **RC LINE** | | | | | | | |
|  | **RC 30** | 10 | 1.5 hrs, 2.0 hrs | Floor, walls and waterline | Standard Filtration | PVC brushes | 16 m |
|  | **RC 40** | 10 | 1.5 hrs, 2.0 hrs or 2.5 hrs | Floor, walls and waterline | Standard Filtration | PVC brushes | 16 m |
|  | **RC 60** | 18 | 1.5 hrs, 2.0 hrs or 2.5 hrs | Floor, walls and waterline | 4D, microfibre hyperfine | 4 PVA + vibrating brushes | 18 m |
| **AQUABOT LINE** | | | | | | | |
|  | **Aquabot** | 350 m² | 3.0 hrs | Wall & Waterline, Floor, Overall | 180 µm (Standard) \| 100/75/50 µm (Optional) | PVC and PVA brushes | Battery |
|  | **Aquabot Pro** | 460 m² | 3.5 hrs | Wall & Waterline, Floor, Overall | 180 µm (Standard) \| 100/75/50 µm (Optional) | PVC and PVA brushes | Battery |

# Robotic Pool Cleaners

## POOL ROBOTS

| SUCTION POWER | NAVIGATION AND DRIVE SYSTEM | WEIGHT (KG) | CADDY | SPECIAL FEATURES | GUARANTEE |
|---|---|---|---|---|---|
| 15 m³/h | ▪ Gyroscopic system<br>▪ Ultrasonic sensors | 7,9 Kg | ✗ | ▪ Wifi & Bluetooth<br>▪ Application<br>▪ Transparent filter<br>▪ 3 cleaning modes | 2 years |
| 15 m³/h | ▪ Gyroscopic system<br>▪ Smart Navigation | 5,75 Kg | ✗ | ▪ - | 3 years |
| 15 m³/h | ▪ Gyroscopic system<br>▪ Smart Navigation | 5,75 Kg | ✗ | ▪ App with remote control<br>▪ Full filter indicator | 3 years |
| 15 m³/h | • Smart Navigation<br>• Gyroscopic system | 5.75 kg | ✗ | ▪ Full filter indicator | 2 Years |
| 15 m³/h | • Smart Navigation<br>• Gyroscopic system | 5.75 kg | ✗ | ▪ Full filter indicator<br>▪ Battery Compatible<br>▪ App with remote control | 2 Years + 1 Limited |
| 19 m³/h | • Smart Navigation<br>• Gyroscopic system | 11 kg | ✓ | ▪ Full filter indicator<br>▪ App with remote control | 3 Years + 1 Limited |
| 15 m³/h | • Ultrasonic radars 2.0 | 10.3 kg | ✗ | ▪ Wifi & Bluetooth<br>▪ App with remote control | 2 Years |
| 17 m³/h | • 360 Ultrasonic radar | 11.8 kg | ✗ | ▪ One click Lift<br>▪ Real time App control | 2 Years |

# Cleaning Equipment

## VACUUM CLEANERS

| | MODEL | POOL SIZE (M) | CLEANING DEPTH | AUTONOMY | FILTER TYPE | FILTER CAPACITY |
|---|---|---|---|---|---|---|
| **F1R LINE** | | | | | | |
|  | **F1SPA KIT** | Spas and pools up to 3 m in diameter | 2 m | 30 min | 250 micron stainless steel filter | 0,3 L (0,08 gal) |
|  | **F1SPOT** | Small to medium | 3 m | 40 min | ▪ Stainless steel filter<br>▪ 70 micron fine bag | 0.8L (0.21 gal) |
|  | **F1GIANT** | Medium to large | 3 m (9.8ft) | 75 min | ▪ Pleated filters with Fine 50 micron<br>▪ Standard 250 micron Stainless steel filter | 3 L (0,79 gal) |
|  | **F1TURBO** | All types of pools | 3 m (9.8ft) | 75 min | ▪ 3 filter bags:<br>▪ Standard 250 micron bag<br>▪ Fine 70 micron bag<br>▪ Extra fine 50 microns cartridge filter | 6,5 L (1,72 gal) |



# Cleaning Equipment

## VACUUM CLEANERS

| VACUUM HEAD FEATURES | POWER RATING | WEIGHT (KG) | SPECIAL FEATURES | STORAGE BAG | GUARANTEE |
|---|---|---|---|---|---|
| Pivoting suction head and flat brush | 75 | 1,2 | ▪ Handle included 2x50 cm<br>▪ 1 spa scoop<br>▪ 1 hand scrubber | ✗ | 2 years |
| Pivoting suction head | 200 | 3 | ▪ Easy opening system | ✗ | 2 years |
| Pivoting suction head | 500 | 5 | ▪ Transparent suction head<br>▪ Double filtration<br>▪ Powerful suction | ✓ | 2 years |
| Extra-large 51cm suction opening | 600 | 3,8 | ▪ Efficient PWRBLADE drive system<br>▪ ON/OFF Automatic with water sensor<br>▪ Removable flexible extensions for tight spaces<br>▪ Spring-loaded metal handle<br>▪ Ball-bearing wheels | ✓ | 2 years |



Diamond Cell

BWT

# The Diamond Cell Exclusivity

## Limited edition worldwide

**Each Diamond Cell is unique and individually numbered.**
Your certificate of authenticity attests to its membership in this exceptional series.

## An exceptional jewel

Like the diamond from which it takes its name, this revolutionary technology symbolizes absolute purity, unalterable strength, and timeless elegance.

The diamond, the world's purest stone, transforms ordinary carbon into crystalline wonder.

Our Diamond Cell - combined with the Best Water Treatment Technologies - similarly transform your pool water into an experience of incomparable clarity.

## A unique experience

Water treated by the Diamond Cell offers a sensation that words struggle to describe - a clarity so perfect it seems to disappear, leaving only that impression of absolute purity on your skin.




ATECPOOL

BWT GROUP

ATECPOOL
BWT GROUP

# Technological Excellence & Refined Design



The BWT Diamond Cell robot represents the culmination of our quest for excellence in pool water treatment. Its sleek design with fluid lines conceals cutting-edge technology developed by our most talented engineers.

**Each component has been selected with absolute standards:**

- High-resistance polymer chassis
- Premium PVC brushes
- High-torque motors
- Long life Diamond Cell with its genuine diamond coating

The exclusive deep black finish with modern design elements accent reflects the timeless elegance of this exceptional model, designed for the most prestigious environments.

# Diamond CELL Specifications

| | |
|---|---|
| **Code** | **84212100** |
| **Cleaning mode** | Floor, wall & waterline, overall |
| **Pool size** | 12 m |
| **Suction power** | 15 m³/h |
| **Cable length** | 18 m |
| **Power supply** | Jupiter (150 watts max) |
| **Cycles** | 1h30 \| 2h \| 2h30 |
| **Filtration** | Double Ultrafine Filter |
| **Full filter indicator** | ✓ |
| **Brush type** | PVC |
| **Diamond Cell** | 1500h+ working hours tested diamond coated ceramic cell |
| **Weight** | 5,75 kg |
| **Dimensions** | 38 x 37 x 20,3 cm |

Serial number:
**DC568**

Authenticated by:
**BWT - Best Water Technology**

# Intelligent Autonomous **Cleaning**

**The BWT Diamond Cell robot** redefines autonomous cleaning standards. Thanks to **its advanced algorithms and latest-generation Gyroscope+ navigation system**, it analyzes your pool configuration and automatically determines the optimal path.

**Its exceptional suction power** of 15 m³/h combined with Diamond Cell Technology guarantees not only impeccable cleaning but also **constant improvement of water quality** during operation.



# **5 Steps** to a Perfect Pool

### 1. Unpack

- Remove the robot and its accessories
- Check that everything is present:
  - » BWT Diamond Cell robot
  - » Floating cable
  - » Control unit
  - » User guide

### 2. Connect the App

- Download the BWT Diamond Cell App
- Enable Bluetooth and Wi-Fi
- Follow the on-screen pairing instructions

### 3. Prepare the Pool

- Check water level (mid-height of skimmers)
- Remove floating objects
- Place the control unit 3.5 meters from the edge
- Completely unroll the cable

### 4. Launch

- Immerse the robot in water
- Select the cycle via the app
- Press “Start“
- Let the robot work

### 5. Maintain

- Clean the filter after each use
- Rinse the robot with clean water
- Store away from sun and frost



## BWT Diamond Cell App **Connection**


ATECPOOL
BWT GROUP
BATbrown

# Robotic Pool Cleaners

## BATBROWN POOL ROBOT

# BATbrown

LIMITED EDITION

EXPERIENCE CORDLESS FREEDOM WITH OUR NEW GENERATION, QUICK-CHARGE, BATTERY OPERATED SWIMMING POOL CLEANER : THE BWT BATBROWN.

BWT Robotics

Download on the App Store

GET IT ON Google Play

FISONIC PRO 3 YEARS WARRANTY




CLEANING CYCLE | BRUSH TYPE | APPLICATION | MODE ÉCO

| Technical Specifications | |
|---|---|
| Cleaning options | Full mode: Floor, walls and waterline, ECO, Turbo |
| Battery capacity | 9,600mAh Lithium-ion battery charges in 2.5 hours for up to 3.5 hours of cleaning |
| Dimensions (L x Width x H in cm) | 43 x 40 x 23 |
| Swimming pool length | Up to 15m, for all shapes and finishes |
| Motors | 3 (2 traction motors + 1 pump) |
| Robot weight | 17 lbs |
| Cleaning cycle times | 6 cleaning cycles: 3hrs, Max mode 30 minutes (turbo), 1.5 hours (floor only), 2 hours or 2.5 hours (floor, walls, waterline) |
| Gyroscope | Included + Ultrasonic SmartSensor |
| Smartphone app functionalities | Cycle selection, start-time programming, status notification, IOT update |
| Beach entry detection system | Included |

| Code | Description |
|---|---|
| 125663125 | Robot électrique BWT BATbrown |



# Robotic Pool Cleaners

## F1R LINE

ALL THE ROBOTS IN THE F1R RANGE ARE CONNECTED FOR MAXIMUM EASE OF USE

**With the BWT Best Water Home app, which can be downloaded free of charge from the App Store or Play Store, control is at your fingertips!**

BWT Best Water App

Download on the App Store

GET IT ON Google Play

### Standard or Premium app

- All F1Rs will be connected to BWT Best Water Home as they are today.
- F1R will feature the standard functions: Remote control, delayed start, work intervals, cycle selection.
- F1 RX & RXT will have additional functions (Premium App): The functions will be unlocked with the cleaner's product code.
- Additional functions: 45 min floor turbo cleaning (speed +10%), Spot Cleaning: focus on 1 part of the basin, LED on/off + intensity.
- Update your cleaners with additional functions on the app.

F1Sonic Pro

# F1R LINE

# ROBOTIC POOL CLEANERS

## HIGH-PRECISION CLEANING

# Robotic Pool Cleaners

## F1R LINE

F1R Line - Robotic pool cleaners

## Packed with technology for optimal cleaning of your pool

WITH LOW ENERGY CONSUMPTION

BWT Best Water App

Download on the App Store

GET IT ON Google Play

**F1R pool robots clean the bottom, sides and waterline of all types of pool. Thanks to their smart navigation system combined with their gyroscope, F1R robots are designed to clean your entire pool.**

**The brushes and filters of the F1R robots will leave your pool perfectly clean.**

## Efficiency meets style and elegance !




BWT New Gen CORE 7

### F1R | F1RX | F1RXT MODEL Innovation

**Get ready to transform pool maintenance with BWT Robotics cleaner robots, equipped with the revolutionary Smart Cable Control innovation for optimal cleaning!**

This advanced system is combined with the precision of our **Gen Core 7 navigation technology.** It optimises the robot's movements in your pool, ensuring perfect cleaning every time (cable without swivel).

The **Gen Core 7 navigation system** coordinates and processes the information supplied by all the sensors built into the robot, which collect data in real time.

# Robotic Pool Cleaners

F1R LINE

## The F1Sonic Pro is BWT's latest technological innovation

FOR CORDLESS POOL CLEANING

BWT Robotics

Download on the App Store

GET IT ON Google Play

**The latest technological innovations for perfect cleaning and unrivalled ease of use.**

- The **F1Sonic Pro** finds its way around your pool thanks to its ultrasonic sensors and gyroscope for optimised movement.
- 3 cleaning modes are available: Bottom, walls and waterline.
- The **F1Sonic Pro**'s ECO mode lets you clean your pool in cycles spaced out over 1 week.
- Its high-capacity, double-filtered basket retains both large and very fine particles.
- The **F1 Sonic Pro**'s long battery life gives you a choice of 6 cleaning cycles. Thanks to the LED indicator on the robot or via its dedicated app, you are always informed of its battery life in real time.
- At the end of each cycle, the **F1Sonic Pro** can be parked next to a wall for easy retrieval using the hook supplied.
- The **F1Sonic Pro** can be programmed via the control panel on the robot or via its dedicated app. It is equipped with a Bluetooth module and a Wifi module, so not only can it be managed via its app, but its software can also be updated easily over Wifi.
- The **F1Sonic Pro** is equipped with active PVC brushes and powerful suction for intense cleaning of all types of pools.
- The **F1Sonic Pro**'s battery charges ultra-fast, taking just 2:50/3:00 to fully recharge, giving you greater flexibility of use.



# Robotic Pool Cleaners

## F1R LINE

BWT F1SONIC PRO - Robotic pool cleaners | Family 3740

## BWT F1 Sonic Pro cordless robot

- Lightweight
- Long battery life: 3 to 4 hours
- 2:50/3:00 quick charge
- Wifi and Bluetooth with app
- Programming via the app or on the robot's control panel
- 3 cleaning modes: Bottom, Walls and Waterline
- Turbo mode
- Eco mode (programme of 3 cleaning cycles)
- 6 cycles from 30 minutes to 4 hours
- Double basket 180/80µm







**Introducing the next-generation cordless robot cleaner, designed for exceptional performance and ultimate convenience.**

Equipped with advanced ultrasonic radar technology, it intelligently plans its route for efficient, thorough cleaning. Powered by three high-performance motors, this robot combines durability and lightness.

It offers a powerful flow rate of 15 m³/h, complemented by a 4-litre double-layer filtration system. Equipped with a quick-charge replaceable battery, it offers up to 3.5 hours of continuous operation on a single charge.

**This revolutionary cleaner marks a significant advance in intelligent pool maintenance.**

| CLEANING CYCLE | BRUSH TYPE | DOUBLE BASKET 180/80 µm | GUARANTEE | APPLICATION | CLEANING FLOOR | CLEANING WALLS | CLEANING WATERLINE |
|---|---|---|---|---|---|---|---|
| 3.0 hrs<br>4.0 hrs<br>6 cycles | PVC | | 2 years | | | | |

| Code | Description | Quantity per pallet |
|---|---|---|
| 125663050 | Robotic pool cleaners BWT F1Sonic Pro | 24 |

# Robotic Pool Cleaners

## F1R LINE

### BWT F1R - Robotic pool cleaners

Family 3740

PRO EXCLUSIVE




- Powerful | Lightweight
- Single filter high performance
- Premium app with remote control
- Gen 7 core navigation system
- LED
- Rapid water drainage

BWT New Gen CORE 7

| 1.5 hrs<br>2.0 hrs<br>2.5 hrs | PVC | 46 ft | 3 years |
|---|---|---|---|
| CLEANING CYCLE | BRUSH TYPE | CABLE LENGTH | GUARANTEE |

BWT Best Water App

Download on the App Store

GET IT ON Google Play

| Code | Description | Quantity per pallet |
|---|---|---|
| 125663060 | Robotic pool cleaners BWT F1R | 24 |

### BWT F1RX - Robotic pool cleaners

Family 3740

PRO EXCLUSIVE




- Powerful | Lightweight
- Hyperfine double filtration
- Premium app with remote control
- Gen 7 core navigation system
- LED
- Rapid water drainage

BWT New Gen CORE 7

| 1.5 hrs<br>2.0 hrs<br>2.5 hrs | PVC | 59 ft | 3.5 years |
|---|---|---|---|
| CLEANING CYCLE | BRUSH TYPE | CABLE LENGTH | GUARANTEE |

BWT Best Water App

Download on the App Store

GET IT ON Google Play

| Code | Description | Quantity per pallet |
|---|---|---|
| 125663065 | Robotic pool cleaners BWT F1RX | 24 |

# Robotic Pool Cleaners

## F1R LINE

### BWT F1RXT - Robotic pool cleaners

Family 3740

PRO EXCLUSIVE

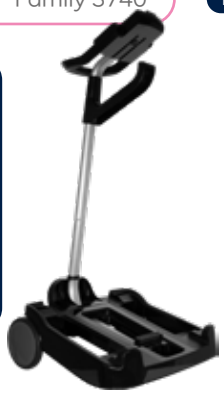
New Gen CORE 7

BWT Best Water App

Download on the App Store

GET IT ON Google Play

- Unrivalled suction power
- Ultra-fine 4D filtration retains the finest particles such as sand and pollen
- Premium app with remote control
- LED
- Full filter indicator
- PVA foam
- Transport trolley
- Gen 7 core navigation system









CLEANING CYCLE




BRUSH TYPE




CABLE LENGTH



CADDY




GUARANTEE

| Code | Description | Quantity per pallet |
|---|---|---|
| 125663098 | Robotic pool cleaners BWT F1RXT | 16 |

| | BWT F1SONIC PRO | BWT F1R | BWT F1RX | BWT F1RXT |
|---|---|---|---|---|
| Pool size | 15 m (any shape and surface finish) | 10 m (any shape and surface finish) | 12 m (any shape and surface finish) | 15 m (any shape and surface finish) |
| Duration of the cleaning cycle | 3.0 hrs or 4.0 hrs 6 cycles | 1.5 hrs, 2.0 hrs or 2.5 hrs | 1.5 hrs, 2.0 hrs or 2.5 hrs | 1.5 hrs, 2.0 hrs or 2.5 hrs |
| Remote control | Wifi \| Bluetooth Application | Application + Remote control | Premium Application + Remote control | Application + Remote control |
| Cleaning Type | Floor, walls and waterline | Floor, walls and waterline | Floor, walls and waterline | Floor, walls and waterline |
| Filter type | Double basket 180/80µm | Single filter high performance | Double hyperfine filtration | 4D, hyperfine microfibre |
| Brush type | PVC brushes | PVC brushes | PVC brushes | PVA brushes |
| Battery | ✓ | ✗ | ✗ | ✗ |
| Length of the cable | ✗ | 14m, floating cable Gen Core 7 | 18 m, floating cable Gen Core 7 | 23 m, floating cable Gen Core 7 |
| Dimensions (L x W x H) | 43 x 40 x 23 cm | 51 x 45 x 33 cm | 51 x 45 x 33 cm | 39 x 43 x 23 |
| Weight | 7,9 kg | 5,75 kg | 5,75 kg | 11 kg |
| Consumption | 9600 mAh | 150 Watt | 150 Watt | 150 Watt |
| Warranty | 2 years | 3 years | 3.5 years | 4 years |

### CADDY

| Code | Description | Quantity per pallet |
|---|---|---|
| 125301812 | Caddy | |






# ESSENTIAL RANGE
## ROBOTIC POOL CLEANERS

# Robotic Pool Cleaners

ESSENTIAL LINE

## Discover the ESSENTIAL range

SMART ROBOTS FOR A SWIMMING POOL THAT'S ALWAYS SPOTLESS.

BWT Best Water App

Download on the App Store

GET IT ON Google Play

**Pool robots designed to simplify your maintenance and give you crystal-clear water all year round.**

**Thanks to their innovative patented technologies, they effectively clean the bottom, sides and waterline of all your pools, whatever their shape.**

### 2 BWT innovations:

- The ES 700 and ES 800 are equipped with the new GenCore 7 navigation technology, enabling smart control of the power cable and complete coverage of the pool. No more tangled cables!
- The ES ECHO cordless robot combines advanced performance with excellent value for money. It is equipped with Smart Park technology: at the end of the cycle, the robot parks near a wall for easy retrieval.




**ES Echo**




**ES700**




**ES800**

BWT New Gen CORE 7

## Innovation

**Get ready to transform pool maintenance with BWT Robotics cleaner robots, equipped with the revolutionary Smart Cable Control innovation for optimal cleaning!**

This advanced system is combined with the precision of our **Gen Core 7 navigation technology**. It optimises the robot's movements in your pool, ensuring perfect cleaning every time (cable without swivel).

The **Gen Core 7 navigation system** coordinates and processes the information supplied by all the sensors built into the robot, which collect data in real time.

# Robotic Pool Cleaners

ESSENTIAL LINE

## The BWT ES ECHO is BWT's latest technological innovation

FOR CORDLESS POOL CLEANING

BWT Robotics

Download on the App Store

GET IT ON Google Play

**The BWT ES Echo benefits from the latest technological developments in cordless pool cleaning.**

- The **BWT ES Echo** finds its way around your pool thanks to its ultrasonic sensors and gyroscope for optimised movement.
- 3 cleaning modes are available: Bottom only / Bottom, walls and waterline / Walls and waterline.
- The easy-to-clean, high-capacity filter basket retains large quantities of debris.
- The **BWT ES Echo**'s long battery life gives you a choice of 3 cleaning cycles. Thanks to the LED indicator on the robot or via its dedicated app, you are always informed of its battery life in real time.
- At the end of each cycle, the **BWT ES Echo** can be parked next to a wall for easy retrieval using the hook supplied.
- The **BWT ES Echo** can be programmed via the control panel on the robot or via its dedicated app. It is equipped with a Bluetooth module and a Wifi module, so not only can it be managed via its app, but its software can also be updated easily over Wifi.
- The **BWT ES Echo** is equipped with active PVC brushes and powerful suction for intense cleaning of all types of pools.

PVC



# Robotic Pool Cleaners

## ESSENTIAL LINE

BWT ES ECHO - Robotic Pool Cleaners | Family 3730

## Cable-free robots

### ESSENTIAL RANGE

- Light
- 2h30 to 3h00 autonomy
- Cable-free robot
- Wifi and Bluetooth with App
- Programming on the App or on the robot's control panel
- 3 cleaning modes: Bottom only, Bottom, sides and water line or sides only
- 3 cycles from 30 minutes to 3 hours
- Intuitive







**Introducing a cordless pool cleaner that combines advanced performance with excellent value for money.**

Equipped with ultrasonic radar technology, it intelligently plans its route for efficient, thorough cleaning. Powered by three reliable motors, this model is durable and lightweight.

It has a 4-litre filtration system with a 180 micron filter, guaranteeing effective removal of debris. The replaceable battery provides up to 2.5 hours of operation on a single charge.

**This cleaner provides intelligent pool maintenance at an exceptional price, offering a high-performance solution without breaking the bank.**

| CLEANING CYCLE | BRUSH TYPE | DOUBLE BASKET 180*M | GUARANTEE | APPLICATION | CLEANING FLOOR | CLEANING WALLS | CLEANING WATERLINE |
|---|---|---|---|---|---|---|---|
| 2.5 hrs<br>3.0 hrs<br>3 cycles | PVC | | 2 years | | | | |

| Code | Description | Quantity per pallet |
|---|---|---|
| 125663055 | Robotic pool cleaners BWT ES Echo | 24 |

# Robotic Pool Cleaners

## ESSENTIAL LINE

### BWT ES700 Robotic Pool Cleaners — Family 3730




- Cleans bottom, walls and water line
- Lightweight (less than 6 kilos)
- Powerful
- Intelligent Gen 7 Core

BWT New Gen CORE 7

| 2.0 hrs | PVC | 46 ft | 3 years |
|---|---|---|---|
| CLEANING CYCLE | BRUSH TYPE | CABLE LENGTH | GUARANTEE |

| Code | Description | Quantity per pallet |
|---|---|---|
| 125663108 | Robotic pool cleaners bwt es700 | 24 |

### BWT ES800 Robotic Pool Cleaners — Family 3730




- Cleans bottom, walls and water line
- Lightweight (less than 6 kilos)
- Powerful
- Remote control application
- Intelligent Gen 7 Core

BWT New Gen CORE 7

| 1.5 hrs<br>2.0 hrs<br>2.5 hrs | PVC | 59 ft | 3 years |
|---|---|---|---|
| CLEANING CYCLE | BRUSH TYPE | CABLE LENGTH | GUARANTEE |

BWT Best Water App

Download on the App Store

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| Code | Description | Quantity per pallet |
|---|---|---|
| 125663103 | Robotic pool cleaners bwt es800 | 24 |

# Robotic Pool Cleaners

## ESSENTIAL LINE

ESSENTIAL RANGE - Robotic Pool Cleaners | Family 3730

| | ES ECHO | ES700 | ES800 |
|---|---|---|---|
| **Pool size** | 12 m<br>( all shapes and finishes ) | 10 m<br>( all shapes and finishes ) | 12 m<br>( all shapes and finishes ) |
| **Cleaning Type** | Floor, walls and waterline | Floor, walls and waterline | Floor, walls and waterline |
| **Duration of the cleaning cycle** | 2.5 hrs, 3.0 hrs - 3 cycles | 2.0 hrs | 1.5 hrs, 2.0 hrs or 2.5 hrs |
| **Remote control** | Application smartphone | ✗ | Application smartphone |
| **Filter type** | Double basket 180/80*m | Single filter | Single filter |
| **Brush type** | PVC brushes | PVC brushes | PVC brushes |
| **Gyroscope** | ✓ | ✓ | ✓ |
| **Battery** | ✓ | ✗ | ✗ |
| **Length of the cable** | ✗ | 14 m, floating cable | 18 m, floating cable |
| **Dimensions (L x W x H)** | 43 x 40 x 23 cm | 39,5 x 36,5 x 20 cm | 39,5 x 36,5 x 20 cm |
| **Weight** | 7,9 kg | 5,7 kg | 5,7 kg |
| **Warranty** | 2 years | 3 years | 3 years |



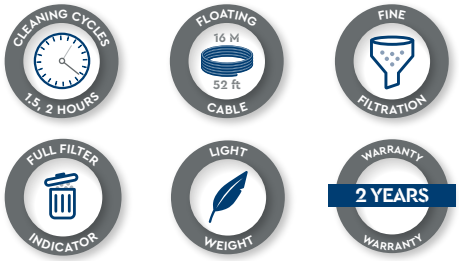
# Robotic Pool Cleaners

## RC LINE

### BWT RC30 Robotic Pool Cleaner — Family 3750




- Cleans floor, wall and waterline
- Lightweight (less than 6 kg)
- Smart Navigation
- Fine filtration
- Full filter indicator




| Code | Description | Quantity per pallet |
|---|---|---|
| 125626742 | BWT RC30 robotic pool cleaner | 24 |

### BWT RC40 Robotic Pool Cleaner — Family 3750




- Cleans floor, wall and waterline
- Lightweight (less than 6 kg)
- Smart Navigation
- Fine filtration
- Full filter indicator
- BWT mobile APP
- Compatible with floating battery




**BWT Best Water App**

Download on the App Store

GET IT ON Google Play

| Code | Description | Quantity per pallet |
|---|---|---|
| 125626741 | BWT RC40 robotic pool cleaner | 24 |

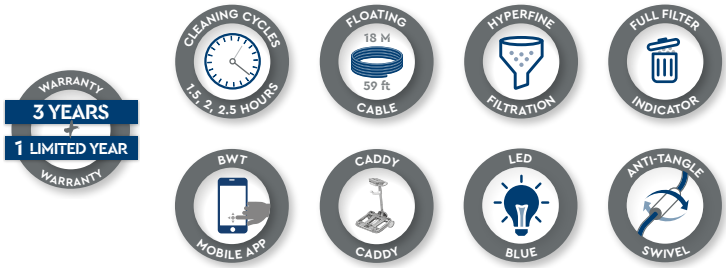
# Robotic Pool Cleaners

## RC LINE

BWT RC60 - Robotic Pool Cleaner | Family 3750




- Cleans floor, wall and waterline
- Smart Navigation
- Hyperfine filtration
- Full filter indicator
- Anti-tangle swivel
- BWT mobile APP
- LED blue
- Caddy




**BWT Best Water App**

Download on the App Store

GET IT ON Google Play

| Code | Description | Quantity per pallet |
|---|---|---|
| 125626740 | BWT RC60 robotic pool cleaner | 16 |

| | RC 30 | RC 40 | RC 60 |
|---|---|---|---|
| Pool size | 10 m | 10 m | 18 m |
| Cable length | 16 m | 16 m | 18 m |
| Cleaning options | Floor, Wall & Waterline | Floor, Wall & Waterline | Floor, Wall & Waterline |
| Cleaning cycles | 1.5 hrs, 2.0 hrs | 1.5 hrs, 2.0 hrs or 2.5 hrs | 1.5 hrs, 2.0 hrs or 2.5 hrs |
| Brushes | PVC | PVC | 4 PVA + vibrating brushes |
| Filtration | Fine filtration | Fine filtration | Ultrafine 4D microfiber |
| Gyroscope | ✓ | ✓ | ✓ |
| Full filter indicator | ✓ | ✓ | ✓ |
| APP | ✗ | ✓<br>Remote control<br>Cycles selection<br>Delayed departure<br>Scheduler<br>Status notification | ✓<br>Remote control<br>Cycles selection<br>Delayed departure<br>Scheduler<br>Status notification<br>Spot cleaning<br>Turbo mode<br>LED management |
| Swivel | ✗ | ✗ | ✓ |
| Weight | 5.75 kg | 5.75 kg | 11 kg |
| Battery Compatible | ✗ | ✓ | ✗ |
| Warranty | 2 Years | 2 Years + 1 Limited | 3 Years + 1 Limited |




# New Ultrasonic Mapping for Pool Cleaner

AQUABOT LINE

# Robotic Pool Cleaners

## AQUABOT & AQUABOT PRO

### Aquabot - Robotic Pool Cleaner

Family 3760

PRODUCT

- Ultrasonic Radar 2.0
- Turbo mode cleaning
- Super suction power
- Extra-wide dynamic brushes 10% wider than the previous generation
- Self-parking function when cleaning is finished or when the battery level drops below 10%



INTUITIVE APP CONTROL

AUTO PARKING

POOL SIZE 12X6M (40*20FT)

RUNTIME UP TO 180 MIN

CHARGING TIME 3-4 HOURS

### Aquabot PRO - Robotic Pool Cleaner

Family 3760

PRODUCT

- 360° Ultrasonic Radar System
- Turbo Mode Cleaning
- Manual Control
- One-Click Recovery
- Powerful 3-Axis Motors 4,700 GPH (17.8 m³/h) Suction Power



INTUITIVE APP CONTROL

AUTO PARKING & ONE CLICK LIFT

POOL SIZE 12X6M (40*20FT)

REMOTE AND REAL-TIME APP CONTROL

RUNTIME UP TO 210 MIN

CHARGING TIME 4-5 HOURS

| Models | Aquabot | Aquabot Pro |
|---|---|---|
| Cleaning Modes | Wall & Waterline, Floor, Overall | Wall & Waterline, Floor, Overall |
| Working Time | Up to 3 Hours | Up to 3.5 Hours |
| Battery Capacity | 9,300 mAh | 10,000 mAh |
| Charging Time | 3~4 Hours | 4~5 Hours |
| Suction Rate | 4,000 GPH (15.1 m³/h) | 4,700 GPH (17.8 m³/h) |
| Filter box | 180 µm (Standard) \| 100/75/50 µm (Optional) | |
| Debris Filters Capacity | 6.5 L (two Cartridges) | 6.5 L (two Cartridges) |
| Connection | Wi-Fi/Bluetooth | Wi-Fi/Bluetooth |
| App & OTA Updates | ✓ | ✓ |
| Charger Input | AC 100~240 V 50/60 Hz 1.5 A | AC 100~240 V 50/60 Hz 1.5 A |
| Code | 125681726 | 125681723 |

ATECPOOL
BWT GROUP




# F1R LINE

## RECHARGEABLE VACUUM CLEANERS

# Vacuum Cleaners

## F1R LINE RECHARGEABLE VACUUM CLEANERS

# A comprehensive range of rechargeable vacuum cleaners

FOR EFFECTIVE CLEANING OF SPAS AND POOLS.

2 years

GUARANTEE

**The F1R range of battery-powered vacuum cleaners has been designed to provide high-performance, easy-to-use and hard-wearing cleaning solutions.**

**BWT F1Spa Kit**





**BWT F1Giant**

**BWT F1Spot**



**BWT F1Turbo**



# Vacuum Cleaners

## F1R LINE RECHARGEABLE VACUUM CLEANERS

### BWT F1SPA KIT - Rechargeable Vacuum Cleaners

Family 3790

**PRO EXCLUSIVE**



- LED charge indicator
- Lightweight and easy to use
- USB charging
- 2 x 50 cm poles, spa scoop and hand scrubber included
- Stainless steel filter
- 2 interchangeable suction heads: swivel head + spa brush
- Ideal for spas and small pools
- Up to 3 m (10')

| 30 min | 75 | 0,3 L / 0,08 gal | | 2 years |
|---|---|---|---|---|
| CLEANING CYCLE | POWER RATING | FILTER CAPACITY | SMALL POOLS & SPAS | GUARANTEE |

| Code | Description | Quantity per pallet |
|---|---|---|
| 125664345 | Rechargeable vacuum cleaners BWT F1Spa Kit | 160 |

### BWT F1SPOT - Rechargeable Vacuum Cleaners

Family 3790

**PRO EXCLUSIVE**



- High-capacity stainless steel filter
- Fine filter bag included
- Connects to a standard telescopic handle (not included)
- Ideal for small to medium-sized pools
- Tapered suction head
- Ergonomic opening

| 40 min | 200 | 0,8 L / 0,21 gal | | 2 years |
|---|---|---|---|---|
| CLEANING CYCLE | POWER RATING | FILTER CAPACITY | SMALL TO MEDIUM POOLS | GUARANTEE |

| Code | Description | Quantity per pallet |
|---|---|---|
| 125665061 | Rechargeable vacuum cleaners BWT F1Spot | 56 |

# Vacuum Cleaners

## F1R LINE RECHARGEABLE VACUUM CLEANERS

### BWT F1GIANT - Rechargeable vacuum cleaners

Family 3790

PRO EXCLUSIVE



- Powerful 12 V motor
- Patented dual filtration system: Standard filtration (250 microns) + Extra-fine cartridge filtration (50 microns)
- Simple one-latch opening system
- 4 LED charge indicator
- Connects to a standard telescopic pole (not included)
- Ideal for medium to large pools

| 75 min | 500 | 3 L / 0,79 gal | | 2 years |
|---|---|---|---|---|
| CLEANING CYCLE | POWER RATING | FILTER CAPACITY | MEDIUM & LARGE POOLS | GUARANTEE |

| Code | Description | Quantity per pallet |
|---|---|---|
| 125664346 | Rechargeable vacuum cleaners BWT F1Giant | 80 |

### BWT F1TURBO - Rechargeable vacuum cleaners

Family 3790

PRO EXCLUSIVE




- Powerful 12 V motor with PWRBLADE driving system
- Flexible, extensions for continuous contact with the pool surface, which can be removed to clean narrow areas
- Spring-loaded metal swivel handle
- Lower brushes to loosen and pick up debris
- Click N' Lock filter bag attachment system
- Includes a standard filter bag, a fine filter bag and extra-fine cartridge filter bag
- 4 LED charge indicator
- Connects to a standard telescopic pole (not included)
- Ideal for all types of pools

| 75 min | 600 | 6,5 L / 1,72 gal | | 2 years |
|---|---|---|---|---|
| CLEANING CYCLE | POWER RATING | FILTER CAPACITY | ALL TYPES OF POOLS | GUARANTEE |




| | Code | Description | Quantity per pallet |
|---|---|---|---|
| 1 | 125664347 | Rechargeable vacuum cleaners BWT F1Turbo | 80 |
| 2 | 125664350 | 50 micron ultra-fine cartridge filter | |



# F1R LINE
## MAINTENANCE ACCESSORIES

# Maintenance Accessories

F1R LINE

## Pool maintenance has never been easier

THANKS TO OUR QUALITY ACCESSORIES!

**The F1R range of accessories meets all your pool maintenance needs.**

### A comprehensive range

The F1R range of maintenance accessories has been designed to be easy to use and long-lasting.

Particular attention has been paid to the design and ergonomics of the accessories in the F1R range.









# Maintenance Accessories

## F1R LINE

### F1R Wall brush — Family 3000

PRO EXCLUSIVE



- The aluminium handle and stand provide extra strength and durability.
- The position of the bristles means the pool can be thoroughly cleaned.
- Long-reach side brushes for cleaning corners, steps, ladders, beaches and other surfaces.
- Compatible with standard telescopic handles.

| Code | Description | Quantity per pallet |
|---|---|---|
| 125664355 | Wall Brush f1r | 6 |

### F1R Leaf rake — Family 3000

PRO EXCLUSIVE



- Durable aluminium handle and sturdy frame with high-strength gauge.
- Reinforced nylon net with extra traction panel offers extra protection and prevents easy breakage.
- Net and rim strip are replaceable.
- Extra wide debris collection area 50 cm.
- Double clip for easy attachment to and detachment from the handle.

| Code | Description | Quantity per pallet |
|---|---|---|
| 125664348 | Leaf Rake F1R | 12 |

### F1R Leaf Skimmer — Family 3000

PRO EXCLUSIVE



- Durable aluminium handle and sturdy frame with high-strength gauge.
- Replaceable, heavy-duty nylon mesh.
- Large debris collection area.
- Double clip for easy attachment and detachment to handle.

| Code | Description | Quantity per pallet |
|---|---|---|
| 125664349 | Leaf Skimmer F1R | 12 |

### F1R IG Vacuum Head — Family 3000

PRO EXCLUSIVE



- The weighted body maintains contact with the surface
- The swivel head prevents hoses from kinking
- Sturdy metal handle
- Brushes at the bottom for effective cleaning.
- Suitable for 32 and 38 mm diameter vacuum cleaner hoses
- Clips for easy attachment to a telescopic handle

| Code | Description | Quantity per pallet |
|---|---|---|
| 125664354 | IG Vacuum Head F1R | 6 |

# Maintenance Accessories

## F1R LINE

### F1R Digital Thermometer with Magnifying glass

Family 3000

PRO EXCLUSIVE

- Solar-powered and fully submersible
- Dial with magnifying glass for improved legibility
- Automatic switch-off after 150 seconds
- Temperature in Celsius and Fahrenheit



| Code | Description | Quantity per pallet |
|---|---|---|
| 125664344 | Thermometer F1R | 12 |

### F1R Chemical dispenser

Family 3000

PRO EXCLUSIVE

- 3-in-1 chemical dispenser with thermometer and refill indicator.
- The refill indicator rises when the dispenser is full and goes down when it is empty.
- Adjustable dosage
- Designed for 75 mm rollers
- Capacity: 5 rollers
- Temperature in Celsius and Fahrenheit




| Code | Description | Quantity per pallet |
|---|---|---|
| 125664343 | F1R chlorine dispenser with refill indicator | 6 |

### F1R Telescopic pole

Family 3000

PRO EXCLUSIVE

- Heavy-gauge aluminium tube, smooth tube finish
- The honeycomb pattern on the locks provides a better grip for locking and unlocking the stick.
- Ergonomic handle with rim for a comfortable grip
- Suitable for accessories with single or double V-clips



| Code | Description | Quantity per pallet |
|---|---|---|
| 125664351 | Telescopic pole F1R 2x180 cm | 12 |
| 125664352 | Telescopic pole F1R 2x240 cm | |
| 125664353 | Telescopic pole F1R 3x150 cm | |




# ESSENTIAL LINE
# MAINTENANCE ACCESSORIES

# Maintenance Accessories

ESSENTIAL LINE

## Accessories designed to keep your pool clean,

EFFORTLESSLY AND SIMPLY!

### Essential Vacuum-Head

Family 3000

- Weighted body maintains surface contact.
- Swivelling hose cuff avoids kinked hoses.
- Fits 32 & 38mm (1 ¼" & 1 ½") diameter vacuum hoses.
- Underside bristles for efficient cleaning.
- EZ clip facilitates attachment to telescopic pole.



| Code | Description | Quantity per pallet |
|---|---|---|
| 125664338 | ESSENTIAL triangular brush head | 6 |
| 125664339 | ESSENTIAL brush head | |

### Essential Brush

Family 3000

- 45 cm wide with rounded edges for easy cleaning and to protect the pool surface.
- Heavy-duty handle with EZ clip system for easy attachment of the telescopic handle.



| Code | Description | Quantity per pallet |
|---|---|---|
| 125664341 | ESSENTIAL Polybrush wall brush with aluminium handle | 8 |
| 125664342 | ESSENTIAL 45 cm wall brush | |

### Essential Leaf-skimmer

Family 3000

- Honey-comb shaped reinforcements for increased durability.
- Large skimming area.
- Heavy-duty nylon net.
- Double-pin facilitates attachment to telescopic pole.



| Code | Description | Quantity per pallet |
|---|---|---|
| 125664324 | ESSENTIAL Leaf-Skimmer | 12 |
| 125665060 | ESSENTIAL Leaf-Skimmer in aluminium with nylon mesh | |

# Maintenance Accessories

## ESSENTIAL LINE

### Essential Leaf-rake — Family 3000





1

- Lightweight aluminium frame and handle
- Double clip for easy attachment to standard telescopic handles
- Heavy-duty nylon mesh

2

- Honeycomb reinforcements for extra durability.
- Sloping edge makes it easy to pick up debris from the bottom of the pool.
- Sturdy nylon mesh.
- Double clip system for easy attachment of telescopic handle.

| | Code | Description | Quantity per pallet |
|---|---|---|---|
| 1 | 125664323 | ESSENTIAL Plastic Leaf Rake | 12 |
| 2 | 125665059 | ESSENTIAL Leaf Rake in aluminium with nylon mesh | |

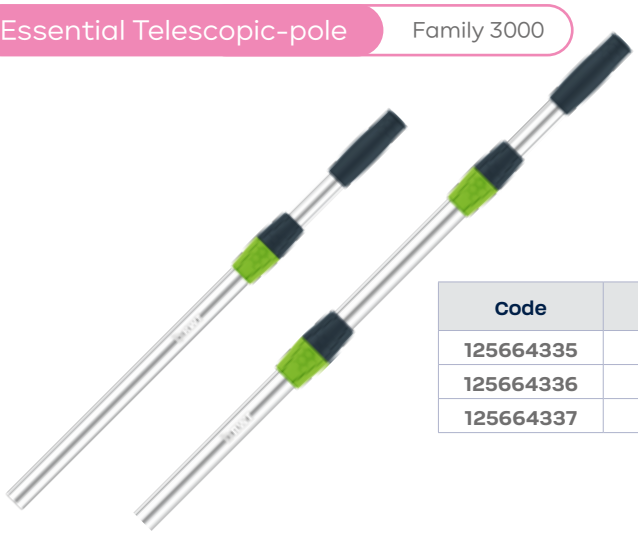
### Essential Floating-dispenser — Family 3000



- Unique design holds 5 x 76mm tablets.
- Dosage can be easily adjusted.
- Includes clamps for safe tablet handling.

| Code | Description | Quantity per pallet |
|---|---|---|
| 125664318 | ESSENTIAL Floating Dispenser | 12 |

### Essential Telescopic-pole — Family 3000



- Telescopic handle in 2 or 3 x 120 cm and 2 x 240 cm lengths.
- Maximum ergonomics with a perfect grip and easy, strong locking.
- Smooth 1.1 mm thick aluminium tube.

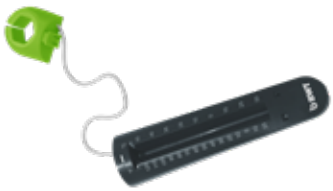
| Code | Description | Quantity per pallet |
|---|---|---|
| 125664335 | ESSENTIAL Pole 2x120cm, Smooth, Silv | 12 |
| 125664336 | ESSENTIAL Pole 3x120cm, Smooth, Silv | |
| 125664337 | ESSENTIAL Pole 2x240cm, Smooth, Silv | |

# Maintenance Accessories

## ESSENTIAL LINE

### Essential Thermometer — Family 3000

- Scale in Celsius & Fahrenheit.
- Securing cord with detachable hook for easy hanging on the railing or pool stairs.



| Code | Description | Quantity per pallet |
|---|---|---|
| 125596096 | ESSENTIAL Thermometer | 24 |

### Essential Thermometer — Family 3000

- Large floating thermometer for reading temperature without taking it out of the pool.
- Securing cord with hook for easy hanging on the railing or pool stairs.
- 0°C - 50°C temperature range. Floats on pool water surface



| Code | Description | Quantity per pallet |
|---|---|---|
| 125596098 | ESSENTIAL Large Floating Thermometer | 6 |

### Essential Pool-kit — Family 3000

**Complete kit for total pool maintenance.**

**Includes 5 pieces:**

- ESSENTIAL Plastic Leaf Rake,
- ESSENTIAL 45 cm Wall Brush,
- ESSENTIAL Brush head
- ESSENTIAL Thermometer
- 3-way test strips.





| Code | Description | Quantity per pallet |
|---|---|---|
| 125605462 | ESSENTIAL Pool Kit | 4 |







# Maintenance Accessories

## CLEANSTAR SERIES

### Cleanstar Heavy-Duty Aluminium Vacuum Heads

- Made of anodized aluminium
- Ideal for in-ground pools, the unique 3- section articulated body enables vacuuming into the base of pool walls
- Extra heavy weight for easy gliding. Heavy-duty metal handle with pivot maintains good surface contact
- Non-slip wheels with stainless steel hardware
- Full-length underside brushes help dislodge debris
- EZ-clip handle facilitates connection to standard telepole. Fits 38mm/ 11/2" and 50mm / 2" vacuum hoses
- New reinforced nylon structure



CS393CBX

### Cleanstar Aluminium Articulated Vacuum Head

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS393CBX** | 35cm / 14" CS Articulated Aluminium Vacuum Head | 2.4 | 0.008 |
| **CS394CBX** | 45cm / 18" CS Articulated Aluminium Vacuum Head | 2.8 | 0.008 |



CS3934

### Cleanstar Anodized Aluminium Vacuum Head

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS3934** | 35cm / 14" CS Aluminium Vacuum Head | 2 | 0.008 |
| **CS3938** | 45cm / 18" CS Aluminium Vacuum Head | 2.2 | 0.008 |

### Cleanstar Flexible Vacuum Heads

Extra wide flexible body with ball-bearing wheels for smooth and easy gliding.
Extra strong spring-loaded metal handle. Fits 38mm / 11/2" vacuum hoses.



CS763

### Cleanstar Premium Extra Weight Vacuum Head

Flexible articulated pool cleaner with 35 cm head, extra weight for better performance.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS763** | 35cm / 14" CS Premium Extra Weight Vacuum Head | 2.2 | 0.008 |



CS902

### Cleanstar Flexible Vacuum Head 35 cm / 14"

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS902** | 35cm / 14" CS Flexible Vacuum Head | 1.2 | 0.008 |



CS894

### Cleanstar Flexible Vacuum Head 48 cm / 19"

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS894** | 48cm / 19" CS Flexible Vacuum Head | 1.6 | 0.008 |

# Maintenance Accessories

CLEANSTAR SERIES

## Vacuum Heads



00510927

### Triangular Vacuum Head

Transparent triangular shaped vacuum head, with brushes and clip type. Handle with swivel system. 1 1/2" hose connection and outer 2".

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **00510927** | Triangular Vacuum Head | 1 | 0.008 |



005109125



005109135

### Flexible Vacuum Head Deluxe 35 cm / 14"

Flexible vacuum head with side brushes made in blue and white polyethylene. 35 cm head with 8 wheels and side brushes. Handle with swivel system. 1 1/2" hose connection and outer 2".

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **005109125** | Flexo Vacuum head with side brush | 1.1 | 0.008 |
| **005109135** | Flexible Vacuum head | 1.1 | 0.008 |



00500011

### Aluminium Vacuum Head

Vacuum head with wheels, anodised aluminium, clip type. 1 1/2" hose connection and outer 2".

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **00500010** | 35cm / 14" Aluminium Vacuum Head | 2 | 0.008 |
| **00500011** | 45cm / 18" Aluminium Vacuum Head | 2.2 | 0.008 |

## Telescopic Poles



CS451

### Cleanstar Telescopic Pole Corrugated

Extra heavy duty tubes with 1.4 mm wall thickness. Anodized aluminium in golden color. Ergonomically shaped lock and grip in dual material. Inner core made of hard and durable ABS. Soft comfortable grip.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS451** | Telescopic Pole 1.8 - 3.2 mtr GOLDEN | 1.3 | 0.005 |
| **CS401** | Telescopic Pole 2.4 - 4.8 mtr GOLDEN | 1.8 | 0.005 |



00105001

### Telescopic Pole Blue Professional

Telescopic pole in aluminium up to 4.8 m. Corrugated professional model for large pools, extra strong with 1.4 mm thickness.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **00105001** | Telescopic Pole 1.2 - 2.4 mtr BLUE Professional | 1.2 | 0.005 |
| **00105001-1** | Telescopic Pole 2.4 - 4.8 mtr BLUE Professional | 1.8 | 0.005 |
| **00105001-2** | Telescopic Pole 3.6 - 7.2 mtr BLUE Professional | 3.2 | 0.005 |

# Maintenance Accessories

CLEANSTAR SERIES

## Wall Brush



CS494

CS495

CS496

### Cleanstar Wall Brush Curved Metal Back

With long-lasting nylon bristles. Gold anodized aluminum handles.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS494** | 45cm / 18" CS Metal Back Wall Brushes | 0.6 | 0.008 |
| **CS495** | 60cm / 24" CS Metal Back Wall Brushes | 1 | 0.008 |
| **CS496** | 90cm / 36" CS Metal Back Wall Brushes | 1.2 | 0.008 |



00510930

### Wall Brush Curved

Curved brush 45 cm Clip type. Nylon bristles

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **00510930** | 45 cm Wall Brush Curved | 0.3 | 0.008 |



00510932

### Wall Brush Straight

Straight brush 26 cm Clip type. Nylon bristles.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **00510932** | 26cm Wall Brush Straight | 0.2 | 0.008 |



00510933

### Algae Brush S.S. Bristles

Algae model brush 26 cm. Stainless Steel bristles. Clip type.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **00510933** | 26cm Algae Brush SS Bristles | 0.2 | 0.008 |

## Leaf Rake



CS160

### Cleanstar Deep Leaf Rake Aluminium

Heavy gauge aluminium frame and handle.
Heavy-duty nylon net.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS160** | CS Deep Leaf Rake | 0.4 | 0.008 |



CS161

### Cleanstar Surface Leaf Skimmer Aluminium

Heavy gauge aluminium frame and handle.
Heavy-duty nylon net.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | (m³) |
| **CS161** | CS Surface Leaf Skimmer | 0.3 | 0.008 |

# Maintenance Accessories

CLEANSTAR SERIES

## Leaf Net



00510934

### Surface Leaf Net

Leaf Net Surface model. Manufactured in blue Polypropylene. The polyester net is welded to the leaf net frame.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | ($m^3$) |
| **00510934** | Surface Leaf Net | 0.22 | 0.008 |



00510935



00510925

### Deep Leaf Net Deluxe

Leaf Net Deep model. Manufactured in blue Polypropylene. The polyester net is welded to the leaf net frame.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | ($m^3$) |
| **00510935** | Leaf Net Deep | 0.3 | 0.008 |
| **00510925** | Leaf Net Deep | 0.3 | 0.008 |



CS353

### Cleanstar Floating Hose

High-performance vacuum hose Ø38mm / 1 1/2" with smooth internal walls to improve flow. Includes glued cuffs at each end. Shrink-wrap packaging.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | ($m^3$) |
| **CS353** | Cleanstar Floating Hose 10 mtr | 3 | 0.008 |
| **CS355** | Cleanstar Floating Hose 12 mtr | 4.5 | 0.008 |
| **CS396** | Cleanstar Floating Hose 15 mtr | 5.6 | 0.008 |
| **CS357** | Cleanstar Floating Hose 30 mtr | 11.2 | 0.008 |

## Test Kit



CS529

### Cleanstar 3-Way Test Kit pH & CL/BR

Measures pH, bromine / chlorine. Easy to read, and a more accurate scale. Includes 20ml (0.7 Fl. Oz.) phenol red & OTO reagents. Reagent bottles equipped with safety tops, for extra security.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | ($m^3$) |
| **CS529** | CS 3-Way Test Kit | 0.4 | 0.008 |



CS102

### Cleanstar 2-Way Test Kit Refills OTO & pH RED

20ml (0.7 Fl. Oz.) phenol red & OTO reagents. Reagent bottles equipped with safety tops, for extra security.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | ($m^3$) |
| **CS102** | CS 2-Way Test Refills | 0.2 | 0.008 |

# Maintenance Accessories

## CLEANSTAR SERIES

### Lovibond Scuba II Digital Test Kit




- Every pool owner should check the most important parameters in his pool at regular intervals. This is the only way to ensure that water quality is maintained at the right level and to arrange dosing in an optimum manner.
- The Scuba II enables the operator to check the pool water quickly and accurately. The integrated sample chamber is filled by immersing it in the water.
- A tablet reagent is added and generates a characteristic colour which can be measured using the photometric principle. The result is then displayed on the screen. Five parameters: free chlorine, total chlorine, pH, alkalinity and stabilizer (cyanuric acid) are measured within a few minutes.

| Code | Description | Optics | Power | Display | Dimensions | Weight |
|---|---|---|---|---|---|---|
| | | | | | (mm) | (kg) |
| **00505078** | Scuba II Test Kit | Temperature-compensated LED (λ = 530 nm) and photo-sensor | 2 batteries (AAA), capacity ca. 100 tests | LCD | 145 x 70 x 45 | 0.165 |



### Floating Dispenser

Allows easy dosage of pool chemicals with capacity for 4 tablets, 200 grams each.

| Code | Description | Diameter of tablet | Unit |
|---|---|---|---|
| | | inch | |
| **00505338** | Floating dispenser | 3" | 1 |


CS608



### Cleanstar Jumbo Float Thermometer

Jumbo size with an easy-to-read scale. Can be read without having to take the thermometer out of the water. Securing cord included. 0°C - 50°C temperature range. Floats on pool surface. 40 cm height.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | ($m^3$) |
| **CS608** | CS Jumbo Float Thermometer | 0.4 | 0.008 |


CS785

### Cleanstar Character Thermometer

Each item is in complete clamshell packaging, or ready-to-sell color display tray of 12pcs. High quality roto-molded body in 6 phthalate free-material. Large clear view thermometer scale. Includes securing cord. Characters like duck, dolphin, turtle, etc.

| Code | Description | Weight | Volume |
|---|---|---|---|
| | | (kg) | ($m^3$) |
| **CS785** | CS Character Thermometers | 0.1 | 0.008 |

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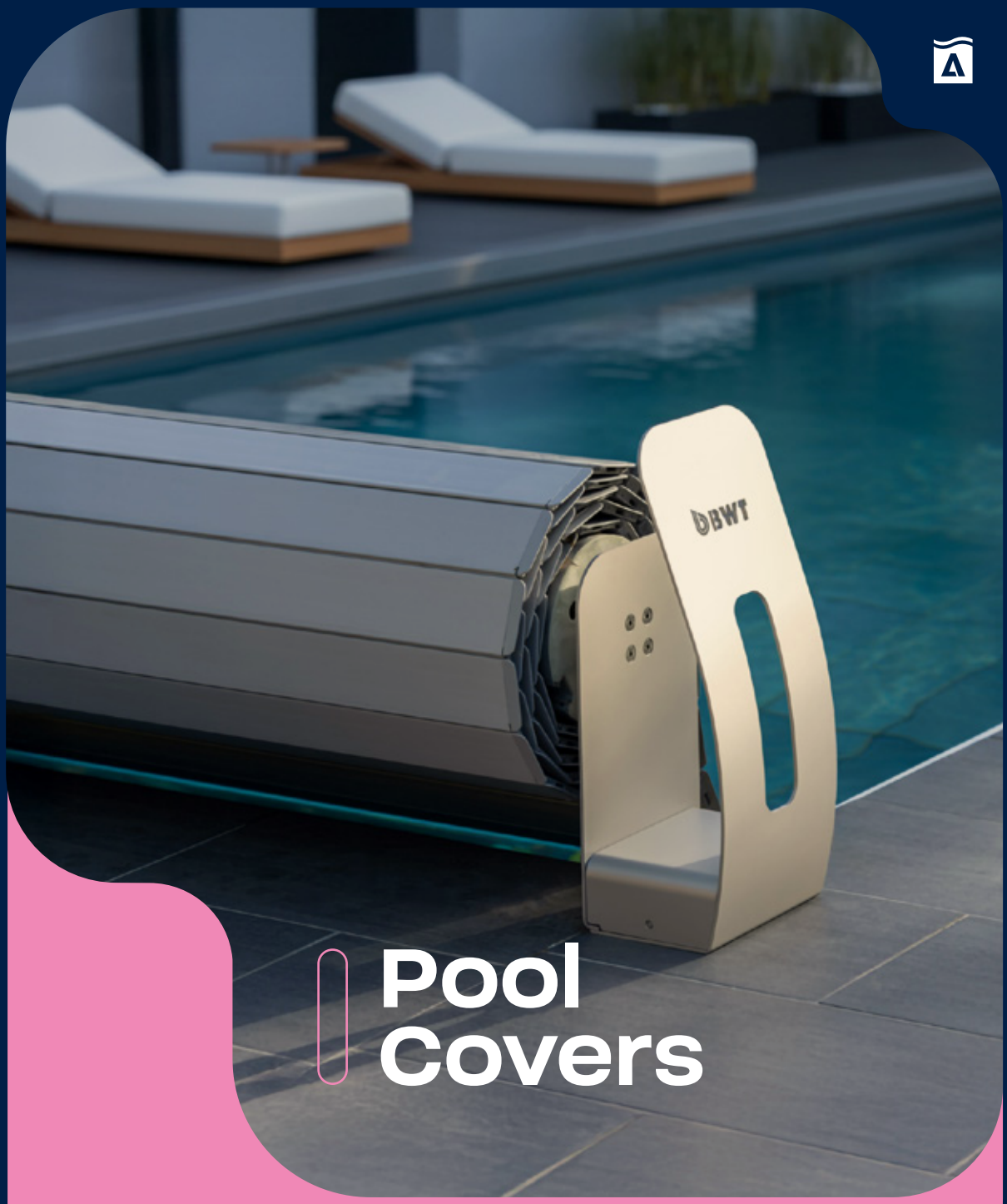
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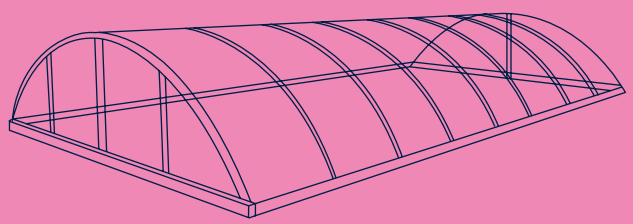

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atecpool.com

atecpool.com




# Pool Covers



INSPIRED By Water

ATECPOOL
BWT GROUP

# Pool Covers

## ECOVA A COMPLETE RANGE

ecova BY BWT

## A unique, complete and aesthetic range

OF AUTOMATIC COVERS FOR A SAFE, SUSTAINABLE AND CLEAN POOL

**Ecova offers a range of above-ground and submerged covers, combining design with maximum safety.**

**Our covers are made in France and close attention is paid to quality and aesthetics.**

### Strengths :

- Made in France: high-quality expertise guaranteed.
- Elegant design: blends perfectly with your outdoor space.
- Easy to install: quick and easy installation.
- Maximum safety: compliant with standards.
- Two types of slats: choose the quality that's right for you.










### Sustainable

**Ecova** reduces heat loss and evaporation in the swimming pool. It therefore reduces your energy bill and your water consumption.

### Safety

**Ecova** covers the pool, protects your children and pets and can hold up to 100 kg. Conformity to the French norm NF P90-308

### Clean

**Ecova** protects the water from plants, insects and dust and limits cleaning.

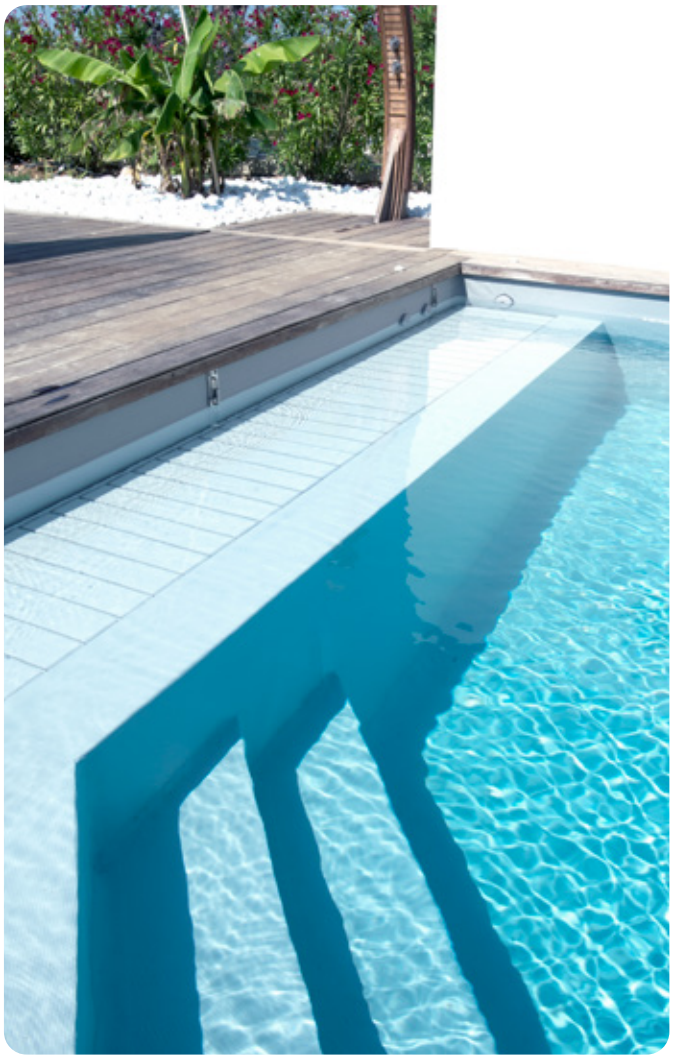
It limits the development of algae.

# Pool Covers

## NEW: BWT SUBÉO & BLUETOOTH

## BWT SUBÉO, the new automatic cover

WITH SUBMERGED GRATING, DESIGNED AND DEVELOPED FOR AESTHETIC APPEAL AND EASE OF INSTALLATION AND USE.



### Aesthetics:

- New grating for a perfect finish:
  - 5 grating finishes, 4 in PVC and 1 in aluminium.
  - Grating cap in grained ABS finish.
  - The decor can be changed without replacing the entire grating.
- Adjust the gap between 2 grating slats to fit the width of the pool perfectly.

### Easy to install and use:

- Several installation solutions:
  - 2 beams + concrete wall
  - 1 beam + concrete wall
  - 2 beams + PPS panels
- 2 fixing systems:
  Pool Fittings (PaS) or wall mounting (FM)
- A new design for a light, strong beam without a deflector.
- The grating is fixed to the beam using a quick, easy and safe clip system, allowing quick access for cleaning the pit.
- A design with margin for error:
  - Vertical compensation of the fastening system:
    ± 20 mm (PaS) and ± 10 mm (FM)
  - Adjustment of the grating rail to allow tolerance in the positioning of the beams.
- An installation tool is available that eliminates the need for civil engineering and makes installation much easier. It is designed for all BWT SUBÉO covers.

## New: Manage your automatic cover from the BWT Best Water Home app

**BWT** Best Water Home

Download from the App Store l'App Store

AVAILABLE ON Google Play

BWT ECOVA BLUETOOTH REMOTE



Open & Close control

LED management on the BWT Pearl Protect

Built-in Bluetooth module across the BWT Pearl Protect range and optional on other models

# Pool Covers

## THE CARBON FOOTPRINT OF SWIMMING POOLS



REDUCING

## The carbon footprint of swimming pools

**Submerged or above ground to protect the temperature and evaporation in the pool water.**

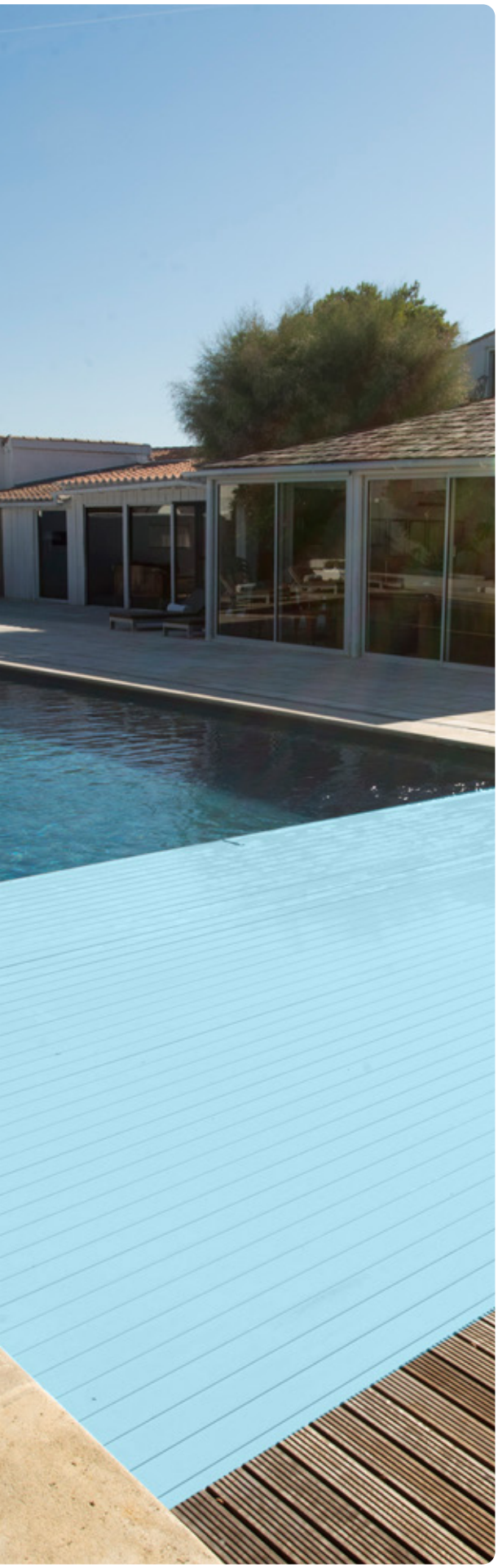
# -27%

of electricity consumption




FPP Propiscines 2024
film campaign

# Pool Covers
## ENERGY SAVING



## BWT swimming pool covers,

A COMPREHENSIVE RANGE 100% MADE IN FRANCE

**Whatever the season, your customer's pool needs protecting.**

# -95%

evaporation* by covering your pool

### Blocks water evaporation

BWT covers shield against the sun and heat, helping to protect pool water.

### Retains heat

Controls heat transfer, allowing you to manage the pool environment and maintain it at the desired temperature, 27% reduction in electricity consumption**

### Cleaner water

Helps maintain a pleasant, warm bathing environment by stopping the growth of algae and blocking natural debris.

Cleaner water will require less filtration and fewer treatment products.

### Enhanced safety

BWT covers protect your customers' investment in their pool.

In addition, the BWT automatic cover range protects against falls and complies with standard NF P90-308.

*California Polytechnic State University, 2016

# Pool Covers

## ECOVA A COMPLETE RANGE

# A PVC slat that is unique

## ON THE MARKET




- Hook fastening system.
- Improved transmission of force for STARDECK INÉO covers.
- Improved resistance to rolling the wrong way.
- The rigid slats feature 3 air chambers, giving them excellent buoyancy.

### An exclusive anti-tilt mechanism

- The slats comprising all our cover aprons are fitted with an anti-tilt system with the smallest angle of deflection achieved by any slat cover available on the market. This confers an increased load bearing capacity on the cover and so, better protection against accidental falls into the water.

### Angle between two slats: -50° to +15°

### A beautiful finish

- Each cover is designed to harmoniously follow the contours of your pool. A wide choice of slat colours allows you to add an additional touch of refinement to your pool setting.

### Plugs

- End plugs ultrasonically welded to each end allowing 1 mm of translation movement.

### Presentation on delivery

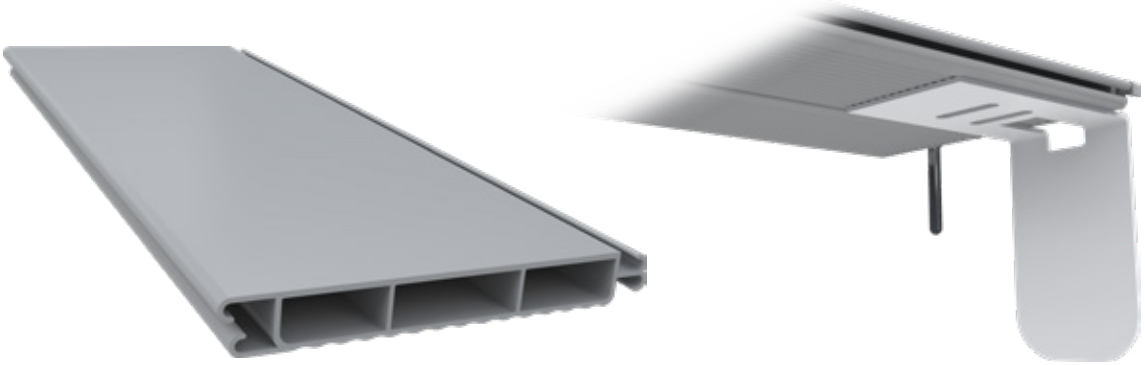
- Delivered in pre-assembled sets of 6 slats, assembly is 2 to 3 times faster,
- Slat accessories are mounted in the factory.

### Slot and slide assembly

- Simplifies assembly of the cover apron,
- The method of assembly, unlike assembly by clipping, protects the hinge.

### Assembly by clipping

- Compatible with pools up to 4 m wide,
- Suitable for pools located in areas without much room for manoeuvre.



The surface area of the cover slat apron is calculated based on the exact width and length of the pool without any additions.

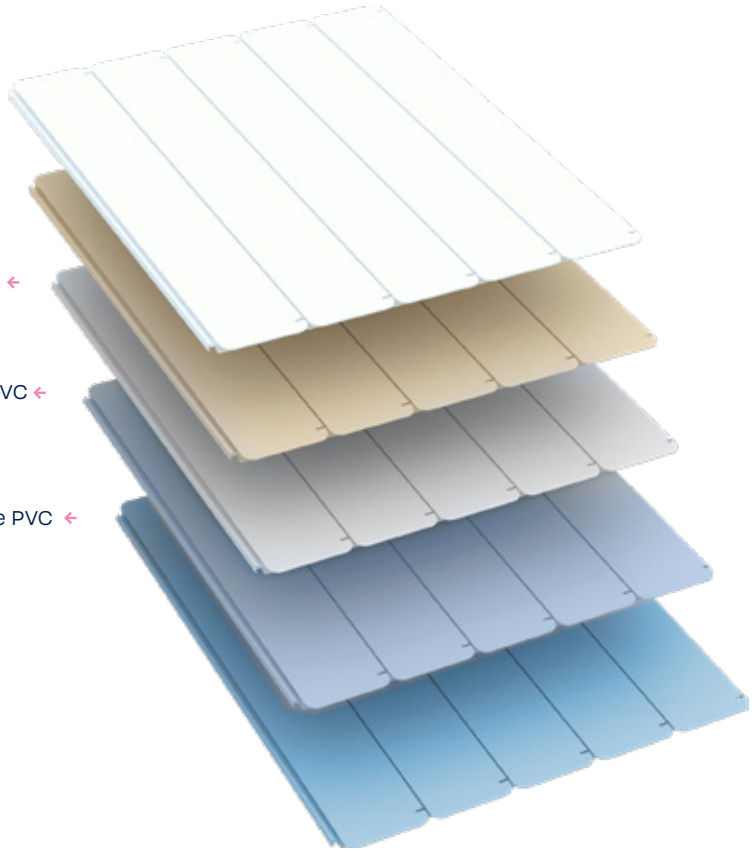
# Pool Covers

## SLAT APRON

ecova

### PVC Slat Cover Aprons | Family 6900

White PVC
Beige PVC
Grey PVC
Silver-grey PVC
Light blue PVC



| Description | White PVC | Beige PVC | Grey PVC | Silver-grey PVC | Light blue PVC |
|---|---|---|---|---|---|
| Code | 32000300 | 32000500 | 32000800 | 32000810 | 32000100 |

The colours of the slats are similar to the colours of the liners and pool fittings. Except for silver-grey PVC.

### Polycarbonate Slat Cover Aprons | Family 6900

Silver + black

Anthracite gray + black



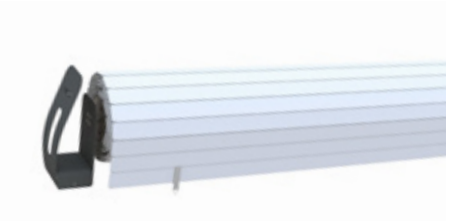
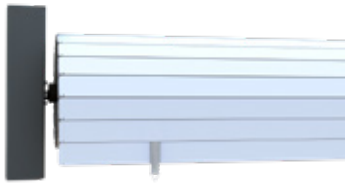

Polycarbonate slats are only allowed for submerged cover with a stepped finish

| Description | Silver + black | Anthracite gray + black |
|---|---|---|
| Code | 33040000 | 33040200 |

# Pool Covers

## ABOVE-GROUND AUTOMATIC COVER

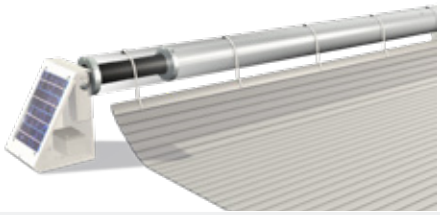
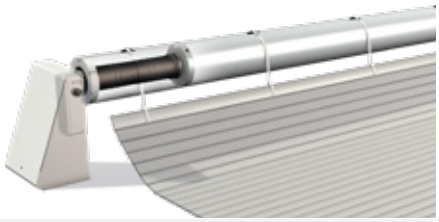
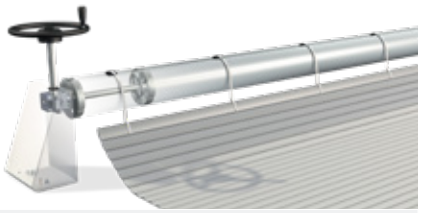


| |  |  |
|---|---|---|
| **Model** | **BWT PEARL PROTECT** | **BWT AQUAMATIC** |
| **Technical Data** | | |
| **Axle** | Anodised Aluminium Ø 190mm | Anodised Aluminium Ø 190mm |
| **Ends of travel** | Mechanical | Mechanical |
| **Maximum pool dimensions** | 10 x 5.09 m | 12 x 5.09 m |
| **Safety fasteners** | | |
| **PVC slat apron colours** | | |
| **End stand colours** | | |
| **Electrolyser Contact** | ✓ | ✗ |
| **Bluetooth** | ✓ | ✓ Option |
| **Standards / guarantees** | | |
| **Standard compliance** | NF P90-308 | NF P90-308 |
| **Guarantee** | 5 years | 2 years |

# Pool Covers

## ABOVE-GROUND AUTOMATIC COVER




| | AQUADECK ES | AQUADECK EC | AQUADECK EM |
|---|---|---|---|
| |  |  |  |
| | Anodised Aluminium Ø 190/192 mm | Anodised Aluminium Ø 190/192 mm | Anodised Aluminium Ø 190mm |
| | Electronic | Electronic | ✗ |
| | 14 x 6,09 m | 14 x 6,09 m | 12 x 5,09 m |
| | | | |
| | | | |
| | | | |
| | ✗ | ✗ | ✗ |
| | ✗ | ✗ | ✗ |
| | NF P90-308 | NF P90-308 | NF P90-308 |
| | 5 years | 5 years | 5 years |

## ORDER AN ABOVE-GROUND COVER IN 4 STEPS

1 Choose the colour of the cover slats
2 Choose the step piece
3 Choose the fastening system
4 Choose an above-ground mechanical assembly

POOL COVERS

# Pool Covers

## BWT PEARL PROTECT

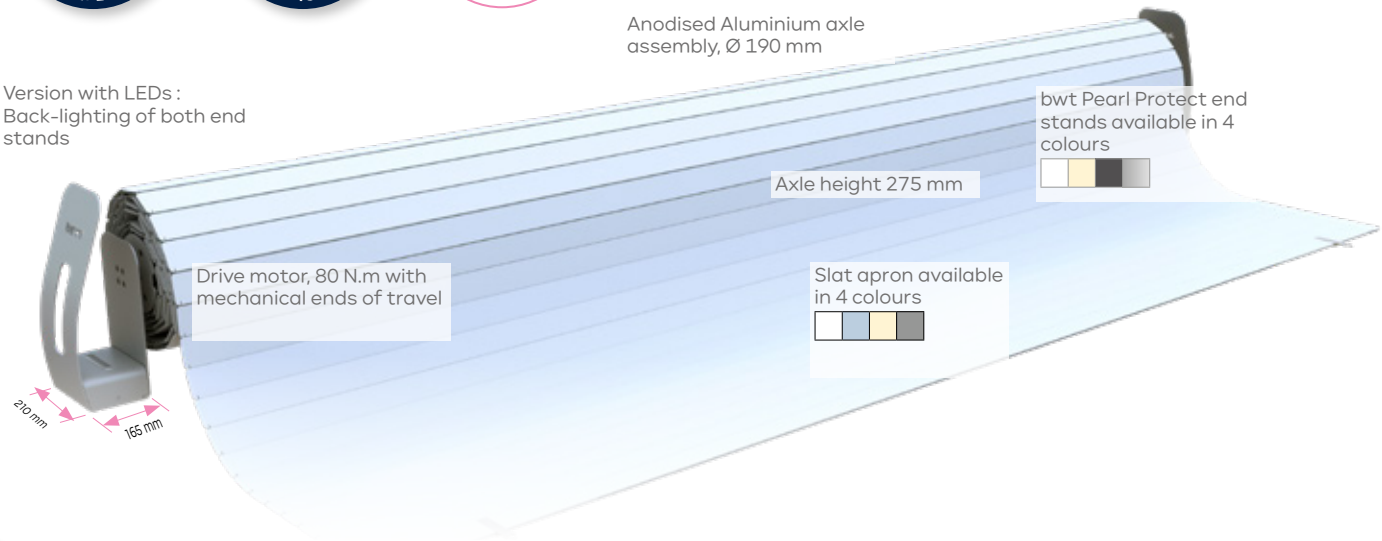
Scan to watch the video!

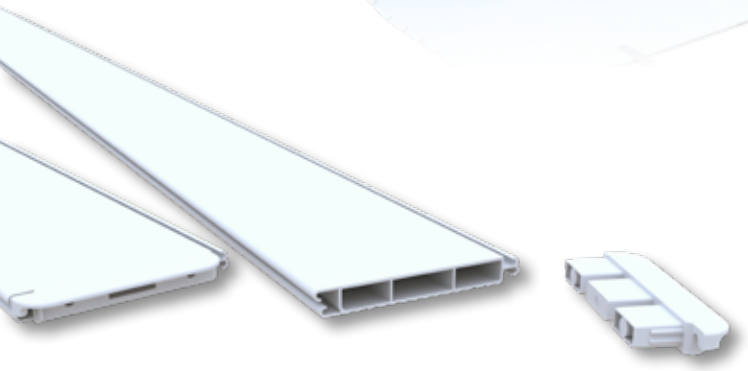


- Fast installation.
- Reliable end of travel system.
- Visual appeal/ Clean design
- The grain of the Qualicoat paint on lacquered models helps protect against scratchings.
- Complies with NF P90-308 standard.
- The top of the axle is level with the small side of the end stand.
- The top of a 10 m cover when rolled up reaches the top of the rear part of the leg, at a height of 500 mm.
- Bluetooth remote control

STANDARD NF P90-308 COMPLIANT

GUARANTEE 5 YEARS AUTOMATIC COVERS



All BWT automatic covers can be fitted with a customised straight, roman or custom shaped step pieces.
Choice of two step finishes: stepped or shaped.

## Mechanical assembly:

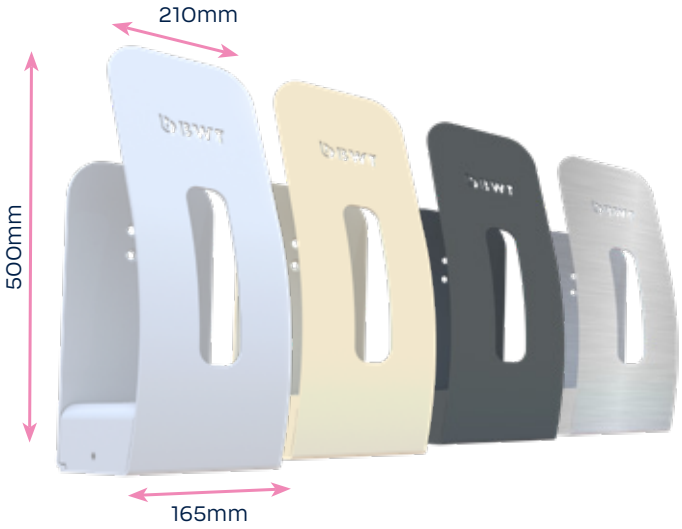
- Anodised Aluminium axle fitted with a drive motor
- 80 N.m motor with mechanical ends of travel
- Electrolyser contact
- Remote installed key switch
- Version without LED lighting
- Version with LED lighting:
  - Backlighting of both end stands
  - Colour LEDs with remote control
- Integrated Bluetooth remote control module

## Order an above-ground cover in 4 steps

1 Choose the colour of the cover slats
2 Choose the step piece
3 Choose the fastening system
4 Choose an above-ground mechanical assembly

# Pool Covers

## BWT PEARL PROTECT




| Code | Description |
|---|---|
| | **Pearl Protect with LEDs** |
| 38262300 | Pearl protect mechanical assembly with LEDs < 3.10 m, white |
| 38260500 | Pearl protect mechanical assembly with LEDs < 3.10 m, beige |
| 38260600 | Pearl protect mechanical assembly with LEDs < 3.10 m, anthracite |
| 38260000 | Pearl protect mechanical assembly with LEDs < 3.10 m, anodised |
| 38260100 | Pearl protect mechanical assembly with LEDs < 3.10 m, color addict |
| | |
| 38264300 | Pearl protect mechanical assembly with LEDs < 4.10 m, white |
| 38261500 | Pearl protect mechanical assembly with LEDs < 4.10 m, beige |
| 38261600 | Pearl protect mechanical assembly with LEDs < 4.10 m, anthracite |
| 38261000 | Pearl protect mechanical assembly with LEDs < 4.10 m, anodised |
| 38261100 | Pearl protect mechanical assembly with LEDs < 4.10 m, color addict |
| | |
| 38266300 | Pearl protect mechanical assembly with LEDs < 5.10 m, white |
| 38263500 | Pearl protect mechanical assembly with LEDs < 5.10 m, beige |
| 38263600 | Pearl protect mechanical assembly with LEDs < 5.10 m, anthracite |
| 38263000 | Pearl protect mechanical assembly with LEDs < 5.10 m, anodised |
| 38263100 | Pearl protect mechanical assembly with LEDs < 5.10 m, color addict |
| | **Pearl Protect without LEDs** |
| 38250300 | Pearl protect mechanical assembly without LEDs < 3.10 m, white |
| 38250500 | Pearl protect mechanical assembly without LEDs < 3.10 m, beige |
| 38250600 | Pearl protect mechanical assembly without LEDs < 3.10 m, anthracite |
| 38250000 | Pearl protect mechanical assembly without LEDs < 3.10 m, anodised |
| 38250100 | Pearl protect mechanical assembly without LEDs < 3.10 m, color addict |
| | |
| 38251300 | Pearl protect mechanical assembly without LEDs < 4.10 m, white |
| 38251500 | Pearl protect mechanical assembly without LEDs < 4.10 m, beige |
| 38251600 | Pearl protect mechanical assembly without LEDs < 4.10 m, anthracite |
| 38251000 | Pearl protect mechanical assembly without LEDs < 4.10 m, anodised |
| 38251100 | Pearl protect mechanical assembly without LEDs < 4.10 m, color addict |
| | |
| 38252300 | Pearl protect mechanical assembly without LEDs < 5.10 m, white |
| 38253500 | Pearl protect mechanical assembly without LEDs < 5.10 m, beige |
| 38253600 | Pearl protect mechanical assembly without LEDs < 5.10 m, anthracite |
| 38253000 | Pearl protect mechanical assembly without LEDs < 5.10 m, anodised |
| 38253100 | Pearl protect mechanical assembly without LEDs < 5.10 m, color addict |

## Unique on the market!



**Version with LEDs:**
Backlighting of both end stands.
Colour LEDs with remote control.



**Version without LEDs.**



**Pearl Protect customisable**

Choose your colour

## Order an above-ground cover in 4 steps

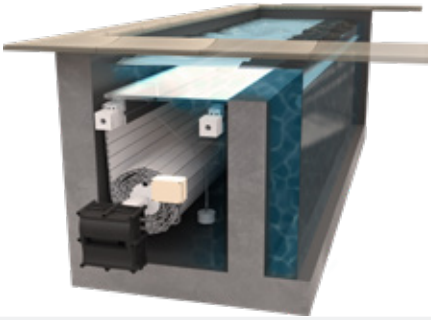
1 Choose the colour of the cover slats
2 Choose the step piece
3 Choose the fastening system
4 Choose an above-ground mechanical assembly

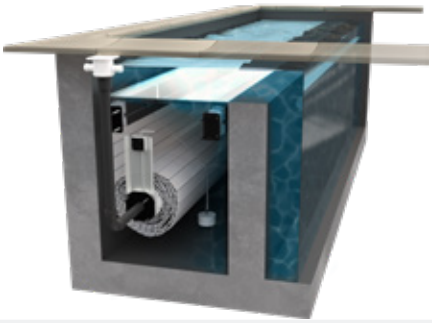
POOL COVERS

# Pool Covers

## SUBMERGED AUTOMATIC COVER

ecova



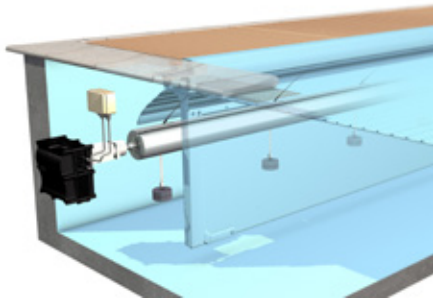


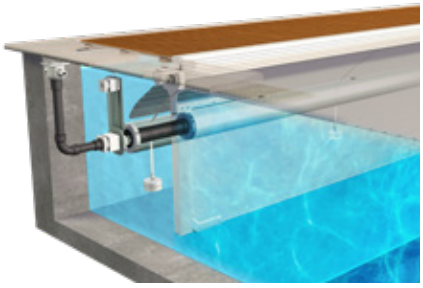
| | BWT SUBÉO | BWT SUBÉO AX-IN |
|---|---|---|
| **Technical Data** | | |
| **Axle** | Anodised Aluminium<br>Ø 150/180 mm | Anodised Aluminium<br>Ø 190/192 mm |
| **Ends of travel** | Electronic | Electronic |
| **Maximum dimensions** | Max length: 16 m<br>Max width: 8,09 m | Max length: 16 m<br>Max width: 6.09 m |
| **Declutchable** | ✓ | Available as an option |
| **Wall mounted or sealed in** | ✗ | ✓ |
| | ✓ | ✓ |
| **Pit wall** | | |
| **Safety fastener** | | |
| **PVC slat Apron colours \| Solid PVC** | | |
| **Polycarbonate slat Apron colours** | | |
| **Duckboarding**<br>pvc \| wood \| welded \| tiled \| aluminium | | |
| **Aluminium beam** | Anodised | Anodised |
| **Bluetooth** | ✓ Option | ✓ Option |
| **Standards / guarantees** | | |
| **Standard compliance** | NF P90-308 | NF P90-308 |
| **Guarantee** | 5 years | 5 years |

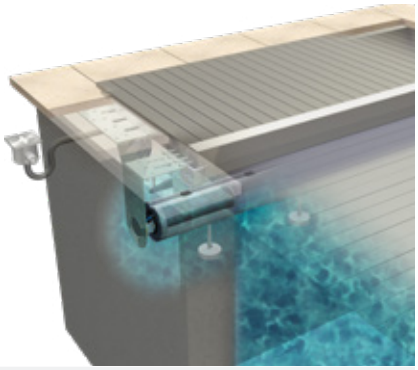
# Pool Covers

## SUBMERGED AUTOMATIC COVER

ecova







| BWT STARDECK & STARDECK HIGH WATER LEVEL | BWT STARDECK AX-IN & STARDECK AX-IN HIGH WATER LEVEL | BWT COVERDECK AX-IN & COVERDECK AX-IN HIGH WATER LEVEL |
|---|---|---|
| Anodised Aluminium Ø 150/180/250 mm | Anodised Aluminium Ø 190/192 mm | Anodised Aluminium Ø 190/192 mm |
| Electronic | Electronic | Electronic |
| max length, standard water level: 23 m<br>max length, high water level: 16 m<br>Max width: 8.09 m | max length, standard water level: 20 m<br>max length, high water level: 15 m<br>Max width: 6.09 m | Max length :14 m - Max width: 6.09 m |
| ✓ | Available as an option | ✓ |
| ✗ | ✓ | ✗ |
| ✓ | ✓ | ✗ |
| | | |
| | | |
| | | |
| | | |
| | | |
| Lacquered | Lacquered | Lacquered |
| ✓ Option | ✓ Option | ✓ Option |
| **NF P90-308** | **NF P90-308** | **NF P90-308** |
| 5 years | 5 years | 5 years |

# Pool Covers

## BWT SUBÉO AX-IN

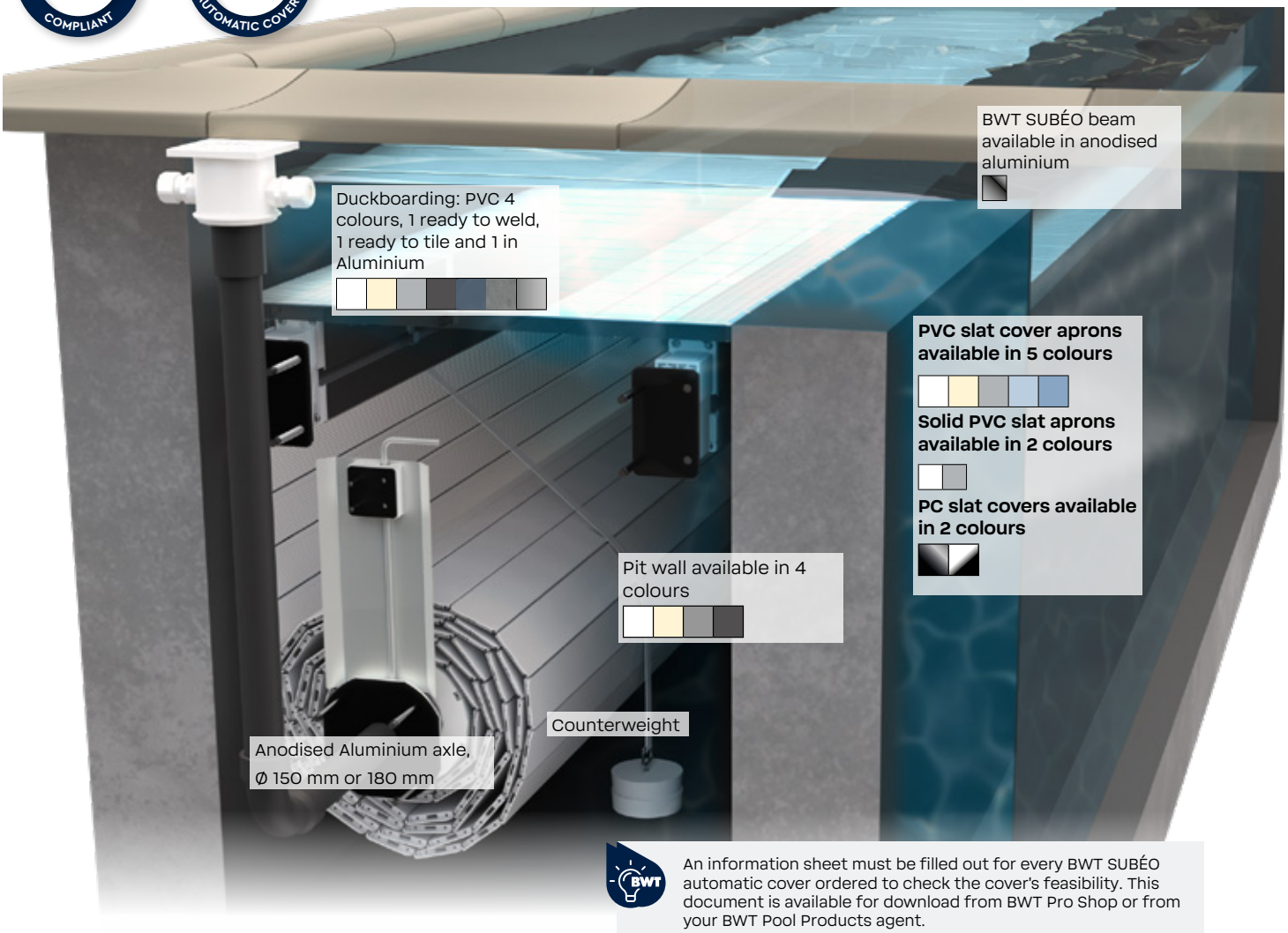
NEW IN 2025



STANDARD NF P90-308 COMPLIANT

GUARANTEE 5 YEARS AUTOMATIC COVERS

BWT SUBÉO is designed for pools with sharp corners and in 150/100th, tiled or concrete. The flap box must be fitted with a bottom drain and a return.




An information sheet must be filled out for every BWT SUBÉO automatic cover ordered to check the cover's feasibility. This document is available for download from BWT Pro Shop or from your BWT Pool Products agent.

## ORDER A SUBMERGED COVER IN 9 STEPS

1 Choose the colour of the slat apron
2 Choose the step piece
3 Choose the fastening system
4 Choose the mechanical assembly
5 Choose the beam and the brackets

# Pool Covers

## BWT SUBÉO AX-IN




### Mechanical assemblies:

- 1 anodised Aluminium axle, Ø 190 mm or 192 mm depending on the width and depth of the pool,
- 1 leaktight motor located in the cover axle,
- 1 ABS deck box,
- 1 control panel
- 3 or 4 counterweights depending on the pool width.

PRODUCT+

- **Specially designed for easy installation,**
- **Lightweight, ultra-strong beam,**
- **Installation without deflector,**
- **New grating with interchangeable finish,**
- **Submerged enclosure with adjustable gap between 2 grating slats,**
- **Grating simply clips in place,**
- **Vertical compensation of the fixing system,**
- **Motor in dry pit,**
- **Limit switch management box,**
- NEW **Optional Bluetooth**
- NEW **Optional installation tool**
- **Available in non-declutchable version and declutchable version that allows the pool to be secured in the event of a power outage or motor failure.**
- **Comes in sealed fitting and wall mounted fitting versions**

Installation video

| Code | Description |
|---|---|
| | **Mechanical structure** |
| **32204000** | Mechanical assembly BWT Subéo AX-IN C120, Ø 190, for pools less than 3.10 wide |
| **32204100** | Mechanical assembly BWT Subéo AX-IN C120, Ø 190, for pools less than 4.10 wide |
| **32204300** | Mechanical assembly BWT Subéo AX-IN C120, Ø 190, for pools less than 5.10 wide |
| **32204500** | Mechanical assembly BWT Subéo AX-IN C120, Ø 192, for pools less than 6.10 wide |
| **32206099** | Mechanical assembly BWT Subéo AX-IN C300, Ø190, for pools less than 3.10 wide |
| **32206100** | Mechanical assembly BWT Subéo AX-IN C300, Ø190, for pools less than 4.10 wide |
| **32206300** | Mechanical assembly BWT Subéo AX-IN C300, Ø190, for pools less than 5.10 wide |
| **32206500** | Mechanical assembly BWT Subéo AX-IN C300, Ø192, for pools less than 6.10 wide |
| | **Accessories** |
| **32299100** | Bluetooth remote control option, Immersed* |
| **45000015** | Deck box BWT Subéo AX-IN, white |
| **45000815** | Deck box BWT Subéo AX-IN, grey |
| **45000515** | Deck box BWT Subéo AX-IN, beige |

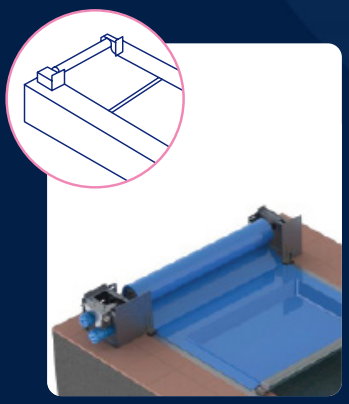
*can only be ordered with a structure.



6 Choose the pool fittings
7 Choose the duckboarding
8 Choose the pit wall
9 Add options

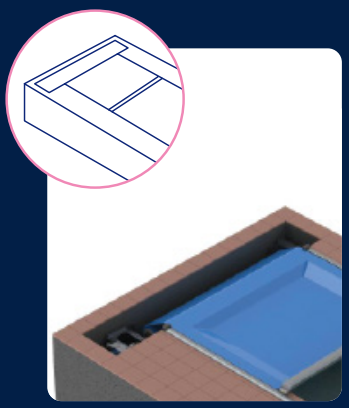
Pool Covers | Safety Covers

# Atecpool Manual Safety Pool Cover



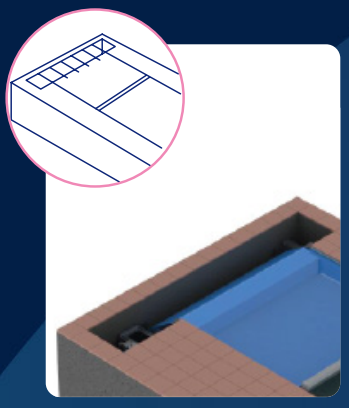
## FLAT/TOP Track TOP Mechanism

This installation is ideal for existing pools as it requires minimal work to be carried out around your pool. The track is positioned on the patio or the coping stone along the pool and the mechanism is installed on the deck level. It is the easiest solution for existing pools but can also be used for pools which are newly built.



## FLAT/TOP Track UNDER Mechanism

If you are considering/willing to have some work done around your existing pool, or if you have a freeform / odd-shaped pool / overflow pool, this type of installation could be most suitable. The principle is the same as described above except that the mechanism is positioned inside a pit below the deck level. The pit for the mechanism must be built according to DPC requirements.



## UNDER Track UNDER Mechanism

This type of installation is used only for rectangular newly-constructed skimmer-type pools or skimmer-type pools which are being renovated. This is because the track must be installed under the coping stones and above the level of the water. The mechanism is usually installed below the deck level in this case, so a pit for the mechanism must be built.

INSPIRED By Water

ATECPOOL
BWT GROUP

# Atecpool Pool Covers

## MANUAL SAFETY COVERS



### Manual Safety Pool Cover

Manual safety pool cover is the most cost-effective way of making your pool safe. The system has the same basic components (tracks, leading bar, roller and canvas) as the automatic safety cover. A mechanism with crank is used to wind up the canvas on the roller and uncover the pool, and a rope is used to pull the cover on to the pool to close it.

Available with UNDER (recessed) mechanisms, which means that they can also be concealed inside a purpose-made pit like the automatic covers. The size of the pit and tracks used are the same as the automatic covers, making it easy to upgrade to an automatic cover.

Safety Cover Ordering Info:  Please consult our service team with ordering information such as Length, Width, Diagonal pool measurements , selection of Top/ Flat/In-wall Tracks, Coping type and size , Coping overhanging measurements, Track Positioning etc.



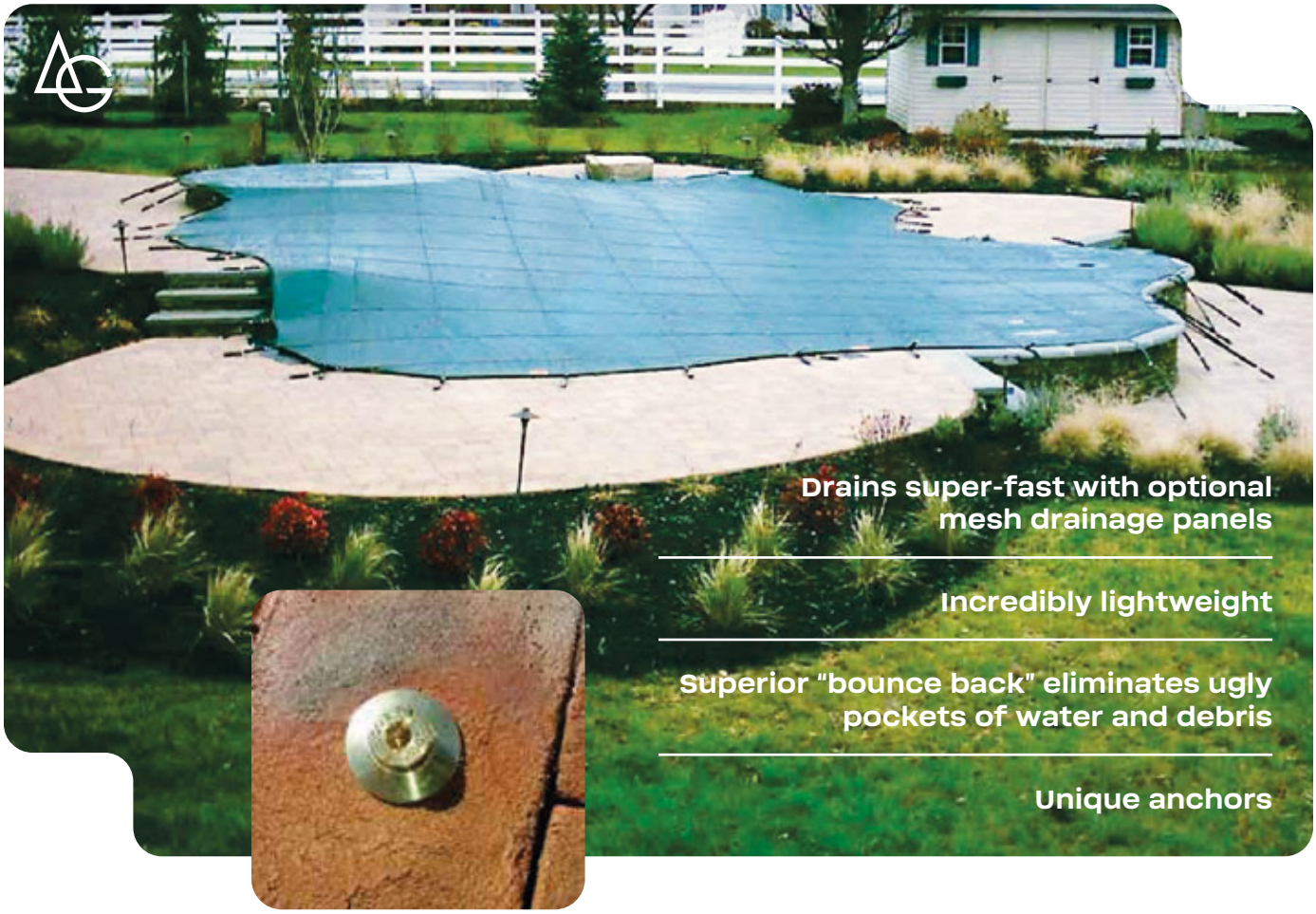






# Atecpool Pool Covers

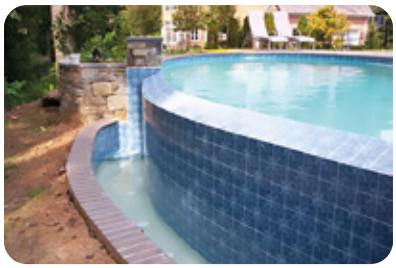
## MANUAL SAFETY COVERS




Loop-Loc - Super Dense Mesh

**Protect your family with the only mesh pool cover that passed the elephant test.**

Is environmentally-friendly because its 100% ultra-strong polypropylene material (0% vinyl) is 100% recyclable. Bounces back better and drains super fast. No more ugly pockets of water and debris that is found with typical solid vinyl covers. Requires no scrubbing or heavy maintenance like solid waterbag covers. And it's much lighter in weight than typical solid vinyl covers, so putting it on and taking it off your pool is a snap! Fits any pool or spa perfectly, from a simple square to a complex installation with a custom cover.



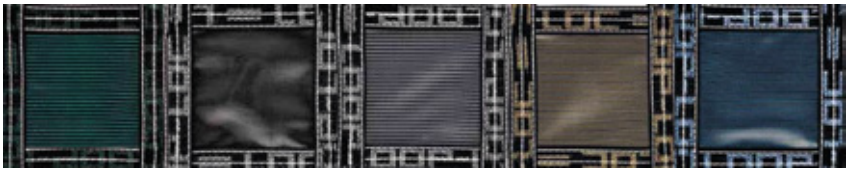
Before

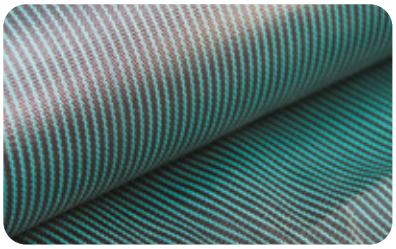


After



Complement your outdoor decor - Choose your colour





# Atecpool Pool Covers

## MANUAL SAFETY COVERS

### Commercial Safety Covers

LOOP-LOC® keeps your facility safe and saves you money. In the off season, an empty, unsupervised commercial pool can be an invitation for disaster. Locked gates or fences alone have often proved ineffective in preventing children and pets from gaining access to the pool area.








### Accessories



#### Material

Polypropylene-extruded monofilament yarn. 525 denier in the warp and 595 denier in fill. 41 x 20 construction plus 80% minimum black yarn and 20% minimum green yarn for best U.V. stability. Burst strength of material is 650 P.S.I..

#### Safety Barrier

Solid, virgin vinyl 3'' extrusion for raised walls, etc., and 15'' extrusion for raised steps as needed to meet (or exceed) ASTM Safety Standard F 1346-91. LOOP-LOC Patent No. 4,982,457.

#### Anchors

Brass, flush-mounted in deck with screw-type insert. 4,000 pound break strength at neck.

#### ULTRA-LOC®

Polypropylene laminated, polypropylene reinforced. UV stable, burst strength of 650PSI (min).

#### Thread

Dabond polyester Veemo - UVR. Size 138. Three rows of stitching all directions.

#### Installation Tools

30'' long steel rod, with notched end and plastic grip.

#### Finished Cover

To have sections approximately 3'' x 3''. (For residential rectangular pools only, cover may be made with approximately 5' x 5' sections.) All straps to be "X"-tacked at cover edge with stainless steel buckles and aluminum tips.

#### Commercial Springs

Made from the same high quality material as our standard springs, 302/304 stainless steel. Draw-bar and coil wire diameter increased to handle larger load capacities with thick vinyl tubular deck-protective covers. For covers over 2,500 sq. ft..

#### Webbing

1'' wide polypropylene, polyester with nylon filler. Minimum break strength: 2,100 pounds single. To be used double-thick for minimum strap break-strength of 4,200 pounds. Minimum 90% black yarn. (Cotton, wool or other natural fibers treated or untreated are unacceptable for safety cover use).

#### Chafing strips

(Under cover) 1" minimum width, 20'' to 36'' long (depending on cover overlap) extruded solid, virgin vinyl 3/16" thick. All inside corners heavily padded.

#### Standard Springs

302/304 stainless steel, two draw-bar compression type with thick vinyl tubular deck-protective covers. For residential applications.

#### Warranty

Safety cover will have a 15-year pro-rata warranty.

# Your notes here

# Your notes here

INSPIRED By Water

# Your notes here

INSPIRED By Water

# ATECPOOL BWT Brand

## Mission, Vision and Quality Policy

### — VISION

ATECPOOL BWT, inspired by water, is set to lead the swimming pool industry by positioning as the number one pool brand in the world.

### — MISSION

To deliver high quality products and services at competitive prices. We will ensure longevity through the loyalty of our customers, won by our dedication to timeliness, attention to detail and the highest levels of professionalism, integrity and honesty.

### — QUALITY POLICY

ATECPOOL BWT takes pride and honour in declaring our commitment to customer satisfaction by providing high quality products. ATECPOOL continually improves quality and is committed to strategic improvement of Quality Management Systems by adopting a fast change cycle of technology. ATECPOOL stands for establishing and implementing international standards of quality measurement, leading to an optimized utilization of resources.

# INSPIRED ByWater

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# INSPIRED ByWater

BWT CHANGE THE WORLD sip by sip


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