

21/22

ATECPOOL INTERNATIONAL GROUP

PRODUCT CATALOGUE

2021 / 2022

Inspired by water

ATECPOOL
INTERNATIONAL
GROUP

Product Catalogue
2021/2022

A global brand with global responsibility

ECO FRIENDLY

QUALITY COMMITED

ISO CERTIFIED

ISO 9001: 2015

ATECPOOL INTERNATIONAL GROUP

Advanced Water Technology

ATECPOOL™ International Group is a company focused on providing exceptionally designed and engineered products for your pools, spas and water features. We have established trust with both customer and producers by ensuring excellence and confidence in our transactions.

Our products are sourced from manufacturers who integrate sleek designs and high-quality engineering, tooling and production. An emphasis on quality control provides you with the best.

Our enduring success is the result of our dedication to innovative products that are of uncompromising quality. Through decades of experience and knowledge of the pool-industry we have perfected the craft of designing, engineering and manufacturing premium equipment and pool accessories for customers internationally. ATECPOOL International Group has sales offices, stocked warehouses, and distribution centres in 8 countries to cater for our worldwide customer base.

We pride ourselves on our active participation in the *FINA World Swimming Championship* and the *Olympic Games*. It has been a genuine pleasure to establish and maintain long-lasting relationships with luxury hotel internationally.

Our passion for pools, spas, and providing exceptional products to our clients is the reason we have developed the status of a top-rated international brand. Our evolution as a company continues with our innovative designs adopting an eco-friendly approach, to promote a sustainable future.

ATECPOOL's dedication to exceptional standards spans 40 years and we hope to continue this journey with the astounding support from our valued customers.

Inspired by water. We welcome you to enjoy your dreams.

Our Company

ATECPOOL INTERNATIONAL GROUP

It all started in 2002 when **Atecpool Internacional España** emerged as the premium swimming pool brand with factories worldwide. With headquarters in Barcelona, Spain **ATECPOOL™** revolutionized the pool and water treatment industry by continuous efforts in innovation and design excellence. Thanks to the outstanding quality, reliable and ecologically friendly products designed and engineered by **ATECPOOL™** and manufactured at factories in Europe, U.K and U.S.A. **ATECPOOL™** has developed products to meet all technical needs the market demands while enhancing user friendliness. Highly engineered products manufactured in worldwide factories with high quality assurance, has been a characteristic for which we have been renowned. At **ATECPOOL™** – we offer the best! Our products are found in 24 different countries worldwide.

Our Main Branches

ATECPOOL INTERNACIONAL ESPAÑA

Atecpool Internacional España

ATECPOOL NETHERLANDS

Atecpool Netherlands

ATECPOOL INTERNATIONAL GROUP

Atecpool International Group

Experience the tomorrow, today

Our Commitment

ATECPOOL™ is passionately committed to our client's satisfaction. We are committed to sustainable and eco-friendly solutions. We meet all technical demands with customization. Our Commitment is what keeps us going and makes us successful in our continuous effort of product development.

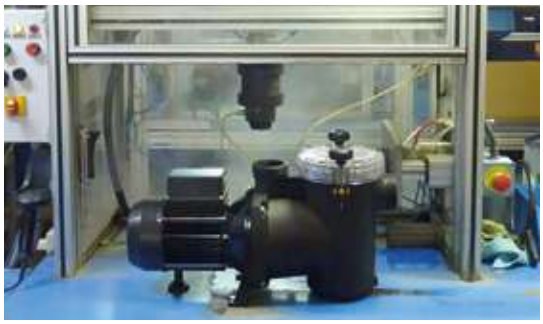




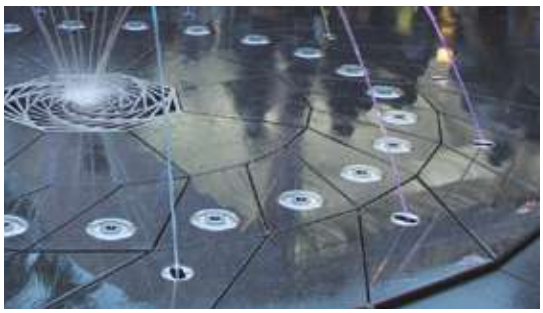


Design & Engineering

Our Production and Quality Management Department assures the design excellence and the high engineered characteristics of all **ATECPOOL™** brand products. With over 45 years of expertise in the pool industry, **ATECPOOL™** professionals ensure client's satisfaction with a supply of premium high end products under our superior quality assurance program.











Welcome to the Atecpool Green Revolution

Energy Efficient Heating Solutions

1



Sirocco Inverter Heat Pump

Atecpool Inverter technology, provides the most silent and energy efficient inverter heat cool pumps. Average COP upto 10.

2



Mega Inverter Heat Pump

Powerful saving commercial inverter. COP up to 10. Silent operation. High capacity for commercial installations.

3



HiHeat Hot Water Heat Pump

HiHeat Hot Water Reversible Cycle Heat Pump, Air/Water cycle with its heat power capability of producing hot water up to 80°C.

4



Climatic Water Source Heat Pump

Water-to-Water Heat Pump is a system of heating or cooling that involves the transfer of heat by a circulating fluid (as water or vapor) in a closed system of pipes.

5



MaxChill water chillers

Ideal for plunge pools and water immersion pools for sports recovery. Atecpool Water Chillers provide low temperatures reaching 10°C for cold water treatment.

6



Dehumidifier

Wall Mounted Dehumidifiers for indoor pool installation. High working efficiency. Super silent operation.

Featured Products

Welcome to the Green Revolution

Salt Water Electrolysis - Eco friendly disinfection

7



DAGEN Salt Water Electrolysis
Automation Enabled Salt Chlorinator uses mainly free radicals for disinfection and a small amount of free chlorine for residual disinfection.

8



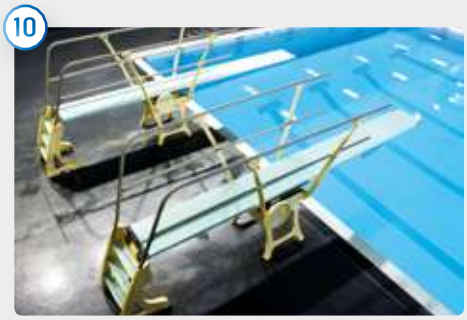
AT-Series Wireless Salt Chlorinator
Wireless Chlorinator with pH control connect to wireless pH Dosing pump via radio frequency.

9



ATSGP Salt Chlorinator
Premium domestic salt chlorinators are the best disinfection solution for small and medium size pools and spas.

10



Duraflex diving boards & stands
The only board approved by FINA for world championships. DURAFLEX aluminium springboards have been used exclusively in all Olympic diving events since 1960. Duraflex boards and Duraflex stands are used in all major international, national, NCAA and competition diving events.

Fina APPROVED

DURAFLEX
Making boards that make champions

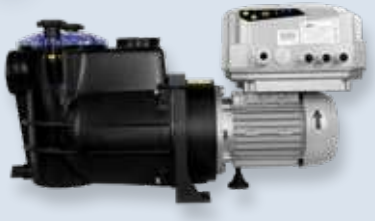
Energy Efficient Pumps

11



SuperFlow Variable Speed Pump
Save more than 80% in energy cost. Atecpool SuperFlow Variable Speed Pump is the most cost efficient solution for a better pool experience.

12



Atecpool Solar Pump
Centrifugal pump, to be directly connected to solar panels. Powered either by solar panels or standard AC/DC with optional module.

13



Atecpool VFD Control Panel
Electric panel with VFD control. High energy saving by signalling drive to work at low revolutions during peak hours.

Featured Products

Welcome to the Green Revolution

Effective Filtration

14



Ocea Laminated Filter
Innovative design and advanced technology offers superior filtration performance and crystal clear water.

15



Pipeless Wall Mounted Filter
Wall-mounted filter made of ABS. The integrated filter installation without plant room, has excellent performance for reducing the construction cost.

16



Activated Filtration Media (AFM)
Activated Filter Media, is a revolutionary filter media made from green glass. Exceeds the performance of quartz and glass sand by filtering about 30% more organics.

Rainbow Fountain

17



Deck Jet
Flush mounted Deck Jet Nozzle in two shapes, Circular and Square. Nozzle assembly with 360 deg illuminating LED includes a different spray effect upon selection of nozzle (Column or Angle Ring).

18



Deck Jet + Water Switch
Flush mounted Deck Jet Nozzle in two shapes, Circular and Square. Nozzle assembly with 360° illuminating LED includes programmable (on-off) WaterSwitch spray effect.

19



Controllable Submersible Pump
Controllable Submersible Pump uses DMX signal to control pump speed. Input DMX signal to control pump stop or start and adjust speed. 0.3 second speed ramp from stand-by mode to max speed.

Featured Products

Pool Shell and Surround

20



Anti Suction Drains
Atecpool anti-suction frame and grate. Curved surface design. VGB compliant. Made of AISI 316 stainless steel with curved grille.

21



Euro Skimmer
New range of skimmer 17.5L with recommended flow of 7.5 m³/h. UV treated white ABS with top square lid and frame. For liner or for concrete.

22



Nettuno Luxury Shower
Stainless Steel AISI 316L Temporized tap, foot washer with aerator.

Cleaning Solutions

23



i-PoolRacer
The i-PoolRacer robotic pool cleaner by Atecpool is an ideal money-saving solution for hassle free cleaning up to 12 m length pools.

24



i-PoolShark
i-PoolShark is the newest cordless robotic pool cleaner with wall-climbing function. Featured with dual motors, a powerful pump, 4-wheel drive system, smart gyroscope navigation and intelligent.

25



Extra Weight Vacuum Head
Flexible articulated pool cleaner with 35 cm head, and extra weight (2.2 kg) for better performance.

Index

1.	Pumps	13
2.	Pool Filtration	45
3.	Pool Surround	67
4.	Pool & Spa Fittings	95
5.	Pool Lighting	111
6.	Pool Heating	155
7.	Water Treatment	189
8.	Competition Equipment	231
9.	Wellness	241
10.	Rainbow Fountain	295
11.	Landscape Lighting	343
12.	Cleaning Equipment	355
13.	Pool Covers	365
14.	Atecpool Brand	378



PUMPS

ATECPOOL
INTERNATIONAL
GROUP

atecpool.com



ATECPOOL INTERNATIONAL GROUP

Variable Speed Pump



Atecpool Green Revolution

Working towards sustainable solutions

ATECPOOL has developed an innovative range of pool pumps combining the new inverter SmartSaver and the new high efficiency synchronous motors with permanent magnets.

The combination of these two technologies, designed and developed entirely by ATECPOOL, assure energy savings of over 80% compared to the traditional pumps. ATECPOOL is leading the market of Energy Saving Technology for a better future.

There is total adaptability, with a speed range from 1,200 rpm to 2,900 rpm. With increments of 50 rpm the pump automatically adjusts to the point of maximum savings.

Atecpool SuperFlow Variable Speed Pump

Powerful and Green

Energy Efficient Self Priming Pump

- Save Money
- Easy touch
- Certified Technology
- Settable Timer
- Quiet Pump
- Reduce CO_2 emissions



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

ECO friendly

Save more than 80% in energy cost

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool SuperFlow
Variable Speed Pump





Savings up to 80% > The Green Revolution

The amount of energy consumed by a fixed speed pool pump is about 16-20% of the whole pool system. With an energy saving up to 80% at low speed, there are huge energy savings over the average 5 year life span. Atecpool SuperFlow Variable Speed Pump is the most cost efficient solution for a better pool experience. The majority of pool pumps installed in the pool market are fixed speed pumps at 3000 RPM which is quite powerful for tasks like backwashing, but that is not constantly needed for pumping or filtration. Changes in motor speed can meet different in demands.

Atecpool SuperFlow VSP

- Pre-filter with transparent lid in polycarbonate that allows easy observation of the pre-filter basket.
- Pump body made in polypropylene, reinforced with fibreglass and resistant to the chemical products in the swimming pool.
- Noryl impeller with shaft in stainless steel AISI 316.
- Mechanical seal in graphite and ceramics.
- Connections of suction and return at : Ø 60.3 / 63 mm bush connections.

Atecpool SuperFlow VSP Specifications

Model	Voltage	Frequency	Input Power (p1)		Current	Maximum Flow	Maximum Head	Connections	Speed	GW
	(V)	(Hz)	(kW)	(HP)	(A)	(m^3/h)	(m)	(mm)	(rpm)	(kg)
ATECF11	220-240	50	1.1	1.5	3.1	24	15	63	1200-2900	16.2
ATECF15	220-240	50	1.5	2.0	4.5	30	19.5	63	1200-2900	24.2
ATECF22	220-240	50	2.2	3.0	6.6	36	22	63	1200-2900	28.2

2.5m — Maximum suction range

Smart touch screen interface

Long working life

Powerful motor with built-in thermal protector

Double safety to separate water and electricity

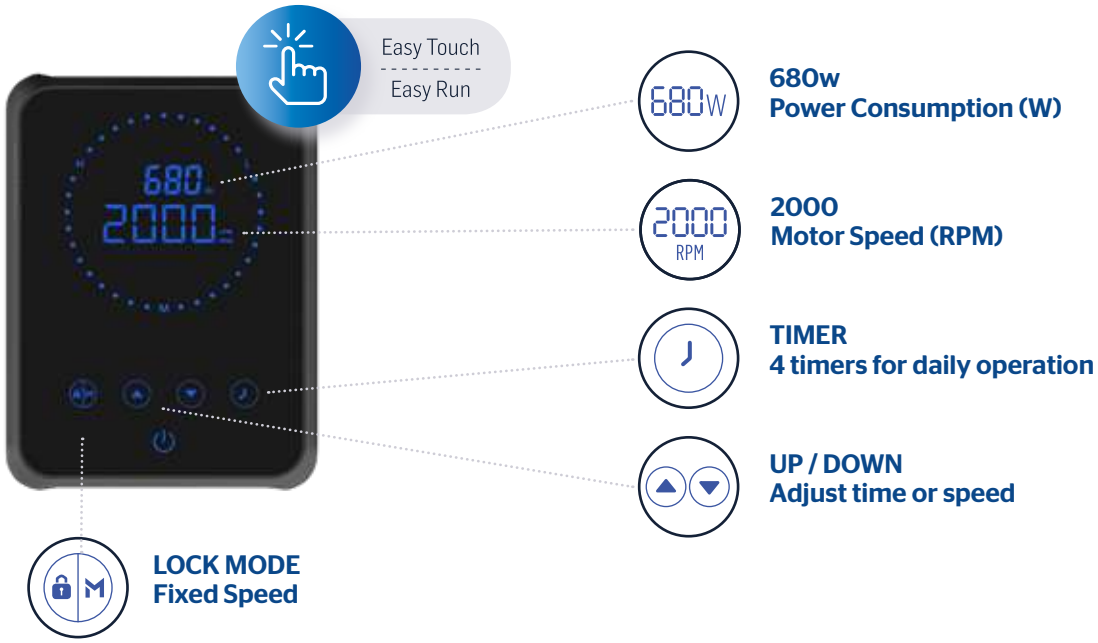
CE Certified

IP55 Class F — IP55 and Class F

24 — Optional timer for 24hs

Atecpool SuperFlow
Touch Screen Panel

Touch Screen Panel for SuperFlow Variable Speed Pump



680w
Power Consumption (W)

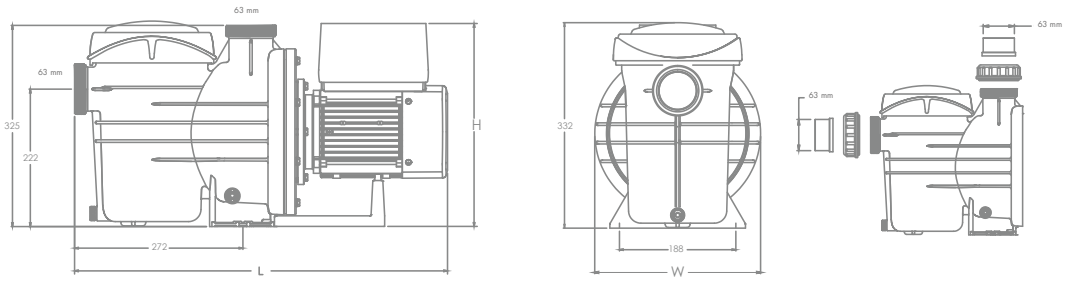
2000
Motor Speed (RPM)

TIMER
4 timers for daily operation

UP / DOWN
Adjust time or speed

LOCK MODE
Fixed Speed

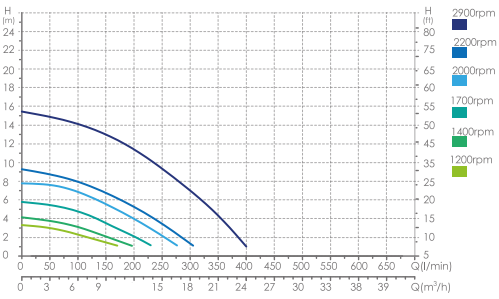
Dimensions



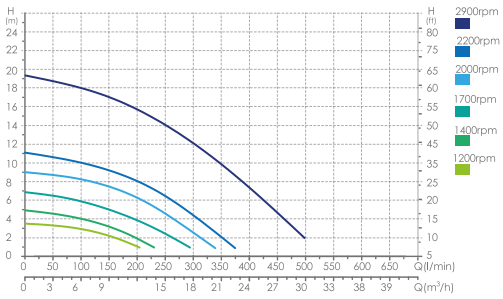
	L	H	W
ATECF11	603	328	268
ATECF15	603	328	268
ATECF22	616	328	268

Performance graph

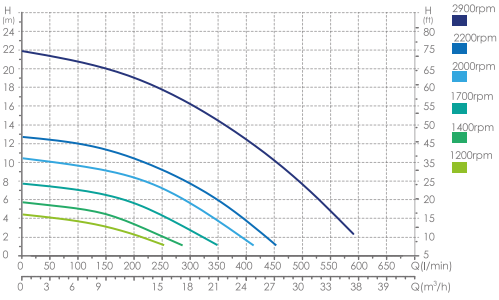
ATECF11 (1.1KW)



ATECF15 (1.5KW)



ATECF22 (2.2KW)



Atecpool Solar Pump

For Solar Panels

Leading the green revolution



Quiet Pump

Reduce CO_2 emissions

Save Money

Easy touch screen

Certified Technology

Settable Timer



Solar Energy & Electrical Grid Power

Atecpool Green Revolution

ECO friendly

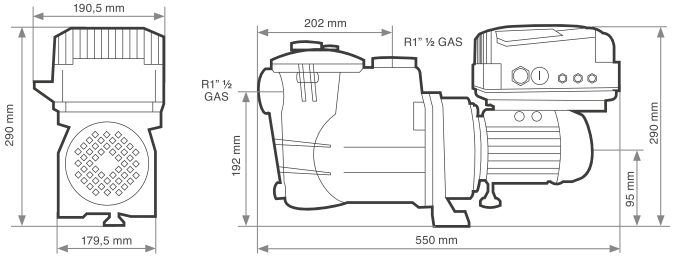
ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Solar Pump
Direct Connection to Solar Panels

Atecpool Solar Pump > The Green Revolution

Centrifugal pump, to be directly connected to solar panels. Or alternatively it can be connected to an electrical grid.



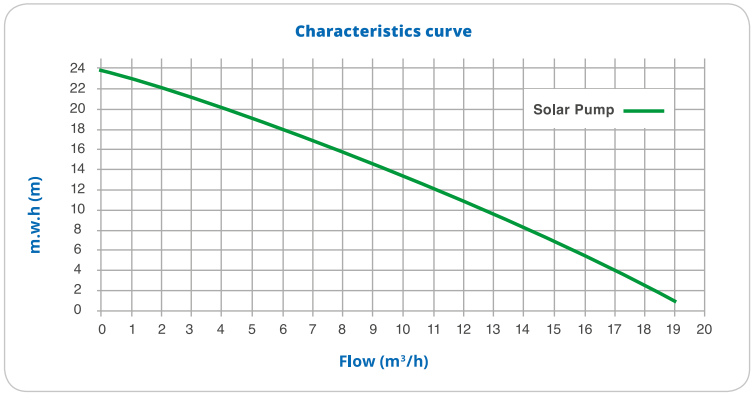


Atecpool Solar Pump Specifications

- **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
- Good mechanical integration of motor and inverter
- **Powered either by solar panels or standard AC/DC** with optional module
- Integrated inverter: built in aluminium 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.
- Prefilter cover: polycarbonate.
- Prefilter basket: polypropylene +5% GF.



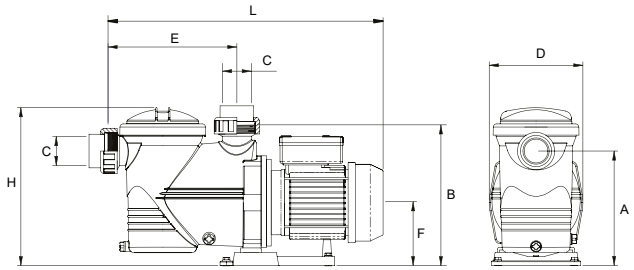


Atecpool Solar Pump

Model	Rated Frequency	Input Current	Input Voltage	Enclosure Rating	Motor insulation	Communication	Input	Output settings	In-out
	(Hz)								
ASOLAR100	48 - 62	11A PF:1	90-400VDC 1x90-265VAC	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 ½"

Atecpool Niagara
Self-priming pump

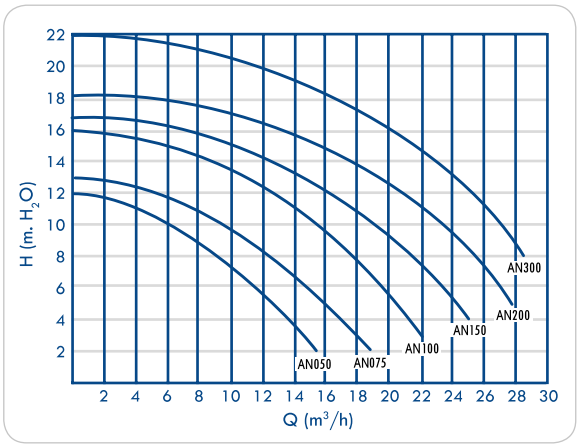




Atecpool Niagara

- 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 fibreglass, resistant to the chemical products in the swimming pool.
- 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 3,000 rpm 230V - 50Hz single-phase or 230 / 400V - 50Hz three-phase.
- Possibility of 60Hz upon request.
- Connections of suction and return at 2 ¾" for Ø 63 mm bush connections.

Performance graph

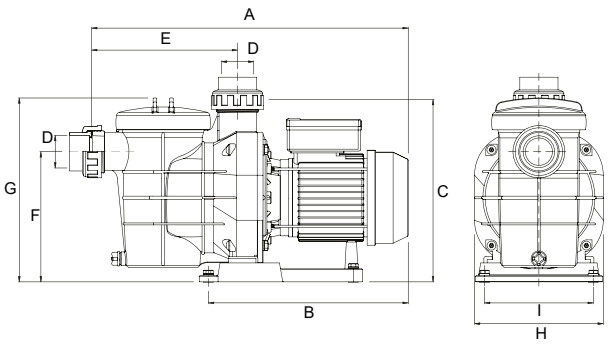


Code	Power		Manometric Height wcm										
			2	4	6	8	10	12	14	16	18	20	22
	HP	kW	Flow m³/h										
AN050M AN050T	0,5	0,37	15	14	11	9	**6**	-	-	-	-	-	-
AN075M AN075T	0,75	0,55	19	17	14	12	**9**	5	-	-	-	-	-
AN100M AN100T	1	0,75	-	21	20	18	**16**	12	9	-	-	-	-
AN150M AN150T	1,5	1,10	-	25	23	21	**19**	16	14	7	-	-	-
AN200M AN200T	2	1,50	-	-	27	25	**23**	21	18	14	6	-	-
AN300M AN300T	3	2,20	-	-	-	28	**27**	25	23	20	17	12	3

Code	Power		Dimensions								Weight	Volume m³
	HP	kW	A	B	C	D	E	F	H	L	kg	
AN050M AN050T	0,5	0.37	250	312	Ø63	205	282	140	348	565	12.5	0.060
AN075M AN075T	0,75	0.55	250	312	Ø63	205	282	140	348	565	13	0.060
AN100M AN100T	1	0.75	250	312	Ø63	205	282	140	348	565	14	0.060
AN150M AN150T	1,5	1.10	250	312	Ø63	205	282	140	348	590	17	0.060
AN200M AN200T	2	1.50	250	312	Ø63	205	282	140	348	605	19,5	0.060
AN300M AN300T	3	2.20	250	312	Ø63	205	282	140	348	625	22.5	0.060

Atecpool America
Self-priming pump

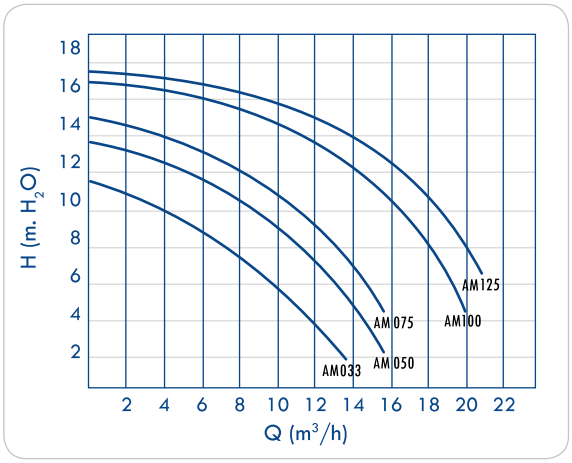




Atecpool America

- 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 made in polypropylene reinforced with fibreglass, resistant to the chemical products in the swimming pool.
- Pump body lid and diffuser in Noryl.
- Noryl impeller with shaft in stainless steel AISI 316L.
- Mechanical seal in graphite and ceramics.
- Enclosed motor, totally silent, with IP-55 protection, 2,850 rpm 230V - 50Hz single-phase or 230 / 400V - 50Hz three-phase.
- Possibility of 60Hz upon request.
- Connections of suction and return at 2 ¼" for Ø50 mm bush connections.
- Suction and return unions D50 included

Performance graph



Manometric delivery head is expressed in metres of water column (mwc): 1 bar = 10.19 mwc.

Code	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	-	-
AM075M AM075T	0,75	0,55	-	-	15	13	**11**	8	4	-
AM100M AM100T	1	0,75	-	-	19	18	**16**	14	11	6
AM125M AM125T	1,5	1,10	-	-	-	20	**19**	17	14	9

Code	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
AM075M AM075T	0.75	0.55	490	311	280	Ø 50	225	200	285	199	168	12	0.059
AM100M AM100T	1	0.75	490	311	280	Ø 50	225	200	285	199	168	12.5	0.059
AM125M AM125T	1.5	1.10	490	311	280	Ø 50	225	200	285	199	168	13.5	0.059

Atecpool MaxFlow
Self-priming Pump

Atecpool MaxFlow

Self priming pump for above or inground swimming pools. Reinforced fiberglass body for maximum durability. Equipped with an advanced hydraulic design that enables high performance and reduces the noise to the minimum. Powerful motor with inbuilt thermal protector. Double protection to isolate water from electricity.





1. Self-Priming at 2 m
2. IP55
3. Class F (155)
4. Thermal Protection
5. CE and TÜV Certified
6. Connection of suction and return at G2-3/4 for 63 mm bush connection.

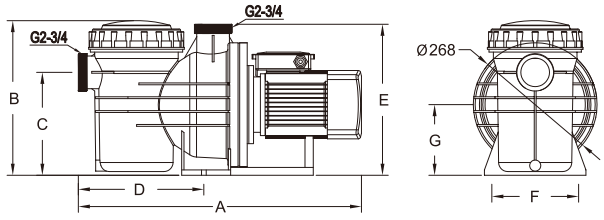
Atecpool MaxFlow Specification

Code	Power		Manometric Height wcm									
			2	4	6	8	10	12	14	16	18	20	22
	HP	kW	Flow m³/h										
ATECS5M	0.5	0.37	11	8	4	-	-	-	-	-	-	-	-
ATECS9M ATECS9T	0.75	0.55	-	13	11	8	3	-	-	-	-	-	-
ATECS11M ATECS11T	1	0.75	-	20	18	15	12	6	-	-	-	-	-
ATECS15M ATECS15T	1.5	1.1	-	-	20	18	15	11	3	-	-	-	-
ATECS19M ATECS19T	2	1.5	-	-	25	23	21	18	15	9	-	-	-
ATECS30M ATECS30T	3	2.2	-	-	33	31	29	26	23	20	15	-	-

TÜV Rheinland CERTIFIED

Note:
- Model (M)
Mono Phase 220-240V / 50 Hz
- Model (T)
Tri Phase 380-400V/ 50 Hz

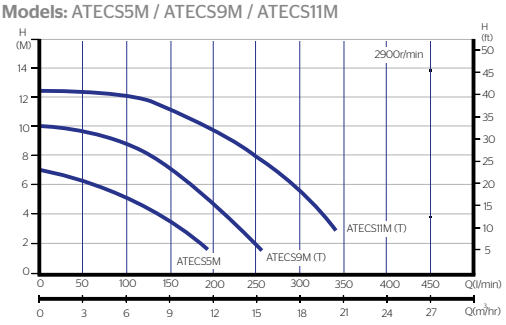
Dimensions



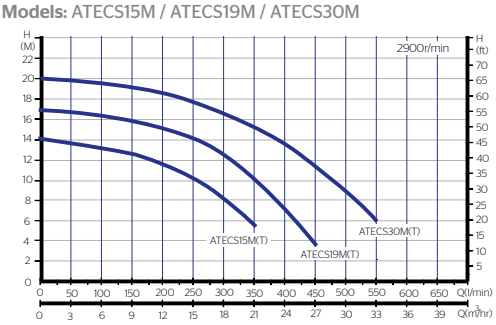
	A	B	C	D	E	F	G
ATECS5	520	331	225	225	308	159	142
ATECS9	520	331	225	225	308	159	142
ATECS11	603	335	222	272	325	188	153
ATECS15	603	335	222	272	325	188	153
ATECS19	603	335	222	272	325	188	153
ATECS30	640	335	222	272	325	188	153

Performance Curve

Models: ATECS5M / ATECS9M / ATECS11M

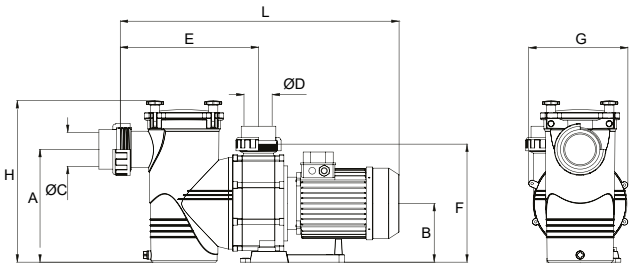


Models: ATECS15M / ATECS19M / ATECS30M



Atecpool Big Discovery
Self-priming pump

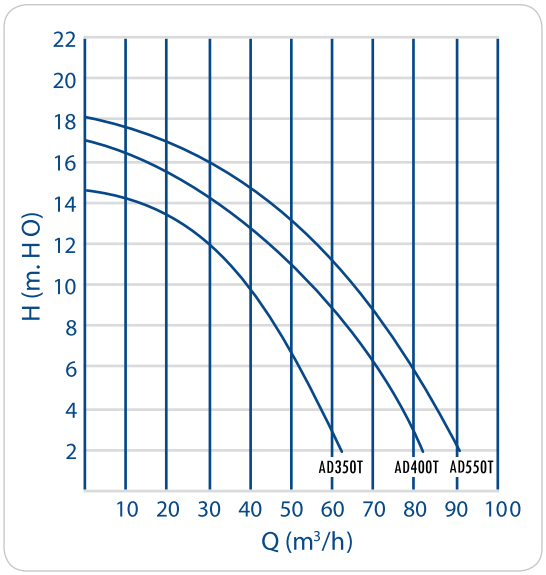




Atecpool Big Discovery

- 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 a 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 3.000 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.

Performance graph

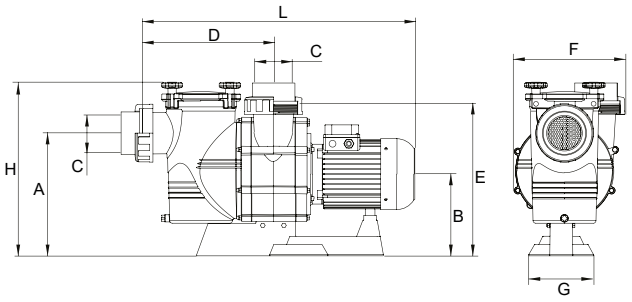


Code	Power		Manometric Height wcm								
			2	4	6	8	**10**	12	14	16	18
	HP	kW	Flow m³/h								
AD350T	3	2.2	62	57	51	46	**40**	30	13	-	-
AD400T	4	2.9	82	77	70	63	**55**	44	31	15	-
AD550T	5.5	4	91	85	80	72	**65**	56	45	30	3

Code	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	0.1.2
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

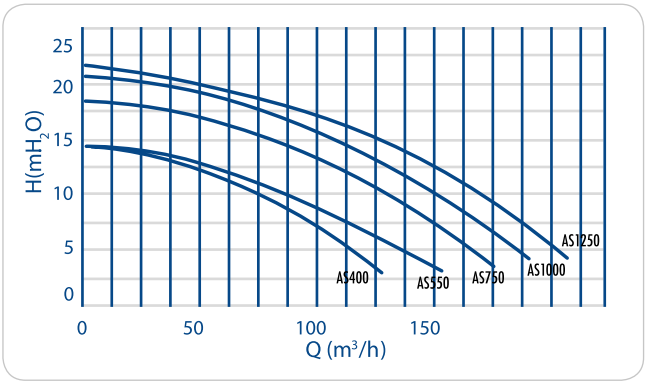




Atecpool Aeres

- High flow plastic pumps.
- Centrifugal electric pumps for swimming pools, with built-in pre-filter, ideal for high flow at low pressure. Guaranteed to last a long time.
- Pre-filter with transparent lid in polycarbonate which allows easy observation of the pre-filter basket. The pre-filter is closed with with a an easily accessible knob system.
- Pump body and pre-filter made in polypropylene reinforced with fibreglass, 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 too.
- Motors with IP-55 protection, at 3,000 rpm, 230/400V-50Hz or 400/690V - 50Hz (7.5, 10 and 12.5 HP) three-phase.
- Versions from 4HP to 12.5HP.
- Possibility of AISI 316L stainless steel impellers upon request.

Performance graph





Bronze impeller

Code	Power		Manometric Height wcm							
			5	8	**10**	12	14	16	18	20
	HP	kW	Flow m³/h							
AS400	4	2.9	91	70	**60**	40	30	-	-	-
AS550	5.5	4	110	80	**70**	50	40	-	-	-
AS750	7.5	5.5	132	110	**100**	90	80	60	10	-
AS1000	10	7.4	150	130	**120**	110	100	80	50	40
AS1250	12.5	9.2	162	140	**140**	125	110	95	60	50

Code	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 F-GIANT
Centrifugal pump

Atecpool F-GIANT



ENERGY EFFICIENCY IE3

2,900 RPM

Code	L
F-GIANT 17	584
F-GIANT 18	606

Materials Cast Iron Version

Pump housing: PP 30% FG

Impeller: Polypropylene with FG or Bronze

Prefilter: Polypropylene 30 % FG

Prefilter Cover: Polypropylene

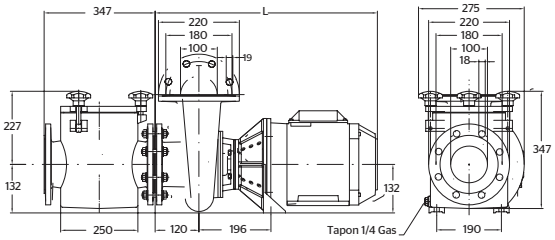
Screws: Stainless Steel AISI 316

Shaft: Stainless Steel AISI 316L

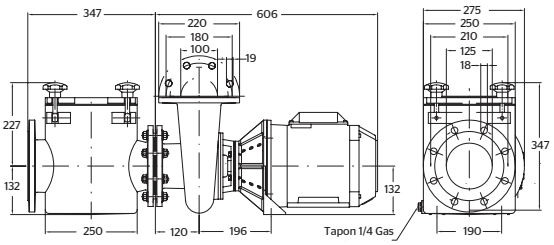
Mechanical Seal: Carbon + Resin - Ceramics

Preilter basket: Stainless Steel AISI 304

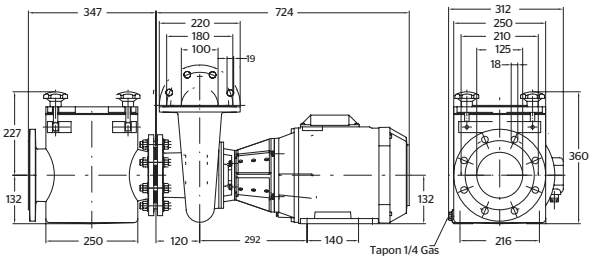
F-GIANT 17/18



F-GIANT 19



F-GIANT 20 / 21 / 22



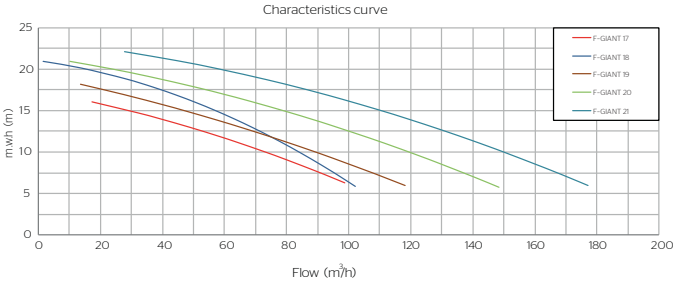
Atecpool F-GIANT is the first high flow rate pump, entirely built in plastic providing the best hydraulic performances in the market. Equipped with a one piece helical plastic impeller developed with innovative technology. Eco-friendly and sustainable, especially recommended for large aquariums due to its low noise level and absence of metal contact parts with water. For the same reason the F-GIANT is fully compatible with: sea water, salt chlorinators and salt ionizers. This contributes to responsible water management and reduces chemical consumption in the treatment of pool water.

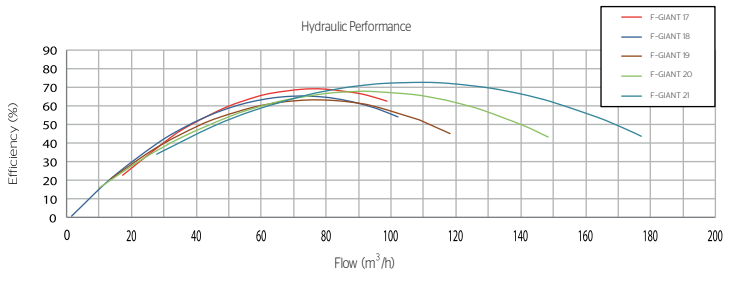
Atecpool F-GIANT Specifications

- High efficiency motor class IE3 according to regulation ECn° 640/2009
- Insulation Class: F
- Waterproof: IP55
- High quality mechanical seal
- Flow rate: up to 180 m³/h
- Voltage: 230/400V or 400/690V
- Motor: 50Hz / 2900 rpm
- Available also at 60Hz
- Full material removable and recyclable.
- Polypropylene Impeller, Bronze Impeller upon request.

Code	Power		III 230/400V		III 400/690V		Manometric height w.c.m									DN		Weight
	HP	KW	A	A	A	A	6	8	10	12	14	16	18	20	22	IN	OUT	
F-GIANT 17	4	3	9,9	5,7	-	-	99	90	73	58	39	17	-	-	-	100	100	62
F-GIANT 18	5,5	4	13,0	7,4	7,4	4,3	102	94	82	75	63	51	37	14	-	100	100	68
F-GIANT 19	5,5	4	13,0	7,4	7,4	4,3	118	109	87	74	57	40	14	-	-	125	100	70
F-GIANT 20	7,5	5,5	17,6	10,1	10,1	5,9	148	126	119	107	88	68	51	23	-	125	100	81
F-GIANT 21	10	7,5	-	-	13,5	7,8	177	164	146	139	119	98	84	58	28	125	100	87

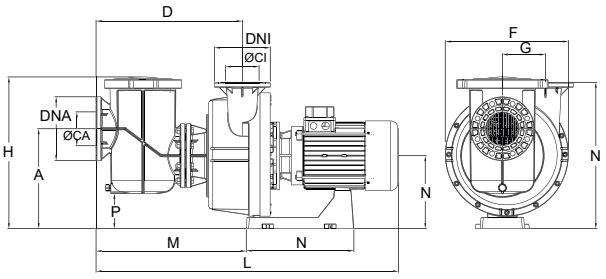
Performance graph





Atecpool Thamesis
Centrifugal pump

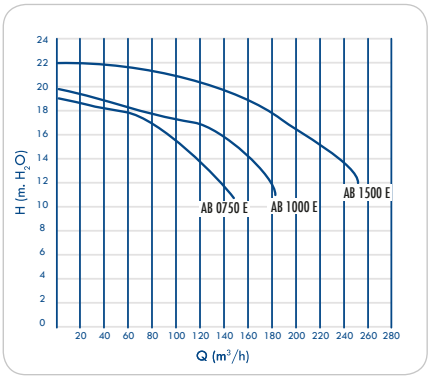




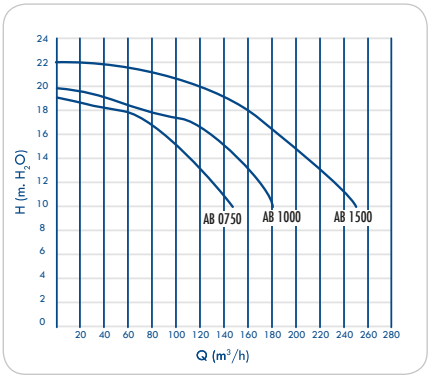
Atecpool Thamesis Specifications

- High efficiency centrifugal pumps, ideal for high flow rates.
- Hydraulic efficiency without prefilter of up to 85% depending on model.
- Independent 25-litre 6" x 6" prefilter with transparent lid.
- Low noise level (under 66 dBA depending on model).
- Pump body made of state-of-the-art thermoplastic resistant to swimming pool chemicals, guaranteeing a long high-performance life.
- Standard 6" x 5" pump connections.
- Plastic turbine, with no metal parts coming in contact with water.
- High-performance mechanical seal suitable for sea water.
- Standard drive shaft compatible with all motor manufacturers.
- Motors with IP-55 protection enclosure operating at 1,500 rpm (III Phase).
- Available versions: 7.5HP / 10HP / 15HP.
- Motors classified as premium or high efficiency (IE3 or IE2).
- AISI-316 (A4) grade stainless steel nuts and bolts.

Performance graph w/o prefilter



Performance graph w/ prefilter



Model	Code	Power		Manometric Height wcm								Connections	
		HP	kW	10	12	14	16	18	20	22	24	DNA	DNI
				Flow m³/h									
Atecpool Thamesis w/o pre-filter	AB0750E	7.5	5.5	-	136	118	94	60	-	-	-	285	250
	AB1000E	10	7.4	-	179	161	139	80	-	-	-	285	250
	AB1500E	15	11.2	-	252	238	208	178	132	32	-	285	250
Atecpool Thamesis with pre-filter	AB0750	7.5	5.5	148	132	112	90	55	-	-	-	285	250
	AB1000	10	7.4	182	170	152	130	76	-	-	-	285	250
	AB1500	15	11.2	252	232	210	186	160	120	32	-	285	250

Model	Code	Power		Dimensions											
		HP	kW	A	DNA	ØCA	DNI	ØCI	D	F	G	H	L	M	N	P
Atecpool Thamesis with pre-filter	AB0750	7.5	5.5	446	285	150	250	125	653	550	192	667	1215	540	480	157
	AB1000	10	7.4	446	285	150	250	125	653	550	192	667	1250	540	480	157
	AB1500	15	11.2	446	285	150	250	125	653	550	192	667	1350	670	480	157
Atecpool Thamesis w/o pre-filter	AB0750E	7.5	5.5	326	285	150	250	125	254	550	192	653	815	140	480	-
	AB1000E	10	7.4	326	285	150	250	125	254	550	192	653	850	140	480	-
	AB1500E	15	11.2	326	285	150	250	125	254	550	192	653	950	270	480	-

Atecpool AFN
Self-priming Centrifugal pump

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.

Atecpool AFN 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: 50Hz / 2900 rpm
- Available at 60Hz upon request

Materials Cast Iron Version

Pump housing and diffuser: cast iron

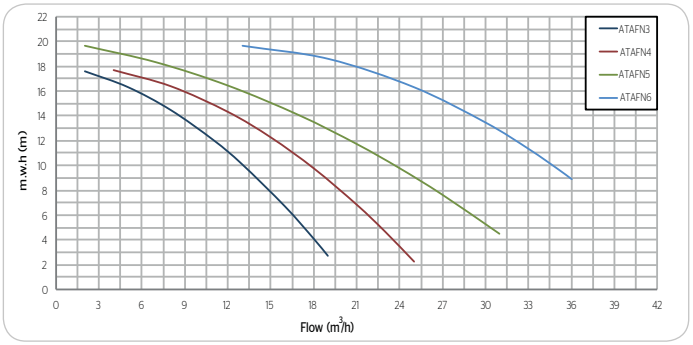
Pre-filter basket: polypropylene

Impeller: brass

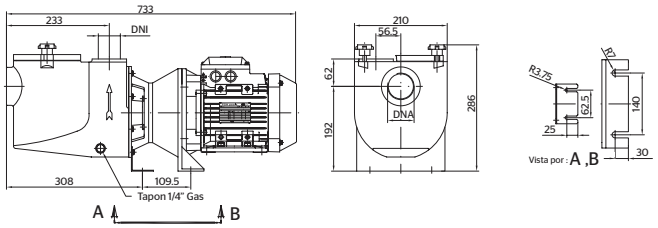
Shaft: stainless steel AISI 316

Mechanical Seal: carbon + resin - ceramics

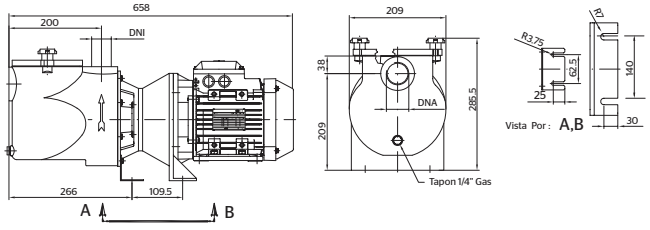
Performance graph



ATAN5 - 7



ATAN3 - 4



Code		Power		Capacity	II 230V	III 230/400V		Manometric height w.c.m								DN		Weight Kg
		HP	KW	µF	A	A	2	4	8	10	12	14	16	18	20	IN	OUT	
								Flow m³/h										
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	-	1 1/2"	1 1/2"	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	-	1 1/2"	1 1/2"	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	2" 1/2	2"	40,5

Atecpool FDN-3000
Centrifugal pump

Atecpool FDN-3000





2.900 R.P.M.

ENERGY EFFICIENCY IE3

Materials Cast Iron Version

Pump housing: Cast Iron

Impeller: Bronze / Aluminium

Screws: Stainless Steel AISI 316

Shaft: Stainless Steel AISI 316L

Mechanical Seal: Carbon + Resin - Ceramics

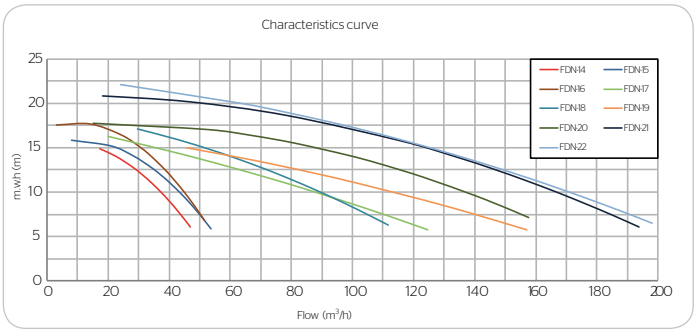
Atecpool FDN-3000 is a pool pump designed to offer the highest performance for the filtration and purification of water in commercial pools. All parts in contact with water are treated by long lasting cataphoresis. This treatment prevents the formation of troublesome oxides on cast iron pumps as the 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.

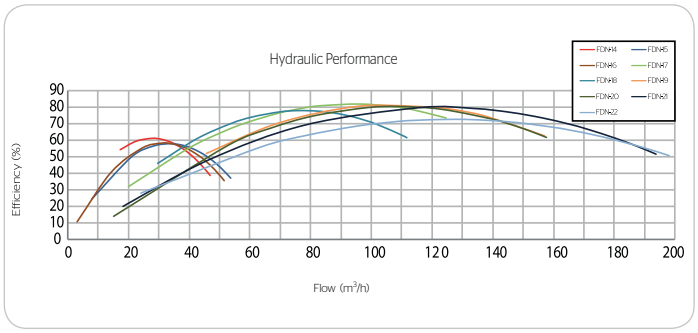
Atecpool FDN-3000 Specifications

- High efficiency motor class IE3 according to regulation ECn° 640/2009
- Waterproof: IP55
- Flow rate: up to 190 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.

Code		Power		III 230/400V		III 400/690V		Manometric height w.c.m									Connections		Weight Kg
		HP	KW	A	A	A	A	6	8	10	12	14	16	18	20	22	DNA IN	DNI OUT	
FDN-14	BR-14	2	1,5	5,3	3,1	-	-	47	42	38	31	23	-	-	-	-	80	3" BSP	53
FDN-15	BR-15	3	2,2	7,6	4,3	-	-	54	48	44	38	28	8	-	-	-	80	3" BSP	55
FDN-16	BR-16	4	3	9,9	5,7	-	-	61	59	52	49	42	31	9	-	-	80	3" BSP	60
FDN-17	BR-17	4	3	9,9	5,7	-	-	125	108	83	70	51	20	-	-	-	100	100	68
FDN-18	BR-18	5,5	4	13,0	7,4	7,4	4,3	112	102	89	76	61	43	-	-	-	100	100	77
FDN-19	BR-19	5,5	4	13,0	7,4	7,4	4,3	157	130	123	89	64	-	-	-	-	125	100	90
FDN-20	BR-20	7,5	5,5	17,6	10,1	10,1	5,9	158	149	145	123	99	67	15	-	-	125	100	99
FDN-21	BR-21	10	7,5	-	-	13,5	7,8	194	180	167	151	134	113	88	51	-	125	100	104
FDN-22	BR-22	12,5	9,2	-	-	16,6	9,6	199	187	171	154	135	114	91	63	27	125	100	113

Performance graph



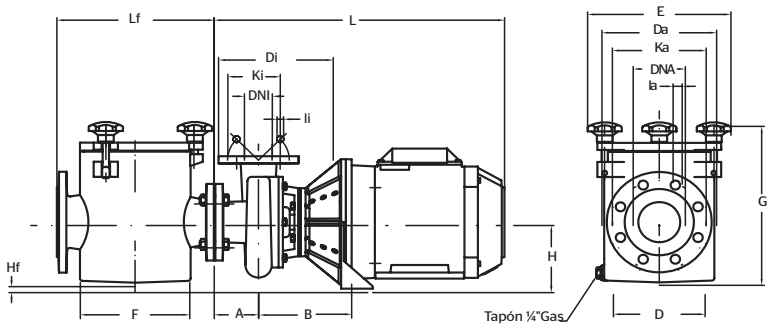


Atecpool FDN-3000
Centrifugal pump

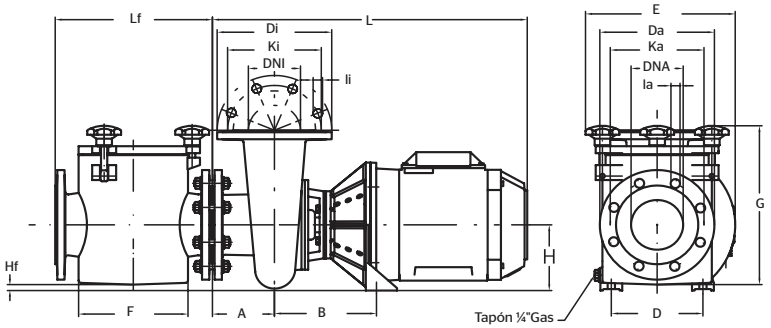
Atecpool FDN-3000

Code		Dimensions											Intake				Output			
		A	B	C	D	E	F	G	H	Hf	L	Lf	Da	Ka	Ia	NºT	Di	Ki	Ii	NºT
FDN-14	BR-14	82	172	-	140	271	210	319	132	12	491	300	200	160	19	8	152	125	14	4
FDN-15	BR-15	82	172	-	140	271	210	319	132	12	491	300	200	160	19	8	152	125	14	4
FDN-16	BR-16	82	182	-	190	271	210	319	132	-	533	300	200	160	19	8	152	125	14	4
FDN-17	BR-17	120	196	-	190	288	210	320	132	-	584	300	220	180	19	8	220	180	19	8
FDN-18	BR-18	120	196	-	190	288	210	320	132	-	606	300	220	180	19	8	220	180	19	8
FDN-19	BR-19	120	196	-	190	275	250	347	132	-	606	347	250	210	19	8	220	180	19	8
FDN-20	BR-20	120	292	140	216	312	250	360	132	-	724	347	250	210	19	8	220	180	19	8
FDN-21	BR-21	120	292	140	216	312	250	360	132	-	724	347	250	210	19	8	220	180	19	8
FDN-22	BR-22	120	292	140	216	312	250	360	132	-	724	347	250	210	19	8	220	180	19	8

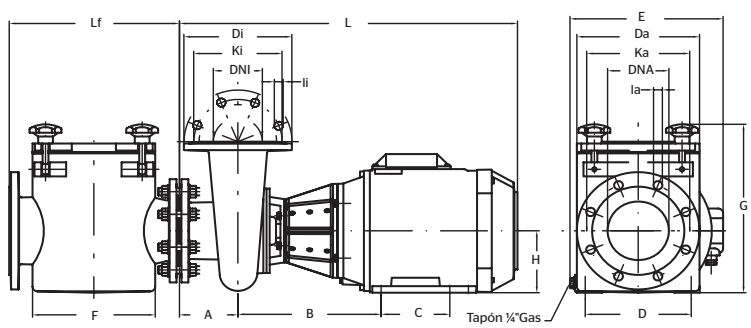
FDN-14/15/16



FDN-17/18/19

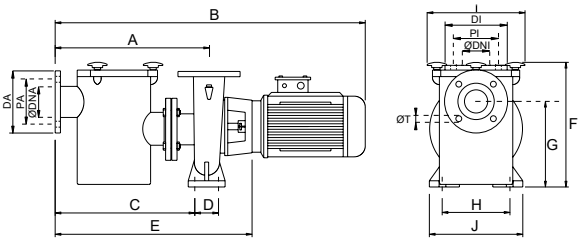


FDN-20/21/22



Atecpool Wave 3000
Centrifugal pump





3,000 RPM

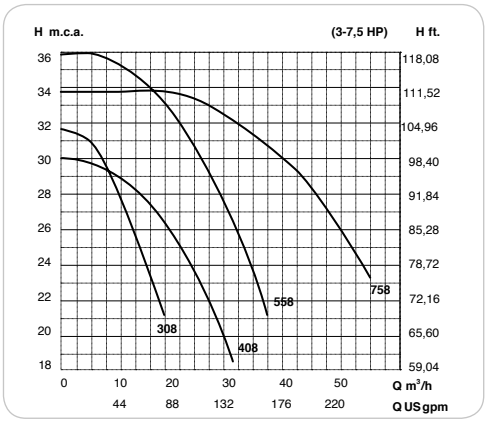
ENERGY EFFICIENCY IE3

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

Atecpool Wave 3000 Specifications

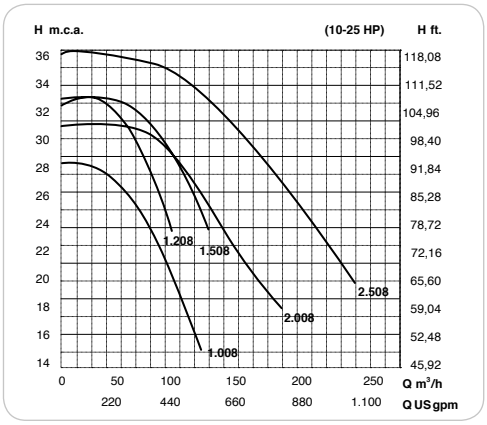
- Cast iron version: pump body, pre-filter, coupling in cast iron.
- Shaft and pre-filter sieve in AISI 316 stainless steel.
- Bronze impeller
- Mechanical seal in silicon carbide or tungsten carbon.
- Protection IP-55. 2 poles 50-60 Hz.
- Totally standard motor, allows the motor to be changed or repaired without emptying the installation.
- Standard asynchronous motor, sealed from external ventilation. Its standard construction allows it to be replaced with another standard motor.
- Motor: 3000 rpm

Performance graph



WAVE 3000 - (3 / 7,5HP)

note:
308 = AHF2308 | 758 = AHF2758 | 1508 = AHF1508
408 = AHF2408 | 1008 = AHF21008 | 2008 = AHF22008
558 = AHF2558 | 1208 = AHF21208 | 2508 = AHF22508



WAVE 3000 - (10 / 25HP)

Code			"A"		Manometric height wcm								
	HP	kW	230V	400V	18	20	22	24	25	27	30	32	35
					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

Cast Iron	Dimensions										Intake					Output					Packing Dimensions			Weight kg
	A	B	C	D	E	F	G	H	I	J	ØDNA	DA	PA	NºT	ØT	ØDNI	DI	PI	NºT	ØT	H_1	A_1	L_1	Hi
AHF2308	460	878	425	70	606	415	262	190	265	245	**65**	185	145	4	18	32	140	100	4	16	660	400	1.170	94
AHF2408	460	890	425	70	634	415	262	190	265	245	**65**	185	145	4	18	32	140	100	4	16	660	400	1.170	105
AHF2558	460	890	425	95	634	415	262	190	265	245	**65**	185	145	4	18	32	140	100	4	16	660	400	1.170	110
AHF2758	460	1075	425	95	673	415	262	190	305	300	**65**	185	145	4	18	40	150	110	4	18	660	400	1.170	140
AHF21008	480	1095	445	95	693	415	262	190	305	300	**65**	185	145	4	18	50	150	110	4	18	660	400	1.170	155
AHF21208	480	1095	445	120	693	415	290	212	306	301	**65**	185	145	4	18	50	165	125	4	18	660	400	1.170	176
AHF21508	480	1261	-	-	723	415	290	254	355	350	**80**	200	160	8	18	65	185	145	8	18	430	400	1.261	272
AHF22008	505	1286	-	-	748	415	295	254	355	350	**100**	220	180	8	18	80	200	160	8	18	430	800	1.286	355
AHF22508	505	1286	-	-	748	415	295	279	355	350	**100**	220	180	8	18	80	200	160	8	18	430	800	1.286	385

Atecpool FDN-1500-H
Centrifugal pump

Atecpool FDN-1500-H





ENERGY EFFICIENCY IE3

1,450 RPM

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

Atecpool FDN-1500-H is a pool pump, specially designed for public pools, competition pools and spas. It is designed for use in large 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 nowadays. Manufactured fully in bronze on request for use with seawater.

Atecpool FDN-1500-H Specifications

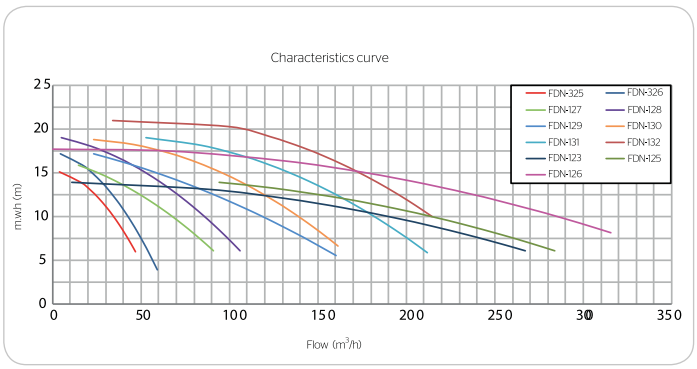
- High efficiency motor class IE3 according to regulation ECn° 640/2009
- Waterproof: IP55
- Flow rate: up to 300 m³/h
- Voltage: 230/400V or 400/690V
- Motor: 50Hz / 1450 rpm
- Available also at 60Hz
- Available in bronze for operation with salt chlorinators and sea water.

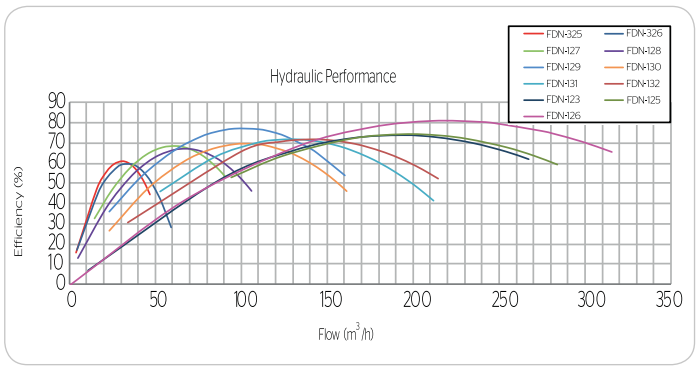
Atecpool FDN-1500-H

Code		Power		III 230V/400V		III 400/690V		Manometric height w.c.m									DN		Weight Kg
		HP	KW	A	A	A	A	6	8	10	12	14	16	18	20	21	IN	OUT	
								Flow m³/h											
FDN-325	BR-325	2	1,5	5,7	3,3	-	-	47	41	34	26	16	-	-	-	-	100	50	84
FDN-326	BR-326	3	2,2	7,9	4,5	-	-	54	48	42	36	28	17	-	-	-	100	50	89
FDN-127	BR-127	4	3	10,5	6,0	-	-	91	80	68	54	35	15	-	-	-	100	80	103
FDN-128	BR-128	5,5	4	13,8	7,9	7,9	4,6	106	80	86	73	61	45	22	-	-	100	80	111
FDN-129	BR-129	7,5	5,5	18,6	10,7	10,7	6,2	160	97	118	96	76	42	-	-	-	125	100	143
FDN-130	BR-130	10	7,5	-	-	14,3	8,3	162	155	140	126	107	82	46	-	-	125	100	153
FDN-131	BR-131	12,5	9,2	-	-	17,5	10,1	212	197	181	163	145	121	84	-	-	150	100	213
FDN-132	BR-132	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

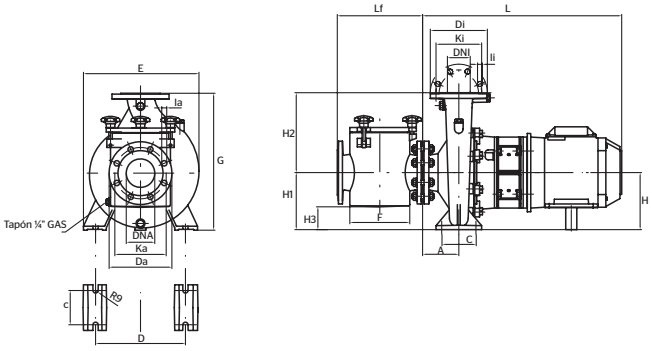
Atecpool FDN-1500-H
Centrifugal pump

Performance graph

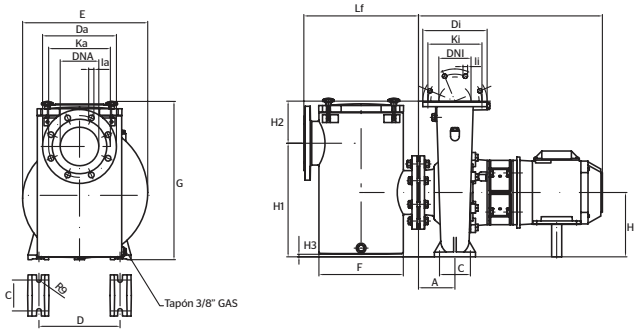




FDN-H 325/326/127/128/129/130



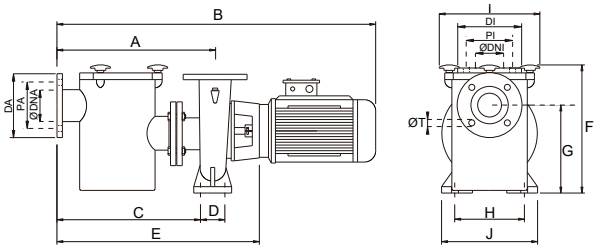
FDN-H 123/124/125/126/131/132



Code		Dimensions												Intake			Output				
		A	C	D	E	F	G	H	H1	H2	H3	L	Lf	Da	Ka	Ia	NºT	Di	Ki	Ii	NºT
FDN-325	BR-325	100	95	250	335	210	405	180	180	225	60	470	298	220	180	19	8	165	125	19	4
FDN-326	BR-326	100	95	250	335	210	405	180	180	225	60	601	298	220	180	19	8	165	125	19	4
FDN-127	BR-127	125	120	315	405	210	480	200	200	280	80	641	298	220	180	19	8	200	160	19	4
FDN-128	BR-128	125	120	315	405	210	480	200	200	280	80	641	298	220	180	19	8	200	160	19	4
FDN-129	BR-129	140	120	315	430	250	505	225	225	280	93	801	345	250	210	19	8	220	180	19	8
FDN-130	BR-130	140	120	315	430	250	505	225	225	280	93	801	345	250	210	19	8	220	180	19	8
FDN-131	BR-131	140	120	315	430	328	505	225	416	88	-15	801	445	285	240	23	8	220	180	19	8
FDN-132	BR-132	140	120	315	430	328	505	225	416	88	-15	921	445	285	240	23	8	220	180	19	8
FDN-123		140	120	315	485	328	605	250	441	163	10	801	445	285	240	23	8	250	210	19	8
FDN-125		140	120	315	485	328	605	250	441	163	10	801	445	285	240	23	8	250	210	19	8
FDN-126		140	120	315	485	328	605	250	441	163	10	921	445	285	240	23	8	250	210	19	8

Atecpool Coral 1500
Centrifugal pump





1,450 RPM

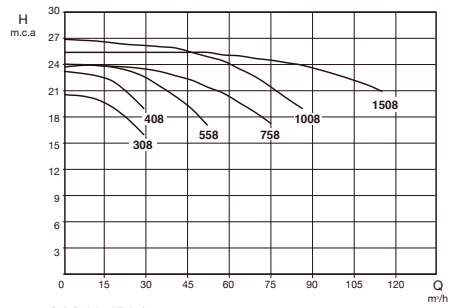
ENERGY EFFICIENCY IE3

Atecpool Coral 1500 Cast Iron 1,450 RPM. centrifugal pump, to which a pre-filter has been attached to the inlet, making these the ideal pumps for large filtering units. The fact that the pump works with a 4 poles motor makes it very quiet and long lasting.

Atecpool Coral 1500 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
- Standard asynchronous motor, sealed from external ventilation. Its standard construction allows it to be replaced with another standard motor at any time and in any place.
- Protection IP-55. 4 poles 50-60 Hz.
- Motor: 1450 rpm

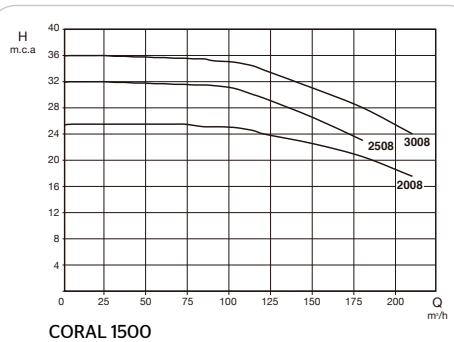
Performance graph



CORAL 1500

note:

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



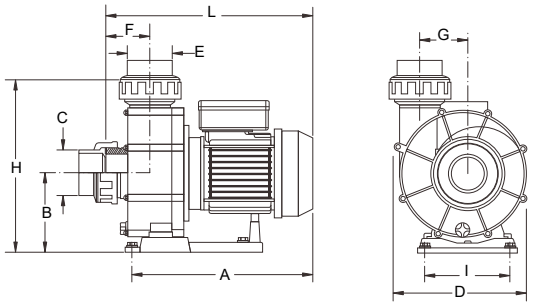
CORAL 1500

Code			"A"		Manometric height wcm								
	HP	kW	230V	400V	18	20	22	24	25	27	30	32	35
					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

Cast Iron	Dimensions										Intake					Output					Packing Dimensions			Weight kg
	A	B	C	D	E	F	G	H	I	J	ØDNA	DA	PA	NºT	ØT	ØDNI	DI	PI	NºT	ØT	H_1	A_1	L_1	Hi
AHF4300	480	994	432	95	654	415	310	250	260	336	65	185	145	4	16	40	150	110	4	16	515	400	1000	127
AHF4400	480	994	432	95	654	415	310	250	260	336	65	185	145	4	16	40	150	110	4	16	515	400	1000	127
AHF4550	480	994	432	95	654	415	310	250	260	343	65	185	145	4	16	50	165	125	4	16	515	400	1000	139
AHF4750	480	1125	420	120	723	450	330	280	260	370	80	200	160	8	16	65	185	145	4	6	550	400	1200	195
AHF41000	505	1150	445	120	748	505	355	315	260	429	80	200	160	8	16	65	185	145	4	16	605	450	1200	211
AHF41500	505	1238	445	120	778	480	315	315	260	410	100	220	180	8	16	80	200	160	8	6	580	450	1300	306
AHF42000	520	1253	460	120	793	505	315	315	260	424	125	250	210	8	16	100	220	180	8	16	605	450	1300	324
AHF42500	520	1331	460	120	793	565	315	315	260	478	125	250	210	8	16	100	220	180	8	6	665	500	1400	364
AHF43000	520	1406	460	120	793	565	315	315	260	478	125	250	210	8	16	100	220	180	8	16	665	500	1500	376

Atecpool Counter Current
Super-Quiet pump

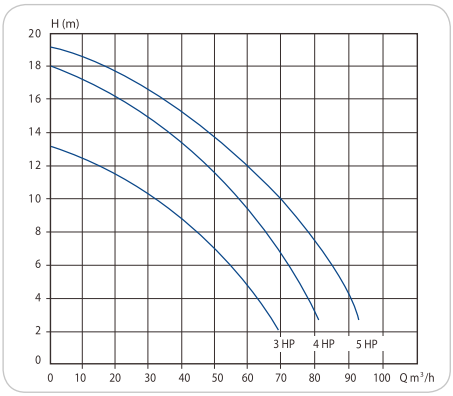




Atecpool Counter Current High-flow centrifugal pump.

- Pump body made in polypropylene reinforced with fibreglass, 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

Code	Power		rpm	Manometric height w.c.m.								Connection	
	HP	kW		6	8	10	12	14	16	18	20	DNA	DNI
				Flow m³/h									
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

Code	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, 160x160x140 mm. With pneumatic switch for remote control. Pumps protection by motor circuit breaker.

Code	Dimensions	"A"	HP	Weight	Volume
	mm			kg	m³
AT173C	160x160x140	6.0 - 10.0 A	4.0 / 5.5 HP TRI	1.1	0.004



Atecpool Counter Current Nozzle
Counter current equipment

Atecpool Jet Stream Nozzle in stainless steel AISI 316





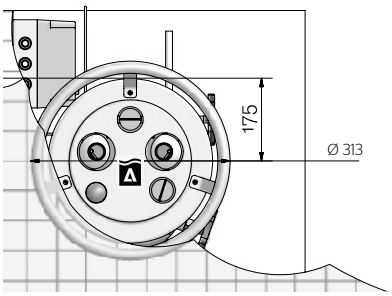
Note: Codes below includes only the nozzle.



Atecpool Jet stream Nozzle in Stainless steel construction, highly competitive in hydraulic performance. The Jet swim pump is activated via a piezoelectric switch. Wall mounted assembly with semi-circular handle, the regulator forces the impact of the water jet into 40mm nozzle.

Installation of the **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.

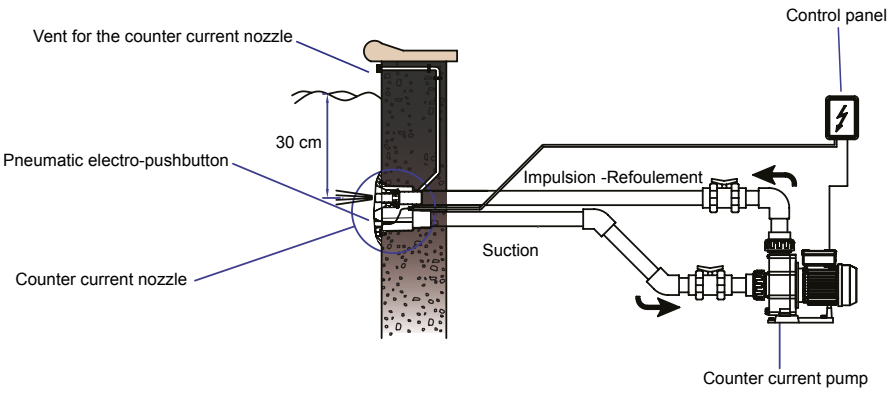
Available in three versions. Single Jet Stream 40mm, Double Jet Stream 40 mmx2 and Double Jet Stream Nozzle 40mmx2 RGB back light for relaxing chromotherapy. Double Jet Stream nozzle 40 mm x 2. Recommended Pump 4 KW with capacity of 70 m³/hr.

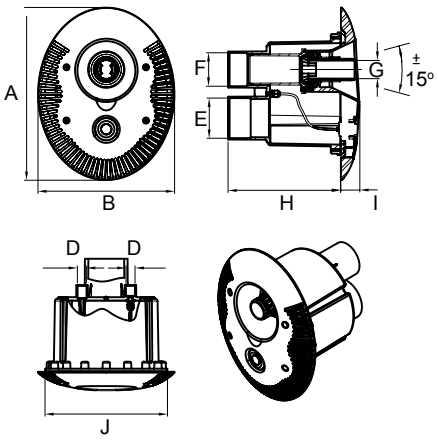


Code	Description	Dimensions	Pipe connection	Materials
		Diameter		
AT019S	Double Jet stream nozzle 40mmx2	Ø 313	2.5"	Stainless Steel AISI 316

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 pushbutton 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
AT035	Prefabricated	390	310	Ø 20.5	Ø 90	Ø 75	41	255	43.5	Ø 278	2.5
AT036	Liner	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.

Atecpool Air Blowers
Single & Double Impeller

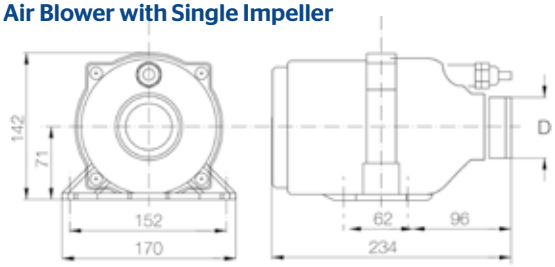




Atecpool Air Blowers

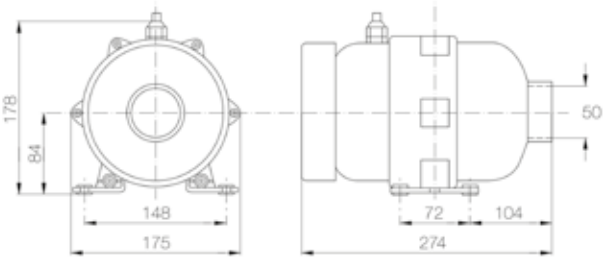
- Two Models: with Single impeller / with Double Impeller
- Highly resistant materials
- Noise level with nozzles assembled: 72 dB
- Power: 200 - 900W
- Motor: 220V 50Hz / 60Hz
- Integrated thermal protector
- Insulation Class: F
- 1.2m cable with plug
- Can be installed horizontally or vertically
- Materials:
  - Pump body: Polypropylene reinforced and heat resistant.
  - Carson brush: High quality materials.

Air Blower with Single Impeller



	D
AMONO200	32
AMONO300	32

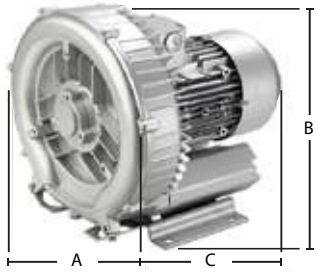
Air Blower with Double Impeller



Model	Impeller	Power	Impeller	Noise	Amperage	Airflow rate	Weight
		(W)	(W)	(dB)	(A)	(m³/min)	(kg)
AMONO200	single	200	180	67	3.5	1.2	2.3
AMONO300	single	350	180	70	4.4	1.6	2.3
ADOB400	double	400	180	80	2.8	3.4	3.2
ADOB700	double	700	180	82	4.0	4.2	3.2
ADOB900	double	900	180	84	5.0	5.0	3.2

Atecpool Air Blowers
Heavy Duty





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 Blowers

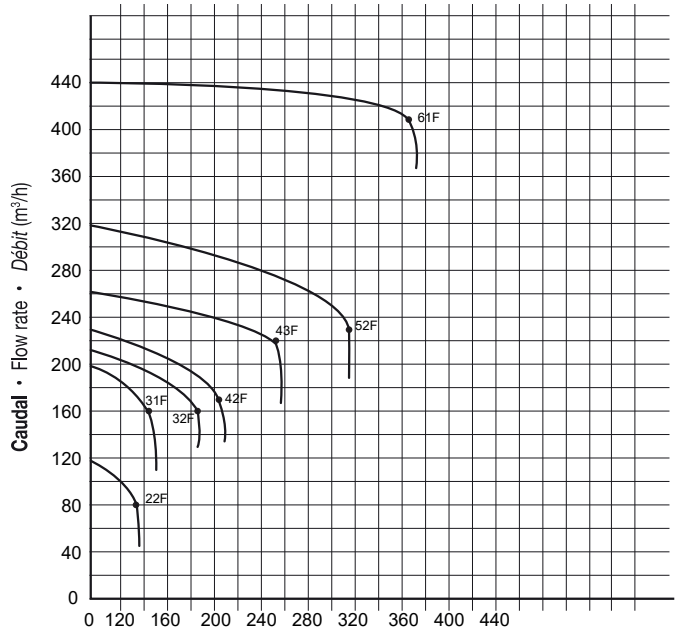
Pumps designed for bubble baths and swimming pools, water treatment, car drying, ventilation / dust removal, etc.

Atecpool Air Blower Specifications

Constructive characteristics: Blower pumps constructed entirely in **cast aluminum** and suitable for continuous operation. Single stage side channel pumps, without any maintenance.

Sealed asynchronous motor with external ventilation. Builti n thermal protection. Single phase versions includes capacitor. IP-55 protection. Isolation class F.

Performance graph



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
Whirpool Pump

Atecpool HydroMassage Pump - Pump designed for its use in hydromassage equipment.

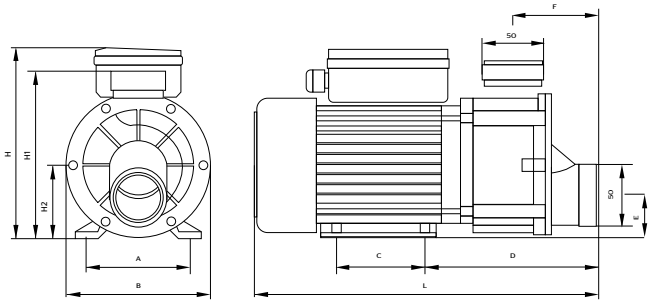
Atecpool Hydromassage pump is made for hot tubs in compliance with international safety standards on domestic appliances (IEC 335-1, IEC 34 and IEC 61-50). Wide range of flow rates and heights. The water is not in contact with any metal part of the pump, and this increases safety.



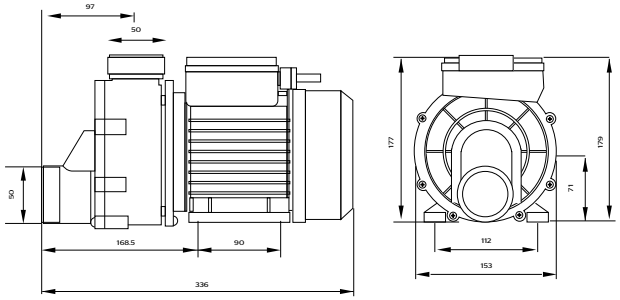
Atecpool Hydromassage Pump

- Pump body and impeller: Polypropylene.
- Shaft: Stainless Steel AISI 420
- Mechanical seal: Carbon + Resin – Ceramics
- Motor: 2,900 rpm.
- Isolation class: F.
- Protection: IP55.
- Thermal protection: Included.

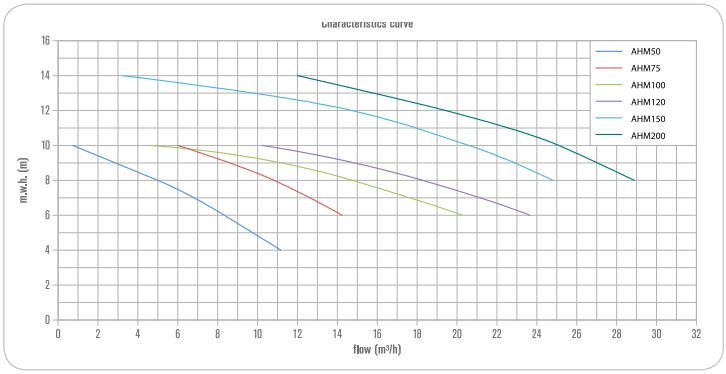
Atecpool Hydromassage Pump 50



Atecpool Hydromassage Pump 100/150



Code	Dimensions									
	A	B	C	D	E	F	L	H	H1	H2
AHM50	100	153	80	164	33	89	317	191	168	63
AHM75	112	156	90	172	44	86	347	205	179	74



Code	Power				Cond. Capac. Cond.	II	Manometric Height w.c.m.						
	P_1	P_1	P_2	P_2		230V	4	6	8	10	12	14	Weight
	kW	HP	kW	HP	µm	A	Flow rate m³/h						kg
AHM50	0.37	0.5	0.25	0.33	7	2.0	11.2	8.4	5.0	0.8	-	-	5.9
AHM75	0.55	0.75	0.37	0.5	10	3.2	-	14.2	10.9	6.0	-	-	7.9
AHM100	0.75	1	0.55	0.75	10	3.8	-	20.3	14.7	4.5	-	-	8.3
AHM120	0.9	1.2	0.65	0.85	15	4.6	-	23.6	18.2	10.3	-	-	8.8
AHM150	1.1	1.5	0.75	1	20	5.8	-	-	24.7	20.6	14.8	3.3	9.5
AHM200	1.5	2	1.1	1.5	30	7.0	-	-	28.9	25.1	19.4	12.0	10.0

Atecpool Submersible Pumps
Vespa Series

Atecpool Vespa Series Submersible Pump

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



Vespa Series Plastic Body Pump Specifications

- 2,850 rpm
- Built-in thermal protector for single phase motor.
- Insulation class B/F.
- Pump body and pre-filter made in polypropylene reinforced with fibreglass.
- 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.



Vespa Series SS Body Pump Specifications

- 2,850 rpm
- Built-in thermal protector for single phase motor.
- Insulation class B/F.
- 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

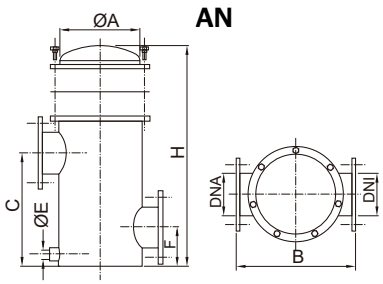
Code	Power		Voltage / Hz	Max Submersion Depth	Max Flow	Max Grain Size	Max temp of liquid
	HP	kW		m	l/h	mm	°C
AVS750	1	0.75	230 V / 50Hz	4	13.000	35	40

Atecpool Prefilters
INOX Series

Atecpool Prefilters Inox

Inlet and outlet clamps according to DIN 2501 with connections from DN 65 (2 1/2") to 200 (8") with 3 - 4 closing handles in AISI-316 (depending on model) for a perfect lid seal (Codes start with AN for Round Models in AISI304 and starts with AQ for Square Models in AISI316).





Code	Dimensions											
	A	B	C	D	F	H	H1	H2	DNA	DNI	Vol Lts	kg
AN80-80	273	423	260	-	½"	110	400	-	80	80	28	23
AN100-100	320	460	390	-	¾"	120	570	-	100	100	38	45
AN125-125	400	600	475	-	¾"	135	700	-	125	125	48	87
AN150-150	400	600	458	-	1"	152	700	-	150	150	52	87
AN200-200	400	600	430	-	1"	180	800	-	200	200	58	100
AN-250-250	500	700	600	-	1"	208	900	-	250	250	85	176



Atecpool Prefilters
Cast Iron Series

Atecpool Prefilters Cast Iron

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

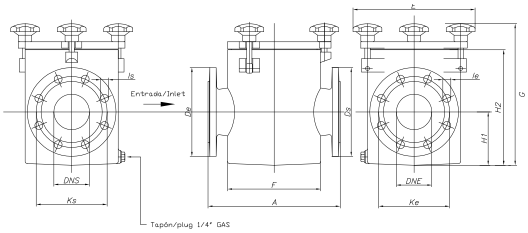
Atecpool Prefilters Specifications

- Prefilter housing and cover: Cast Iron or Bronze
- Basket: Stainless Steel AISI 304
- Working pressure: 2 bar
- Working temp: 60°C Max

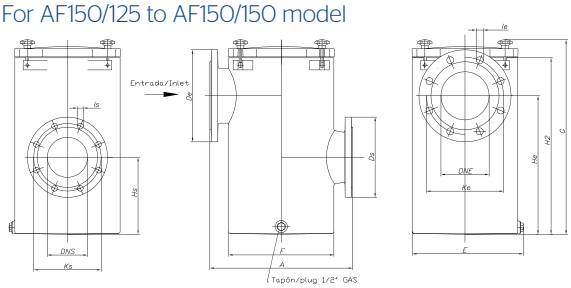




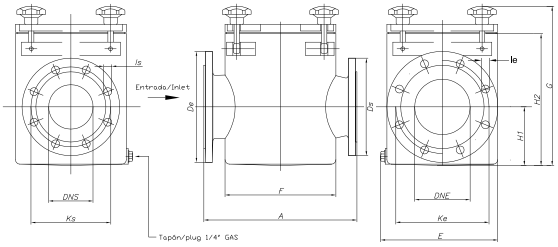

Dimensions for AF65/65 to AF100/100 model



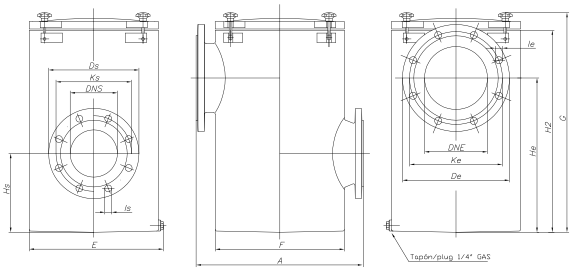
For AF150/125 to AF150/150 model



For AF125/100 to AF125/125 model



For AF200/150 to AF200/200 model



Code	Dimensions																			
	A	E	F	G	H1	H2	DNE	Ke	De	Ie	Bolts	DNE	Ks	Ds	Is	Bolts	Thumb nut	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

Code	Dimensions																			
	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 Pool Controls
Electric panel with VFD

Atecpool VFD Control Panel

VFD Control Panel. Voltage 3 x 400V 50Hz.
Selector MAN-O-AUTO.
2 clocks for filtration and speed control.
Selector by-pass VFD.



Atecpool VFD Control Panel Specifications

Cabinet:
- Metal wall-case
- Master switch
- Thermomagnetic panel and contactor
- 4 poles disconnector
- VFD protections
- Forced ventilation equipment with thermostat, protection grill and filters integrated in the panel.
- Cable entry and exit with cable glands

VFD:
- VFD CONTROL PANEL for synchronous and asynchronous motors
- Door mounted display panel
- Vnom: Operating speed at nominal speed, usually 50Hz
- Vmin: Minimum operating speed, at low revolutions.
- Programmable in the drive to ensure minimal filtering.

Signals:
- Indicators of operation and alarms in door by means of luminous lights
- Alarm light VFD: red
- Pump working light: green

Filtration time control:
- Clock 1 in which we must indicate the working hours of the pump. This control selects the operating hours of the pool filter.

Speed control:
- Clock 2 acts for speed control at low revolutions at peak times. We must indicate the peak hours of the cost of energy. For energy saving this control will activate the signal drive to work at low revolutions during peak hours, saving the corresponding economic costs.

Bypass selector for direct start:
- Models up to 12 A have a 2-position selector or bypass, which allows the VFD to be disabled and the pump to be operated directly by direct start.
- 2 positions selector: Start via VFD / DOL

Atecpool VFD Control Panel

Model	Voltage	Input Power	Power	Current	By Pass	Dimensions
	(V)	(kW)	(HP)	(A)	(m3/h)	(m)
VFD4003A	3x400V	1.1	1.5	3	•	600x400x250
VFD4004A	3x400V	1.5	2	4	•	600x400x250
VFD4005A	3x400V	2.2	3	5	•	600x400x250
VFD4006A	3x400V	3	4	8	•	600x400x250
VFD4007A	3x400V	4	5.5	9	•	600x400x250
VFD4008A	3x400V	5.5	7.5	12	•	600x400x250
VFD4009A	3x400V	7.5	10	16		800x400x300
VFD4010A	3x400V	11	15	23		800x400x300
VFD4011A	3x400V	15	20	31		800x400x300
VFD4012A	3x400V	18.5	25	38		1000x600x300
VFD4013A	3x400V	22	30	45		1000x600x300
VFD4014A	3x400V	30	40	61		1000x600x300
VFD4015A	3x400V	37	50	72		1200x600x300

Atecpool Pool Controls
SmartSaver Frequency Inverter



Convert any pump to a variable speed pump

SmartSaver for smart savings

Frequency inverter is a device that converts the 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 and circulation. SmartSaver can be set to adapt for different operations, reducing running costs. Equipped with 4 timers for 24-hour operation.

SmartSaver Added Benefits

Timer program 4: timers for 24-hour operation, each with an individual speed for different pool features, filtration or heating, better to take advantage of electrictiy tariffs at different time of day.

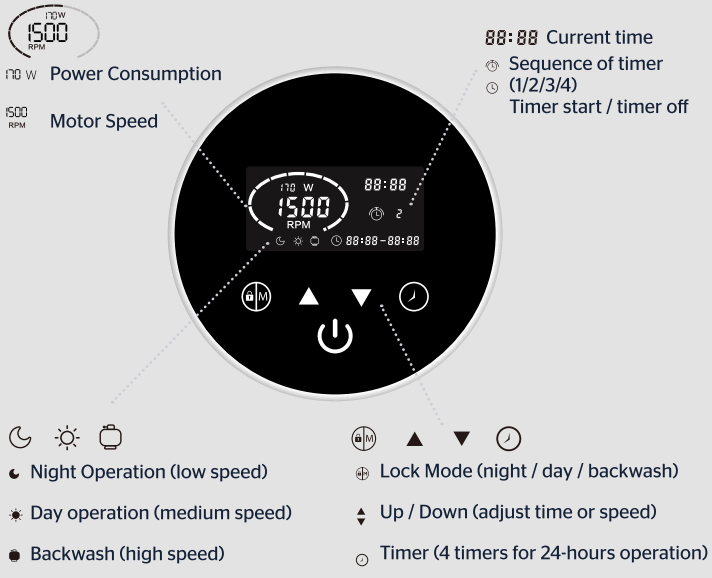
Better filtration: small particles can be removed easier when the water moves more slowly.

Longer lifespan: Lower running speed means a reduction in wear, particularly in mechanical seals.

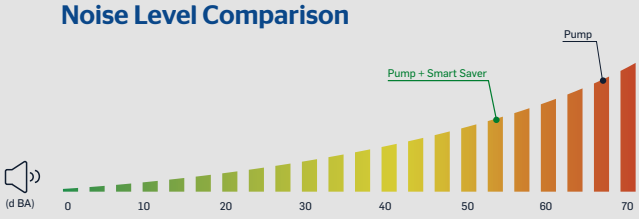
Save more than 80% in energy Cost

TÜV Rheinland CERTIFIED

Noise Level Comparison



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 SmartSaver Specification

Model	Operation 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

Atecpool Pool Controls
Control Panel

Atecpool Control Panel

Atecpool Control Boxes have IP66 protection rating, made in ABS and glass panel. Control panel box for connection to all electrical pool equipment like pumps, heat pumps, lighting, dosing system, pool covers etc. Monophase or triphase with or without transformer.



Power Box Without Transformer Specification

Power Box for circuit control, timer, dosing, filtration, lighting, pump manual or auto switch

- Housing L265xA300xP120 mm in ABS IP65 gray color with window and transparent cover.
- General cut by residual current device 30ma.
- Command circuit protected by circuit breaker (6A).
- Output for water treatment device with protection by circuit breaker 10A.
- Output for sockets (General Uses) protection by circuit breaker 16A.
- Time switch with power reserve.

	Voltage	Model	Code	Current	Pump		Transformer
	V			(A)	kw	HP	
Monophase	230V AC	QPM	QPM-4	2.5-4A	0.25	0.33	No
					0.37	0.5	
	230V AC	QPM	QPM-6	4-6.3A	0.55	0.75	No
					0.75	1	
	230V AC	QPM	QPM-10	6.3-10A	1.1	1.5	No
					1.5	2	

	Voltage	Model	Code	Current	Pump		Transformer
	V			(A)	kw	HP	
Triphase	400V AC	QPT	QPM-2T	1-1.6A	0.55	0.75	No
	400V AC	QPT	QPM-3T	1.6-2.5A	0.75	1	No
	400V AC	QPT	QPM-4T	2.5-4A	1.1	1.5	No
					1.5	2	
	400V AC	QPT	QPM-7T	4-6.3A	2.2	3	No
					3	4	



Power Box With Transformer Specification

Power Box for circuit control, timer, dosing, filtration, lighting, pump manual or auto switch, projector ON-OFF switch, electricity plug, light.

- Housing L265xA300xP120 mm in ABS IP65 gray color with window and transparent cover.
- Command circuit protected by circuit breaker (6A).
- Output for water treatment device with protection by circuit breaker 10A.
- Output for underwater projectors with protection by circuit breaker 10A.
- Output for Lighting (General Uses) protection by circuit breaker 10A. *
- Output for sockets (General Uses) protection by circuit breaker 16A. *
- Time switch with power reserve.
- Adjustable motor circuit breaker.

	Voltage	Model	Code	Current	Pump		Transformer
				(A)	kw	HP	
Monophase	230V AC	QPM80	QPM80-4	2.5-4A	0.25	0.33	80VA
					0.37	0.5	
	230V AC	QPM80	QPM80-6	4-6.3A	0.55	0.75	80VA
					0.75	1	
	230V AC	QPM80	QPM80-10	6.3-10A	1.1	1.5	80VA
					1.5	2	

	Voltage	Model	Code	Current	Pump		Transformer
				(A)	kw	HP	
Triphase	400V AC	QPT80	QPT80-2T	1 - 1.6A	0.55	0.75	80VA
	400V AC	QPT80	QPT80-3T	1.6-2.5A	0.75	1	80VA
	400V AC	QPT80	QPT80-4T	2.5-4A	1.1	1.5	80VA
					1.5	2	
	400V AC	QPT80	QPT80-7T	4 - 6.3A	2.2	3	80VA
					3	4	



POOL FILTRATION

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

Pool Filtration



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

ATECPOOL Filters are easy to install and operate with either manual or automatic, hydraulic or electric multi-position valves to clean the filter media. Advanced distributor systems inside the filter tanks ensure the optimal filtration grade.

ATECPOOL has developed the latest design to give a balanced water flow during filtration or backwash to ensure energy saving to protect the environment.

ATECPOOL Filter by its state-of-art technology will ensure crystal clear and safe water for years and through its efficient and deep filtration beds reduce the need for harmful chemicals. We recommend to use Activated Filtration Media (AFM) together with **ATECPOOL filters** for high quality water.

Atecpool Filtration

Next Generation of Filtering

The healthy core of a swimming pool

Water Care

High Quality

Great Finishing

Long life-span



ECO friendly

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Ocea
Laminated Filter

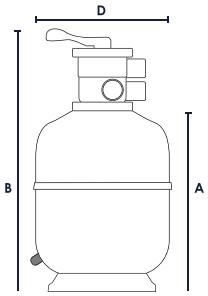
Ocea Laminated Filter Specifications

Atecpool innovative design and advanced technology offers superior filtration performance and crystal clear water. Body in laminated Fiberglass and reinforced polyester making the filter totally anti-corrosive.

- Maximum working temperature : 40°C
- Fiberglass reinforced polyester base
- Injected interior parts in ABS and PVC
- Collector system using laterals 0.3mm slot
- Closed top lid in two options
  - Transparent Glass Lid with nuts and gaskets
  - Injected ABS with nuts and gaskets
- Equipped with 2" sand/water drain
- All gaskets in silicon
- Maximum working pressure: 2.5 kg/cm².
- Supplied with MPV

Ocea Top Mounted Sand Filters

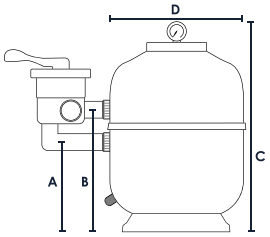




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	mm	kg
065450	450	8	50	80
065500	500	10	50	90
065650	650	15	50	140
065760	760	22	63	305
065800	800	24	63	325
065950	950	30	63	530

Ocea Side Mounted Sand Filters





Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	mm	kg
069450	450	8	50	80
069500	500	10	50	90
069650	650	15	50	140
069760	760	22	63	305
069800	800	24	63	325
069950	950	32	63	530

Maximum filtration velocity: 50m³/h/m² - Maximum working pressure: 2.5 kg/cm² - Testing Pressure: 4kg/cm².

Code	Diameter	Valve Connection	Filtration Area	Dimensions (mm)			
				A	B	D	
TOP MOUNTED	Ø mm	mm	m²		mm		
065450	450	50	0.14	650	830	450	
065500	500	50	0.20	750	930	500	
065650	650	50	0.30	850	1030	650	
065760	760	63	0.42	1000	1180	760	
065800	800	63	0.46	1030	1210	800	
065950	950	63	0.60	1030	1210	950	
SIDE MOUNTED		mm		A	B	D	C
069450	450	50	0.16	290	410	450	700
069500	500	50	0.20	300	420	500	800
069650	650	50	0.30	320	440	650	900
069760	760	63	0.44	360	560	760	1030
069800	800	63	0.48	380	580	800	1080
069950	950	63	0.64	380	580	950	1080

These codes include the filter valve. Velocity=50m³/h/m²

Recommended to be used with Activated Filtration Media

ECO friendly

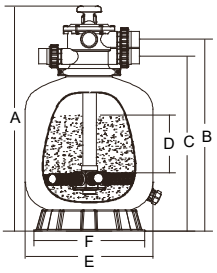
Atecpool Bobinados Plus
Bobbin Wound Filters

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
- Maximum working pressure: 2.5 kg/cm²
- Max temperature of 50°C
- Universal standard of union connection provided
- Suggested size of media: 0.5 – 0.8 mm
- Maximum filtration velocity: 50 m³/hr/m²
- Equipped with top multiport valve with 6-way functions.
- ABS Laterals.

ATECPOOL Bobinados Plus Clamp Style MPV

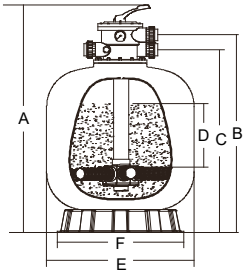




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	inches	kg
31350	350	4.5	1.5"	20
31400	400	6.5	1.5"	35
31450	450	8	1.5"	45
31500	500	11	1.5"	85
31650	650	16	1.5"	145
31700	700	20	1.5"	210

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

Maximum filtration velocity: 50 m³/h/m² - Maximum working pressure: 2.5 kg/cm² - Testing Pressure: 4 kg/cm².

Code	Filtration Area	Dimensions (mm)					
		A	B	C	D	E	F
	m²	mm					
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

These codes include the filter valve.

Recommended to be used with Activated Filtration Media

ECO friendly

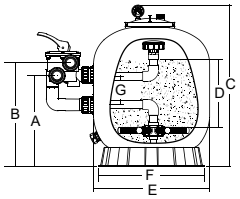
Atecpool Bobinados Plus
Bobbin Wound Filters

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/cm^2.
- 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 m^3/hr/m^2.
- ABS Laterals.

ATECPOOL Bobinados Plus Transparent Lid Model

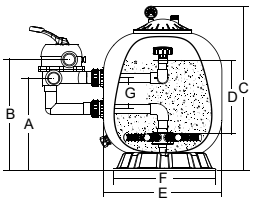




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m^3/h	inches	kg
60450	450	8	1 1/2"	45
60500	500	11	1 1/2"	85
60650	650	16	1 1/2"	145
60700	700	20	1 1/2"	210

ATECPOOL Bobinados Plus Injected Lid with Bolts

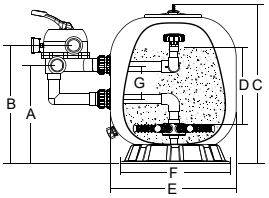




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m^3/h	inches	kg
60702	700	20.5	2"	215
60800	800	26.5	2"	355
60900	900	30	2"	470

ATECPOOL Bobinados Plus Quick Closing Lid





Code	Diameter	Max Flow	Valve Connections	Sand	Gravel
	Ø mm	m^3/h	inches	kg	kg
60902	900	33	2 1/2"	320	150
61000	1000	40.20	2"	420	200
61002	1000	41	2 1/2"	420	200
61200	1200	52.80	2"	610	250
61202	1200	58.50	2" 1/2"	610	250

Maximum filtration velocity: 50 m^3/h/m^2 - Maximum working pressure: 2.5 kg/cm^2 - Testing Pressure: 4 kg/cm^2.

Code	Filtration Area	Dimensions (mm)						
		A	B	C	D	E	F	G
	m^2	mm						
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

These codes include the filter valve.

Recommended to be used with Activated Filtration Media

ECO friendly

Atecpool Blow Moulded
Electa Filter

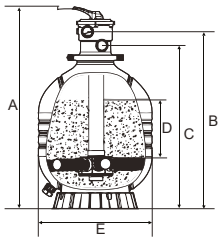
Electa Filter Specifications

Atecpool innovative design and advanced technology offers superior filtration performance and crystal clear water. Electa Filter is blown at 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 50ºC (122ºF)
- 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.
- Maximum Filtration Velocity : 50 $m^3/hr/m^2$.

Electa Top Mounted Sand Filters

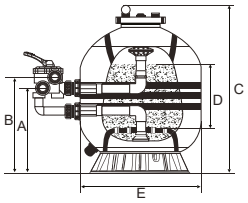




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m^3/h	inches	kg
55450	450	7	1 1/2"	40
55510	510	10	1 1/2"	70
55610	610	14	1 1/2"	125
55700	700	18	1 1/2"	185
55800	800	23.5	2"	320
55900	900	30.5	2"	430

Electa Side Mounted Sand Filters





Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m^3/h	inches	kg
51450	450	7	1 1/2"	40
51510	510	10	1 1/2"	70
51610	610	14	1 1/2"	125
51700	700	18	1 1/2"	185
51800	800	23.5	2"	320
51900	900	30.5	2"	430

Maximum filtration velocity: 50 $m^3/h/m^2$ - Maximum working pressure: 2.5 kg/cm^2 - Testing Pressure: 4 kg/cm^2.

Code	Diameter	Valve Connection	Filtration Area	Dimensions				
				A	B	C	D	E
TOP MOUNTED	Ø mm	inches	m^2	mm				
55450	450	1 1/2"	0.14	816	695	625	195	450
55510	510	1 1/2"	0.20	889	772	712	225	510
55610	610	1 1/2"	0.28	980	860	800	280	610
55700	700	1 1/2"	0.36	1133	976	910	300	700
55800	800	2"	0.47	1178	1021	955	370	800
55900	900	2"	0.61	1296	1139	1073	440	900
SIDE MOUNTED								
51450	450	1 1/2"	0.14	354.4	417.5	670	195	450
51510	510	1 1/2"	0.20	396.3	549.3	760	225	510
51610	610	1 1/2"	0.28	429.5	492.5	825	280	610
51700	700	1 1/2"	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

These codes include the filter valve. Velocity=50$m^3/h/m^2$

Recommended to be used with Activated Filtration Media

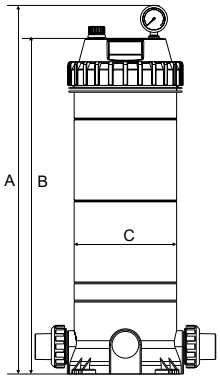
ECO friendly

Atecpool Cartridge Filter
PP & Fiberglass body

Atecpool Cartridge Filter

- Body made in 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: 40ºC
- Maximum operation pressure: 2.5 Bar.
- Filtration velocity of 1.8 $m^3/hr/m^2$



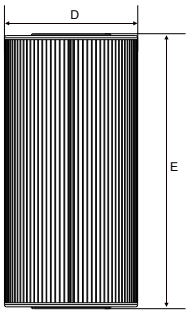


Code	Filtration area	Valve Connections	Max Flow Rate	Dimension (mm)		
	m^2		m^3/h	A (Height)	B	C
087510	2.25	1.5"	5.5	445	387	225
087511	4.63	1.5"	11.4	625	567	225
087512	7	1.5"	17.0	805	747	225
087513	9.4	2"	22.9	985	927	225
087514	13.72	2"	33.4	1165	1107	225
087515	166.82	2"	40.9	1345	1287	225

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

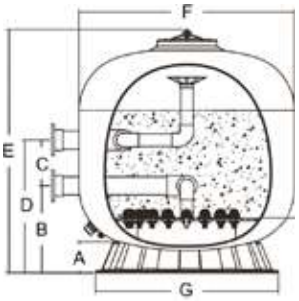
Atecpool Commercial Filter

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.
- Maximum working pressure: 2.5 kg/cm^2.
  Filters with 4Kg/cm^2 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.







Standard internal distribution system



Nozzle plate internal distribution system

Recommended to be used with Activated Filtration Media

ECO friendly

Code	Diameter	Filtration Velocity	Flow Rate	Valve Connections	Filtration Area	Sand	Gravel
	Ø mm	m^3/h/m^2	m^3/h	inches	m^2	kg	kg
06831200	1200	30	33	3"	1.13	900	300
		40	45				
06831400	1400	30	46	4"	1.54	1350	500
		40	61				
06831600	1600	30	60	4"	2.01	2300	750
		40	80				
06831800	1800	30	76	6"	2.54	2900	900
		40	101				
06832000	2000	30	94	6"	3.14	4000	1150
		40	125				
06832350	2350	30	130	8"	4.34	6000	1600
		40	173				
06832500	2500	30	147	8"	4.90	6700	1800
		40	196				

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

Options:

- Side manhole: Ø400mm
- Sight glass: 114mm
- Air purge: 20mm
- Nozzle plate distributor

Maximum working pressure: 2.5 kg/cm^2.

Testing pressure: 4kg / cm^2.

Operating Water Temperature: 1-50ºC

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

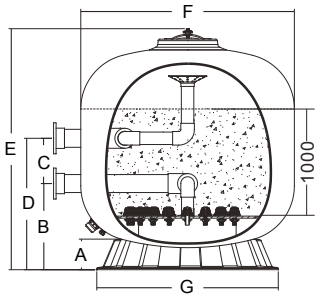
Atecpool Commercial Plus Filter

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/cm^2.
  Filters with 4 kg/cm^2 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.







Standard internal distribution system



Nozzle plate internal distribution system

Recommended to be used with Activated Filtration Media

ECO friendly

Code	Diameter	Filtration Velocity	Flow Rate	Flanges Connections	Filtration Area	Sand	Gravel
	Ø mm	m^3/h/m^2	m^3/h	inches	m^2	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				







Options:

- Side manhole: Ø400
- Sight glass: 114mm
- Air purge: 20mm
- Nozzle plate distributor

Maximum working pressure: 2.5 kg/cm^2

Testing pressure: 4kg / cm^2.

Max water temperature: 43ºC

Note:

- On demand, filters with special heights can be produced.

Code	Diameter	A	B	C	D	E	F	G
	D Ø mm				mm			
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

Atecpool Inox AISI 316
Stainless Steel Filter

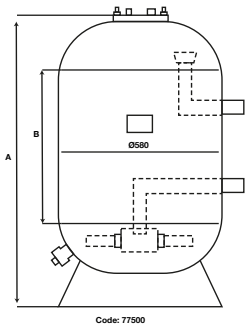
Atecpool Zodiac Stainless Steel AISI 316 Filter

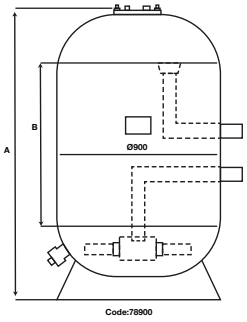
- Made from high-quality stainless steel AISI 316.
- SS316 L (marine grade) upon request.
- Maximum working pressure: 3 kg/cm² / stainless steel sheet thickness (T) 1.5 mm
- Upto 10 bar pressure upon special request
- Inlet / Outlet: 2" threaded, no valve included (recommended valve: besgo auto backwash valve)
- Top lid: DN300, silicon gasket with screws
- Side manhole : DN 140, silicon gasket with screws
- Leg: skirt type / Drain port 59 mm
- Mirror polishing
- Water distribution : laterals
- Manual air release valve 1"



Working Pressure : 3Kg/cm² - Testing Pressure: 4kg/cm²

Code	Diameter Ø	Flow Rate (m^3/h)	Filtration Area m^2	Valve Connection	Sand	Dimensions (mm)	
	mm	m^3/h	m^2		kg	A	B
77500	580	13	0.26	2"	150	950	500
78900	900	31	0.66	2"	500	1343	750



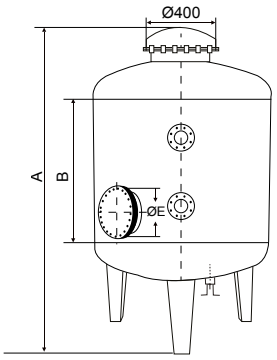


Atecpool Classic Stainless Steel AISI 316 Filter



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" , auto air release on request.



Working Pressure : 3 Kg/cm² - Testing Pressure: 4kg/cm²

Code	Diameter Ø	Flow Rate (m^3/h)	Filtration Area m^2	Flange Connection	Sand	Dimensions (mm)		
	mm	m^3/h	m^2		kg	A	B	E
781200	1200	57	1.13	3" flange	1550	2110	1225	Ø300
781400	1400	78	1.54	4" flange	2260	2230	1225	Ø300
781600	1600	101	2.01	4" flange	3100	2410	1230	Ø300
781800	1800	127	2.54	6" flange	3850	2470	1230	Ø300
782000	2000	157	3.14	6" flange	5000	2490	1235	Ø300

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 made with flanges for connections to filters as per DIN-2501 standard.

All manifolds are supplied assembled without support brackets.





Code	Description	Connections	
Butterfly Valve			inches
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			inches
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	Connection	
Pneumatic			inches
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"

Atecpool Besgo
Automatic Backwash

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. Unintentional draining of the pool is not possible.
- **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:

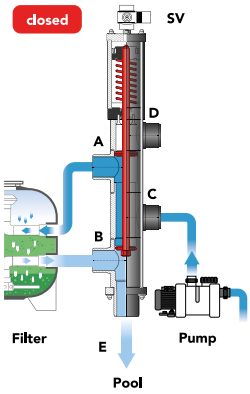
- **Material**
  Inner parts: stainless steel V4A
  Seals: Viton / Teflon
- **Actuation**
  Closing when not under pressure spring-activated
- **Actuating pressure**
  3 to 5 bar mains water or compressed air
- **Operating pressure**
  Max. 3.5 bar
- **Solenoid valve**
  The solenoid valve serves to 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
		inches	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

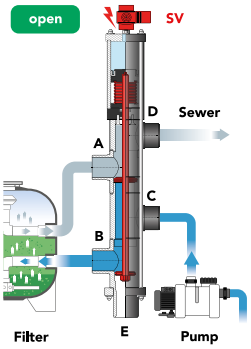


TÜV Rheinland CERTIFIED

Filtration mode
Solenoid valve closed



Backwash mode
Solenoid valve open



ECO friendly

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)



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, volume 92dB, w/ 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 Multiport Valves
Six-way 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".
- The design offers a wide range of possibilities to any installation, assuring perfect water-tightness and comfortable handling.
- With an innovative design, ease of handling and maximum reliability, these multiport valves are a basic element in achieving the perfect condition of your pool

1½" TOP multiport valve ELECTA



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
726103	50	1 1/2"	Black	3.8	0.02

2" TOP multiport valve ELECTA



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
726104	63	2"	Black	5	0.028

1½" SIDE multiport valve ELECTA



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
726105	50	1 1/2"	Black	3.8	0.02

2" SIDE multiport valve ELECTA



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
726106	63	2"	Black	5	0.028

1½" TOP multiport valve BOBINADOS SERIE



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
0683150	50	1 1/2"	Black	3.8	0.02

2" TOP multiport valve BOBINADOS SERIE



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
0683200	63	2"	Black	5	0.028

1½" SIDE multiport valve BOBINADOS SERIE



Code	Dimension		Colour	Weight kg	Volume package
	mm	inch			m³
0684150	50	1 1/2"	Black	3.8	0.02

2" & 2½" SIDE multiport valve BOBINADOS SERIE



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
0684200	63	2"	Black	5	0.04
0684250	75	2 1/2"	Black	7	0.06

50mm TOP multiport valve OCEA Filter



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
0663001	50	1 1/2"	Black	3.8	0.02

63 mm TOP multiport valve OCEA Filter



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
0663003	63	2"	Black	5	0.028

50mm SIDE multiport valve OCEA Filter



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
0663005	50	1 1/2"	Black	3.8	0.02

63 mm SIDE multiport valve OCEA Filter



Code	Dimension		Colour	Weight	Volume package
	mm	inch		kg	m³
0663007	63	2"	Black	5	0.04

Atecpool Pipeless Filtration

Easy and Efficient

The easiest way to filtrate your swimming pool water



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.



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

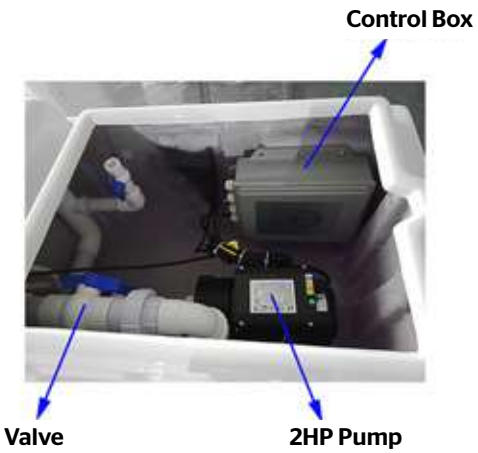
Equipment

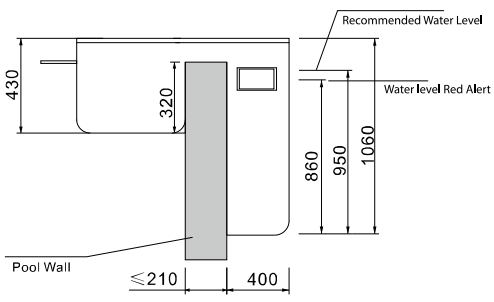
Filtration Pump	1 x 2HP
Filtration basket with bag	1 Pc
Light (warm white)	1 x LED 10W / 12V
Time Controller	1 Pc
Swim Jet	2 Pcs
Chlorine Feeder	1 Pc

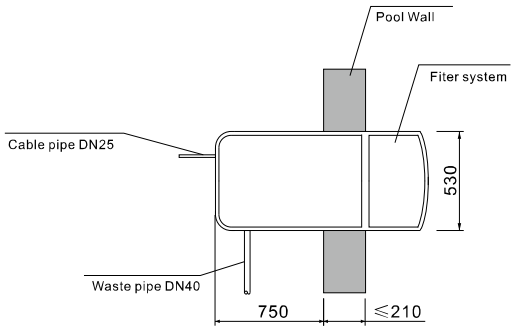
Pools until 80 m³ max.
Length max.: 10 m

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









Wall Mounted Filter
Pipeless

Pools until 45 m³ max.
Length max.: 7 m

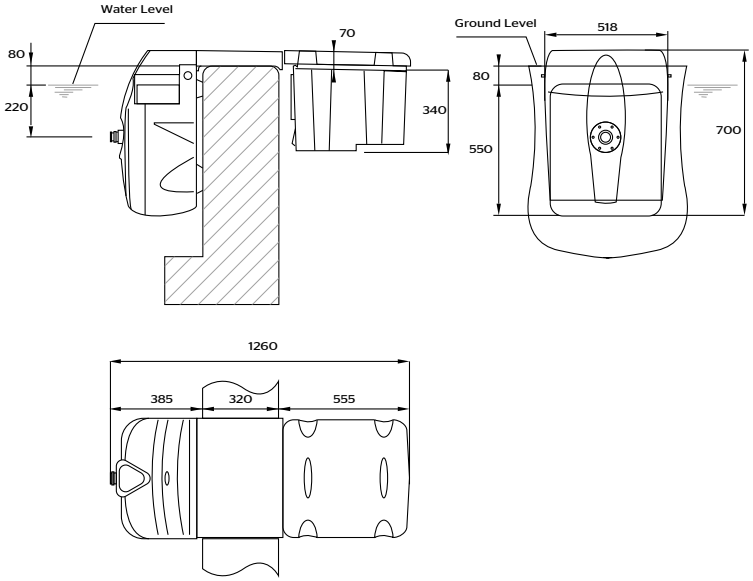
Compak Kit WPCKIT12 - Wall Mounted Filter

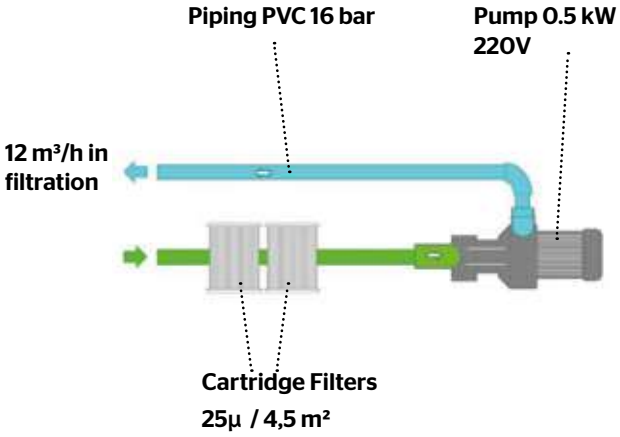
The enclosure of the wall-mounted filter is made of ABS, anti-acid-fading and easy to clean, integrated filter installation without plant room, easy installation, convenient operation, and excellent performance reducing the construction costs. The filter is made according to international standards.



Specifications

1. Removable cover with a mechanical safety (lock)
2. Control box for filtration (automatic or manual) and lighting
3. Buried part containing: Filtration pump (12 m³/h)
4. Double filtration cartridges + basket collecting leaves
5. Skimmers, two openings for water suction
6. Directional heavy flow rate
7. LED light + remote control w/ color in option





Code	Description
WPCKIT12	Compak Kit Wall Mounted Filter 12 m³/h

Optional

- Colored LED light + remote control

Equipment

Filtration Pump	12 m³/h 0,5Kw
2 cartridges	Area : 4.5 m² / Fineness : 25µ
LED light	30 Led - 4.5 W
Body	ABS-PMMA materials (thermoformed)

Wall Mounted Filter
Pipeless

WPCKIT25X
Pools until 80 m³ max
Length max: 9 m

WPCKIT35X
Pools until 110 m³ max
Length max: 12 m

Compak Kit WPCKIT25X & WPCKIT35X - Wall Mounted Filter



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

Specifications

- Dimensions: 1450 x 530 x 1060 mm
- Flow Rate: 25m³/h ~ 35 m³/h
- Voltage: 220-240 V / 50 Hz
- Precision of filtration bag: ≤ 5 μm
- Operation noise: ≤ 50 dB
- Material: ABS
- Installation: Wall mounting

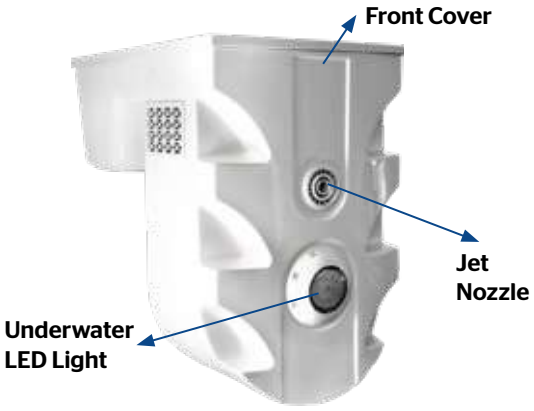
Code	Description
WPCKIT25X	Compak Kit Wall Mounted Filter 25 m³/h
WPCKIT35X	Compak Kit Wall Mounted Filter 35 m³/h

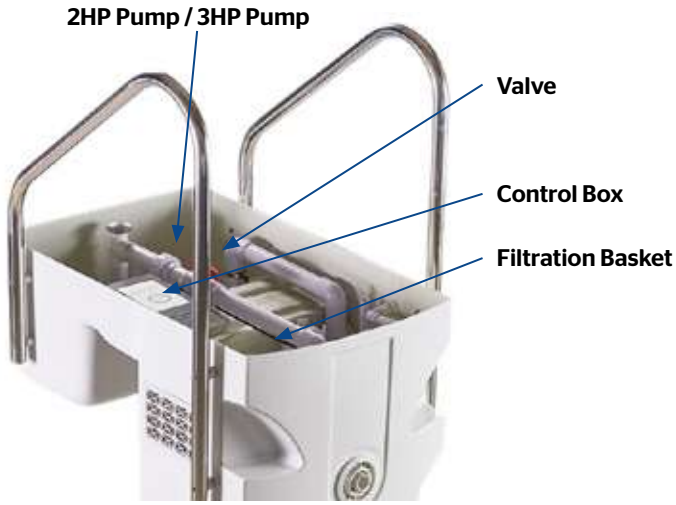
Equipment: WPCKIT25X Technical Data

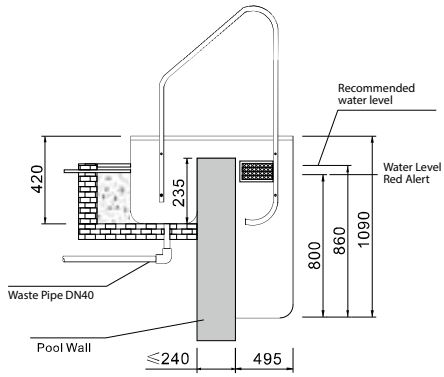
Filtration Pump	1 x 2HP 25 m³/h
Filtration Basket with Bag	1 Pc
Light (Warm White)	1 x LED 10W / 12V
Time Controller	1 Pc
Swim Jet	1 Pcs
Chlorine Feeder	1 Pc

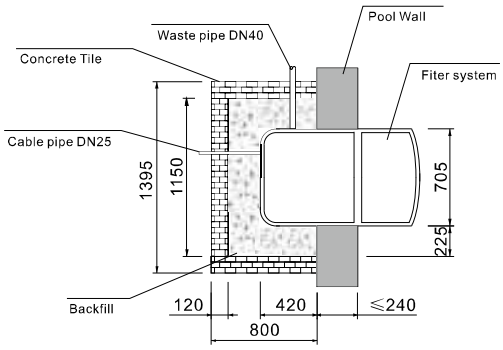
Equipment: WPCKIT35X Technical Data

Filtration Pump	1 x 3HP 35 m³/h
Filtration Basket with Bag	2 Pc
Light (Warm White)	1 x LED 10W / 12V
Time Controller	1 Pc
Swim Jet	1 Pcs
Chlorine Feeder	1 Pc





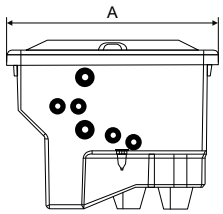




Atecpool Filtration Housings
Housings without Inner Assembly

Atecpool Filtration Housing - Caseta I, II or III

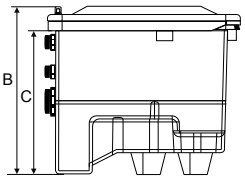
Fully in-ground or semi in-ground filtration housing, body made of FRP with single wing cover. The enclosure is water tight and can drain water automatically. In-ground compact housing eliminates the need for building concrete rooms and installation, which saves labour and time. Comes in three different models, Caseta I, II or III, has the capacity to include Atecpool sand filter upto Ø900 mm. A 4kg Inline chlorine feeder can be optionally fitted in.

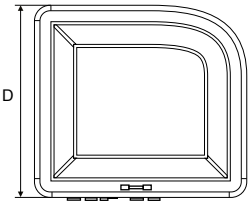




Caseta I







Code	Description	A	B	C	D	Max. Size (holding capacity inside)
081519	Caseta I	1330	1055	905	1210	Filter Ø650 mm Dia, 1.5 HP pump. Booster pump, submersible pump.
081510	Caseta II	1400	1220	1080	1340	Filter Ø700 mm Dia, 2 HP pump. Booster pump, submersible pump.
081511	Caseta III	1730	1315	1170	1630	Filter Ø900 mm Dia, 3 HP pump. Booster pump, submersible pump.

Empty filtration housing, no equipment included.

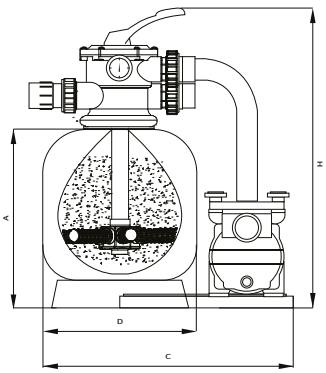
Atecpool Filtration Kit

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	kg
6991400	Ø410	micro 0.33HP	515	750	410	770	1" ½ - 50	34
6991410	Ø410	micro 0.5HP	575	790	450	770	1" ½ - 50	34

Empty filtration housing, no equipment included.

Atecpool Filtration Trolley Kit
Portable Filtration

Atecpool Portable Filtration Electa Kit

- Fast and easy set-up, ready to install
- Specially sized Electa sand filter with Horizon Plus pump
- Blow moulded filter tank top mounted
- 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	Diameter Ø	Max Flow	Valve Connection	Power			
	mm	m^3/h	inches	HP	kW	µF	Voltage
06990450	450	7	1 1/2"	0.5	0.37	16	230 - 400V
06990510	510	10	1 1/2"	0.75	0.55	20	230 - 400V
06990610	610	14	1 1/2"	1	0.75	25	230 - 400V

Atecpool Portable Filtration Cartridge Kit

- Fast and easy set-up, ready to install
- Specially sized Cartridge Filter with Horizon Plus 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			
	m^2	m^3/h	inches	HP	kW	µF	Voltage
00595005	2.3	5.5	1 1/2"	0.5	0.37	16	230 - 400V
00597507	4.7	11.4	1 1/2"	0.75	0.55	20	230 - 400V
06997510	7	17.0	1 1/2"	1	0.75	25	230 - 400V
06997610	9.4	22.9	2"	1.5	1	30	230 - 400V

Atecpool Activated Filtration Media

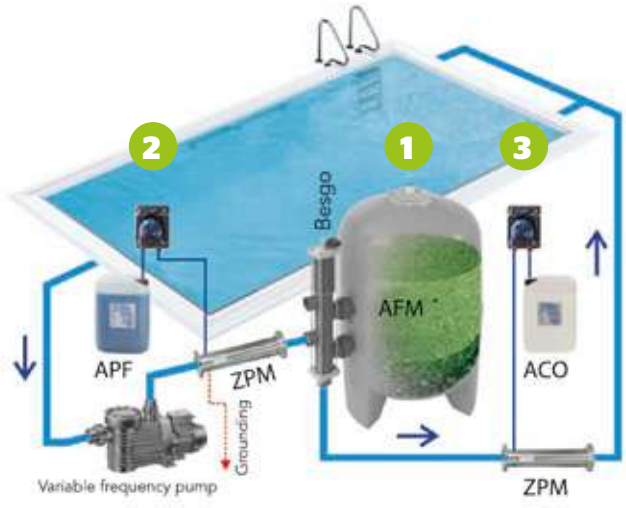
AFM®ng

Healthier pool for a healthier planet

Made from green glass

AFM®ng stands for Activated Filter Media, a revolutionary filter media made from green glass. Exceeds the performance of quartz and glass sand by filtering about 30% more organics. AFM®ng comes with important certifications such as NSF 50 (swimming pools) and 61 (drinking water), HACCP, UK DWI and others.

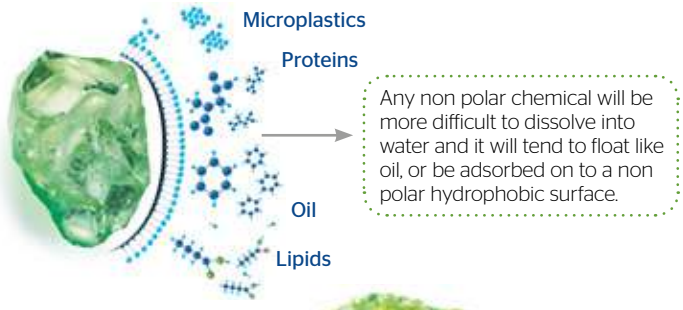
AFM®ng undergoes a new activation process to increase its surface area and to make it hydrophobic (non polar).



Atecpool Integrated Water Treatment System (AIWS)
1. Filtration with AFMng / 2. Coagulation and flocculation with APF and ZPM / 3. Catalytic oxidation with ACO and ZPM

Green Advantages:

- **Crystal clear water**
  AFM filters much finer than quartz or glass sand.
- **Lower chlorine consumption**
  Everything that is filtered out doesn't have to be oxidised.
- **No smell of chlorine**
  No heterotrophic bacteria means no trichloramine and thus no disturbing and harmful chlorine smell.
- **No Legionella**
  Legionella and many other pathogens grow in the protection of the biofilm. No biofilm means no Legionella.
- **Ecological and economical**
  AFM and the integrated system save resources such as water, chlorine and energy





eco friendly . better filtration . healthier pool system

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Filtration Media
AFM®ng, Sand & Gravel

Atecpool AFM®ng is a unique bio resistant filter media.

AFM® was 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.

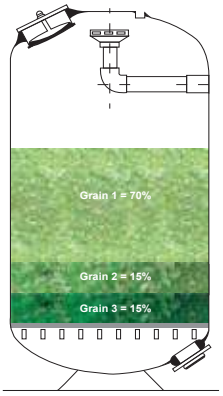
Glassand: Filters 95% of all particles >25 microns.

Filter filling:

50 % AFMng 1

25 % AFMng 2 as supporting layer

25 % AFMng 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 kg	Volume package m³
AFM®ng1	0.4 - 0.8 mm	1	25	0.667
AFM®ng2	0.7 - 2.0 mm	1	25	0.667
AFM®ng3	2.0 - 4.0 mm	1	25	0.667

Filtration Media Silica Sand

50 kg bag



Code	Granulometry	Units	Weight kg	Volume package m³
1000001	0.4-0.8 mm	1	50	0.8

Gravel

50 kg bag



Code	Granulometry	Units	Weight kg	Volume package m³
1000002	1.0-2.0 mm	1	50	0.8
1000003	3.0-5.0 mm	1	50	0.8



POOL SURROUND

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

Pool Surround



ATECPOOL pool-side equipment, in high quality stainless steel, provides durability with the best aesthetic appearance. Wide selection of pool-side equipment that will suit your custom requirements.

Designed and built to provide a secure pool environment with maximum relaxation.

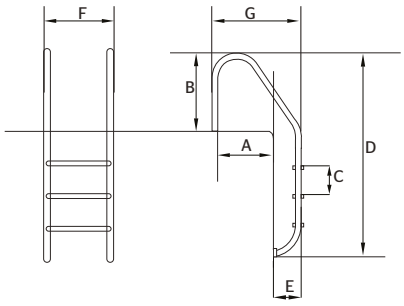
Special stainless steel ornamental pool features are designed and engineered by ATECPOOL with excellence and high precision.

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 security. Complete with anchors and earthing accessories.





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

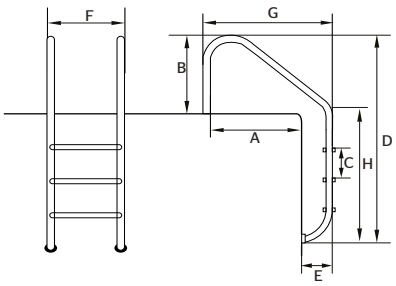


	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps standard	13003215-1	10.0	0.07
3 steps standard	13003215-2	11.8	0.08
4 steps standard	13003215-3	13.2	0.08
5 steps standard	13003215-4	14.0	0.10

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 security. Complete with anchors and earthing accessories.





Steps	A	B	C	D	E	F	G	H
		(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
2	757	610	250	1390	180	500	957	710
3	757	610	250	1640	180	500	957	960
4	757	610	250	1890	180	500	957	1210
5	757	610	250	2140	180	500	957	1460

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



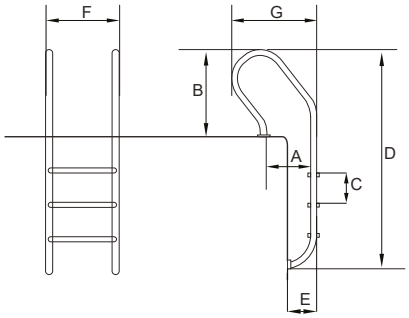
	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps overflow	13003215-9	10.0	0.07
3 steps overflow	13003215-10	12.0	0.08
4 steps overflow	13003215-11	14.0	0.08
5 steps overflow	13003215-12	15.0	0.10

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 security and handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories.





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

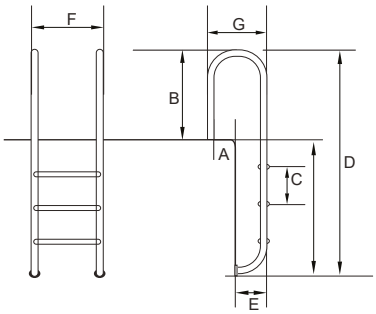


	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps mixed	13003215-17	10.0	0.07
3 steps mixed	13003215-18	11.8	0.08
4 steps mixed	13003215-19	13.2	0.08
5 steps mixed	13003215-20	14.0	0.10

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 security. Handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories.





Steps	A	B	C	D	E	F	G
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
2	160	620	250	1300	180	500	345
3	160	620	250	1550	180	500	345
4	160	620	250	1800	180	500	345
5	160	620	250	2050	180	500	345

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



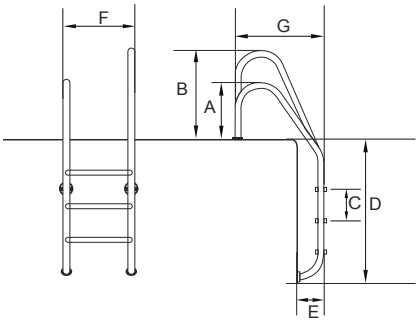
	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps muro	13001200-1	10.0	0.07
3 steps muro	13001300-1	11.8	0.08
4 steps muro	13001400-1	13.2	0.08
5 steps muro	13001500-1	14.0	0.10

Pool Access Ladders

Standard Asymmetrical Ladder

Atecpool standard asymmetrical ladders made of AISI 316 are designed for safety against slipping near pool surfaces or slopes. Steps in stainless steel with anti-slip security. Handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories.





Steps	A	B	C	D	E	F	G
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
2	620	920	250	1300	180	500	738
3	620	920	250	1550	180	500	738
4	620	920	250	1800	180	500	738
5	620	920	250	2050	180	500	738

Deluxe S.S. 316

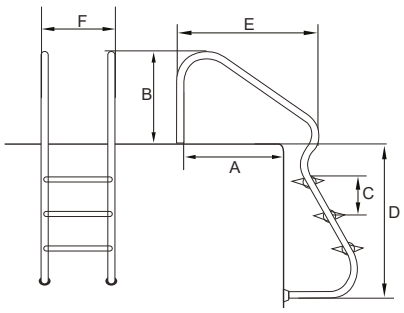


	Code	Weight	Volume
	AISI 316	(kg)	m^3
2 steps asymmetrical	13002200-1	10.0	0.07
3 steps asymmetrical	13002300-1	11.8	0.08
4 steps asymmetrical	13002400-1	13.2	0.08
5 steps asymmetrical	13002500-1	14.0	0.10

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 security. Handrails in polished stainless steel (Ø42mm tube). Complete with anchors and earthing accessories.





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 tread



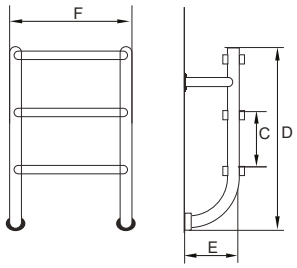
	Code	Weight	Volume
	AISI 316	(kg)	m^3
2 steps easy access	13003200	15	0.07
3 steps easy access	13003300	16	0.08
4 steps easy access	13003400	17	0.08

Pool Access Ladders

Split Ladder - Bottom half

Rails and steps made of polished stainless steel (AISI 316). Steps in stainless steel with anti-slip security. Complete with anchors and earthing accessories. Can be used with any exit rails.





Deluxe S.S. 316



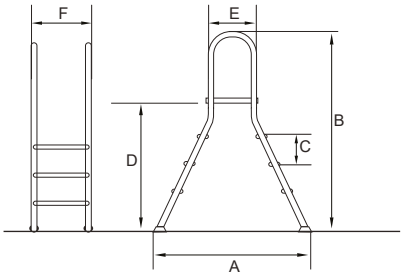
Steps	C	D	E	F
	(mm)	(mm)	(mm)	(mm)
2	250	500	180	500
3	250	750	180	500
4	250	1000	180	500
5	250	1250	180	500

	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.





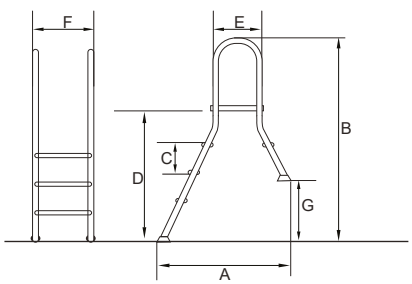
Steps	A	B	C	D	E	F
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
3+3	1150	1680	250	1030	375	500
4+4	1360	1920	250	1270	375	500
5+5	1570	2160	250	1600	375	500

	Pool Height	Code	Weight	Volume
		AISI 316	(kg)	m³
3+3 above ground	**1m:** (3+3) Steps + platform	13004300	19.0	0.07
4+4 above ground	**1.25m:** (4+4) Steps + platform	13004400	21.0	0.08
5+5 above ground	**1.50m:** (5+5) Steps + platform	13004500	23.0	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.





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

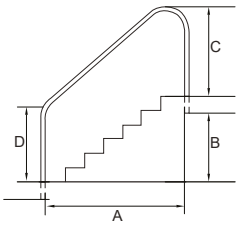
	Code	Weight	Volume
	AISI 316	(kg)	m³
3+1 partially in ground	13004315/1	19.0	0.07
4+1 partially in ground	13004415/1	21.0	0.08
5+1 partially in ground	13004515/1	23.0	0.08

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.



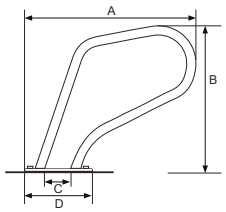


Code	Length	Steps	Volume	Weight	A	B	C	D
AISI 316			(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026006	1.2 m	3	0.14	4.0	1200	660	817	752
13026006-1	1.5 m	4	0.16	4.5	1500	825	817	752
13026006-2	1.8 m	5	0.25	4.9	1800	990	817	752

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.



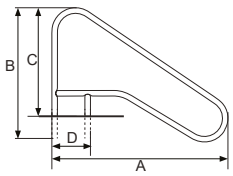


Code	Volume	Weight	A	B	C	D
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026012	0.043	4.0	809	567	254	160

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.

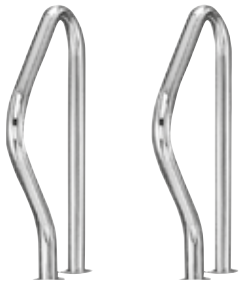


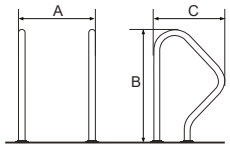


Code	Volume	Weight	A	B	C	D
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026008	0.05	5.1	1350	897	817	203

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.



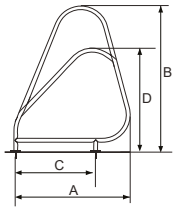


Code	Volume	Weight	A	B	C
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)
13026011	0.08	7.0	533	800	260

Two Piece Grab Rail Asymmetrical

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



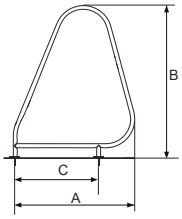


Code	Volume	Weight	A	B	C	D
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026014	0.138	7.0	810	1053	560	758

Two Piece Grab Rail Parellel

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





Code	Volume	Weight	A	B	C
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)
13026009	0.138	7.0	820	984	560

Pool Access Ladders
Accessories

Anchor Socket

Made of plastic suitable for Ø42 mm pipe.



Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
9900100006	ABS	Ø42	18x9x7	0.25	2

Deluxe Anti-Slip Step AISI 304 & AISI 316



Code	Material	Size	Volume	Weight	Unit
		(mm)	(mm)	(kg)	
9900100002-1	AISI 304	500x86x35	0.0015	0.6	1
9900100002	AISI 316	500x86x35	0.0015	0.6	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	Volume	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	Volume	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.

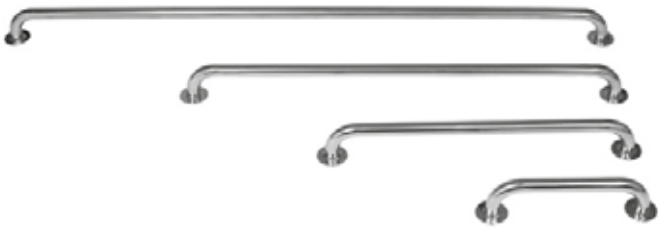


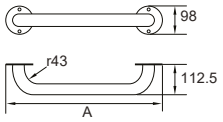
Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
9900100009	AISI 316	Ø42	18x16x9	1.224	2

Pool Handrails

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)	(m^3)	(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)	(m^3)	(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)	(m^3)	(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)	(m^3)	(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)	(m^3)	(kg)
13026025	Ø42	0.0005	0.18

Bracket closed at one end

AISI 316 stainless steel closed brackets for Ø42 mm handrails.



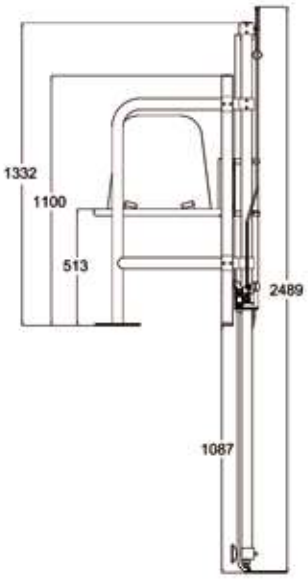
Code	Size	Volume	Weight
	(mm)	(m^3)	(kg)
13026026	Ø42	0.0005	0.20

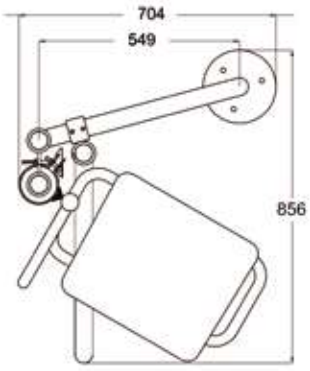
Pool Lifts

Hydraulic 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 commands available for actuation. One located at the top of the guide axis that allows the user to actuate 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: 150º
- Structure and piston: AISI 316L
- Tubular structure: Ø48.3 x 2 mm
- Water pressure: > 3.5 to 5 bar
- Seat: Synthetic material suitable for outdoors

Code	Description	Volume	Weight
		(m^3)	(kg)
11000500	Hydraulic lift	0.659	40.5

Battery Operated Pool Lift

Designed for installation on the decks of in-ground and aboveground pools/spas. The lift features a 160Kg weight capacity while maintaining a sleek design. ADA compliant. Ideal for use in hotels spas, and private pools.



Specifications

- 160kg operating load capacity
- Independent third party usage
- Setback range 37 to 48 cm
- Flip-up armrest
- All stainless steel construction
- Adjustable footrest & lap belt
- Water resistant handset
- Rechargeable battery with wall mounted charger

Colors

Available in a variety of accent colors. Blue is the standard color.

Code	Description	Weight
		(kg)
411AT1	Battery Operated Pool Lift / No Anchors	80
04CA	Anchor Kit Standard 4 Points	8

Life Saving
Accessories

Lifebuoy Holder Post

AISI 304 stainless steel base plate with 3 holes. Supplied with gaskets, anchor plugs and screws.



Code	Size	Weight	Volume
AISI 304	(mm)	(kg)	(m^3)
001994020	Ø42	2.5	0.01

Lifebuoy Ring

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



Code	Weight	Volume	Exterior	Interior
	(kg)	(m^3)	(Ø mm)	(Ø mm)
13013690	2.0	0.06	700	460

Lifebuoy Ring Holder

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



Code	Material	Weight	Volume
		(kg)	(m^3)
00194010-1	Aluminum	0.4	0.09

Lifebuoy Ring Holder

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



Code	Material	Weight	Volume
		(kg)	(m^3)
00194010	AISI 304	0.7	0.09

Lifebuoy Hook

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

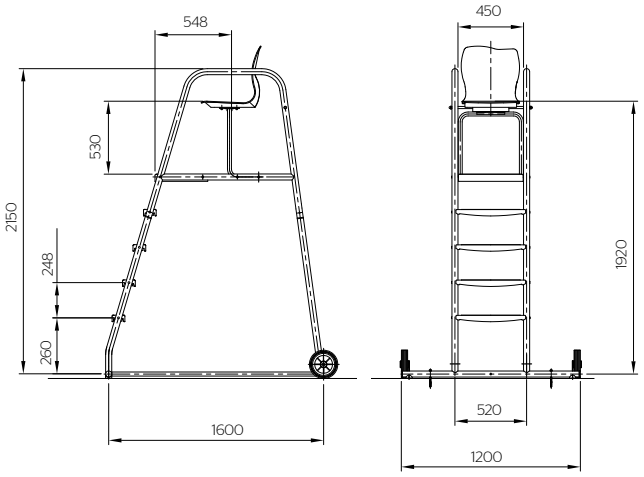


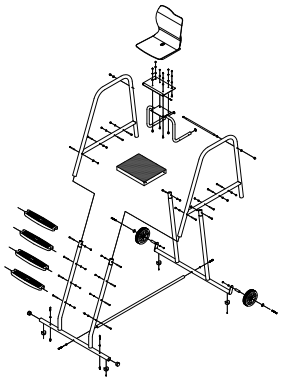
Code	Material	Weight	Volume
		(kg)	(m^3)
00194011	AISI 304	1.46	0.03

Lifeguard Chair

Made of stainless steel AISI 304, 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 316 on request.



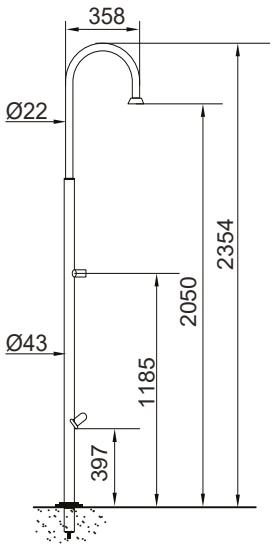




Code	Description	Height
		(m)
13077010	Atecpool Lifeguard Chair in AISI 304	1.8
13077010-1	Atecpool Lifeguard Chair in AISI 316, wheel locking, umbrella provision	1.8

Atecpool Shower & Curtains
Stainless Steel





Standard Shower Single Head

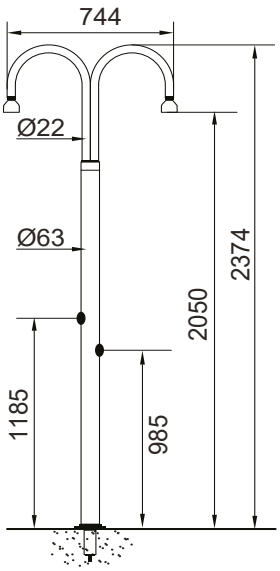
With Feetwasher

Specifications

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

Code	Type	Weight	Volume
		(kg)	(m³)
00127040	Manual	5.1	0.04





Shower Double Head

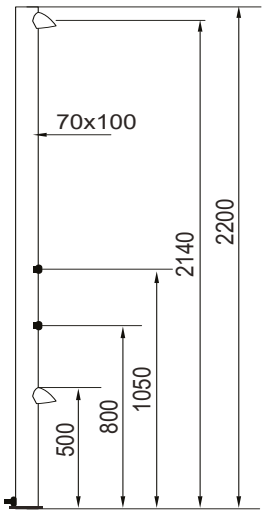
With Feetwasher auto & manual

Specifications

- Stainless steel tube AISI 304L Ø63 mm
- Taps: Independent automatic valve, chrome-plated with trims

Code	Type	Weight	Volume
		(kg)	(m³)
00126042	Manual	8.0	0.05
00127042	Automatic	8.0	0.05





Oval Shower

With Feetwasher

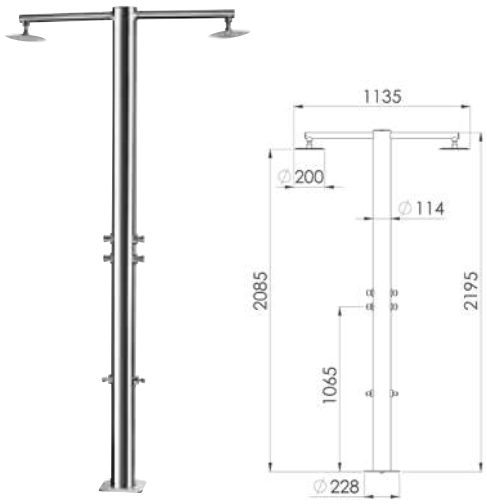
Specifications

- Stainless steel tube AISI 304L Ø84 mm
- Shower taps: chrome-plated automatic valve w/ trims
- Feetwasher: Taps chrome-plated automatic valve with trim

Code	Type	Weight	Volume
		(kg)	(m³)
00126045	Automatic	12	0.083

Atecpool Shower & Curtains
Stainless Steel

Nettuno Luxury Shower

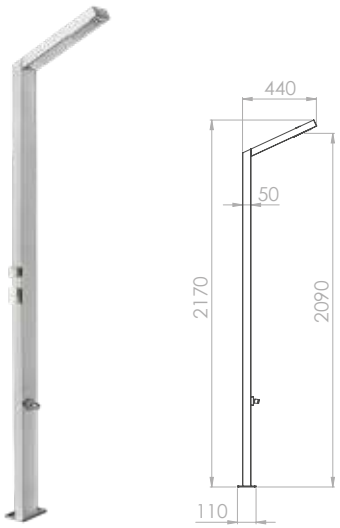


Specifications

- Stainless steel AISI 316L, 2 mm thickness.
- Variations: temporized tap, shower head 200 mm diameter in stainless steel AISI 304 with silicone antilimestone rubber, foot washer with aerator.

Code	Type	Weight	Volume
		(kg)	(m^3)
00126039	Nettuno Shower	29	0.05

Saturno Luxury Shower

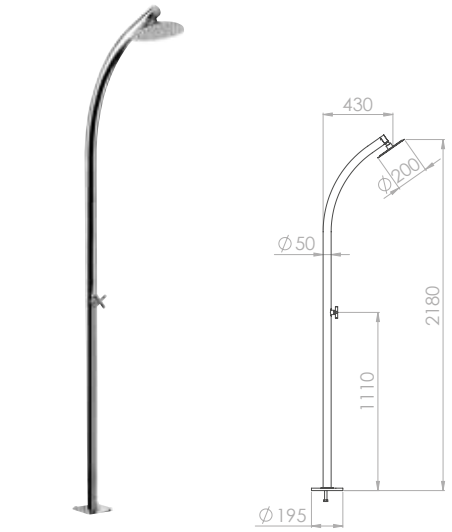


Specifications

- Stainless steel AISI 316L, 2 mm thickness.
- Variations: lateral or frontal mixer tap, recessed showerhead in stainless steel with silicone anti-limestone rubber, foot washer with aerator, and a diverter.

Code	Type	Weight	Volume
		(kg)	(m^3)
00126047	Saturno Shower	11	0.05

Hera Luxury Shower

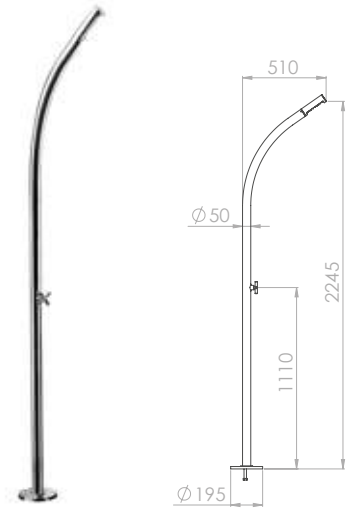


Specifications

- Stainless steel AISI 316L, mirror polished, 2 mm thickness.
- Variations: Screw stopcock or temporized tap, 200mm diameter shower head in stainless steel AISI 304 with silicone anti-limestone rubber or recessed shower head.

Code	Type	Weight	Volume
		(kg)	(m^3)
00126049	Hera Shower	10	0.05

Hera Rece Luxury Shower



Specifications

- Shower with recessed shower head AISI 316L stainless steel column glossy, 2 mm thick.
- Recessed shower top.
- Vitone tap Water lace 1/2".

Code	Type	Weight	Volume
		(kg)	(m^3)
00126048	Hera Rece Shower	10	0.05

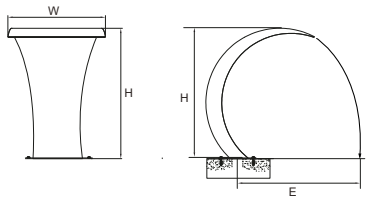
Ornamental Water Features
Water Curtains

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 mat or mirror polished finish. Selection of pump based on the flow mentioned.

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

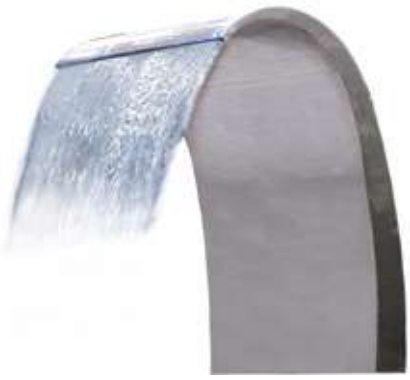
Water Curtain Bali

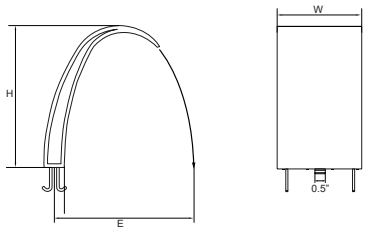




Code	Flow	Height	Width	Distance
AISI 316	(m³)	H (mm)	W (mm)	E (mm)
0124040	16	400	400	420
0125050	18	500	500	440
0126060	21	600	600	550
0126070	21	700	600	630
0126080	21	800	600	840
0126090	21	900	600	880
01260100	21	1000	600	910
01260120	21	1200	600	970
01260140	21	1400	600	1030

Water Curtain Classy

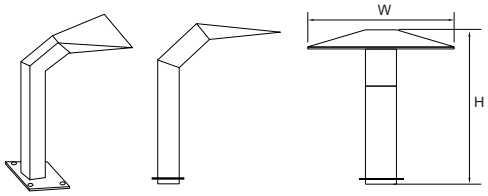




Code	Flow	Height	Width	Distance
AISI 316	(m³)	H (mm)	W (mm)	E (mm)
0176060	21	600	600	560
0176070	21	700	600	680
0176080	21	800	600	840
0176090	21	900	600	990
01760100	21	1000	600	1210
01760120	21	1200	600	1400
01760140	21	1400	600	1580

Water Curtain Straight





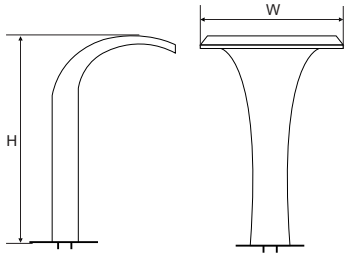
Code	Flow	Height	Width
	(m³)	H (mm)	W (mm)
0186060	18	600	500
0186070	18	700	500
0186080	18	800	500
0186090	21	900	600
01860100	21	1000	600
01860120	21	1200	600

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".



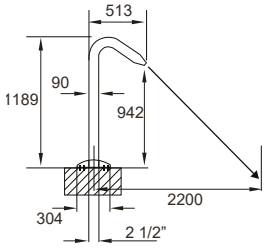


Code	Flow	Height	Width
	(m^3)	H (mm)	W (mm)
0136080	21	800	600
0136090	21	900	600
01360100	21	1000	600
01360120	21	1200	600
01360140	21	1400	600

Cannon Jet Capri

Made of AISI 316 stainless steel with circular nozzle-type mouth for maximum pressure, anchors required.



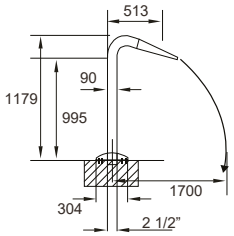


Code	Flow rate	Weight	Volume
AISI 316	(m^3/h)	(kg)	(m^3)
14200029	20	0.8	0.005

Cannon Jet Capri Flat

Made of AISI 316 stainless steel with flat mouth, anchors required.



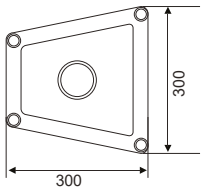


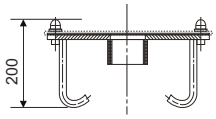
Code	Flow rate	Weight	Volume
AISI 316	(m^3/h)	(kg)	(m^3)
14200030	22	0.8	0.005

Anchor for Water Curtain

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





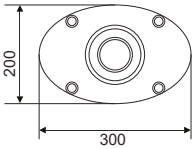


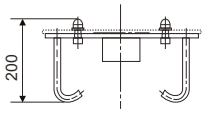
Code	Connection	Weight	Water Curtain Width
AISI 316	(inch)	(kg)	(mm)
1420020-1	1.5	4.25	400
1420020-2	2	4.75	500 / 600

Anchor for Cannon Jet

Anchor in AISI 316 stainless steel. Female connection 2.5". Used with Cannon Jet Capri and Capri Flat.







Code	Connection	Weight	Volume
	(inch)	(Kg)	(m^3)
14200028	2.5	3.25	0.018

Ornamental Water Feature
Waterfall Collection

Waterfall Collection

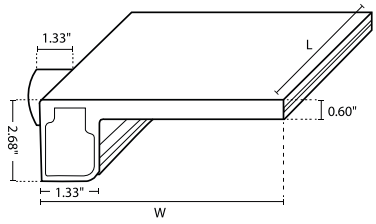
The Atecpool Waterfall collection is an elegant addition to your new or remodeled pool or spa. With our Waterfall Collection, you can add a peaceful atmosphere to your pool or a bold looking water feature that brings excitement & uniqueness to your project. The Waterfall Collection includes 4 types: Classic Waterfall, Arch Waterfall, Rainfalls & Streamfalls.

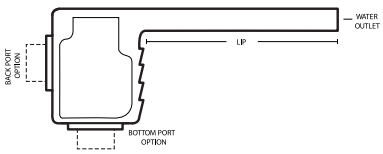
Classic Waterfall



Specifications

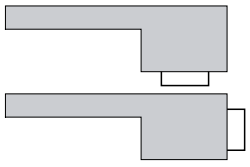
- Construction in heavy-duty PVC.
- Selected lip sizes can be radius curve cut.
- Available in clear, gray & tan color options on request.
- Both rear & bottom inlet options available.
- Various size options, up to 5 ft. length.



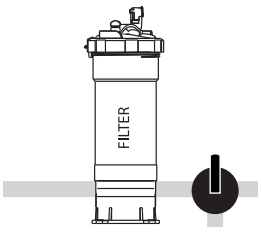




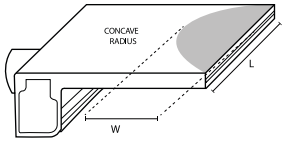
Color		Description	Result at 1 Meter Height	Width	Length
Rear Inlet	Bottom Inlet		GPM / Projection	(inches)	(inches)
4600-1201	4601-1201	12" waterfall with 1" lip	12 gpm / 14"	3.15"	12.36"
4600-1206	4601-1206	12" waterfall with 6" lip		8.07"	
4600-1209	4601-1209	12" waterfall with 9" lip		11.07"	
4600-1212	4601-1212	12" waterfall with 12" lip		14.07"	
4600-1801	4601-1801	18" waterfall with 1" lip	18 gpm / 12"	3.15"	18.23"
4600-1806	4601-1806	18" waterfall with 6" lip		8.07"	
4600-1809	4601-1809	18" waterfall with 9" lip		11.07"	
4600-1812	4601-1812	18" waterfall with 12" lip		14.07"	
4600-2401	4601-2401	24" waterfall with 1" lip	24 gpm / 13"	3.15"	24.13"
4600-2406	4601-2406	24" waterfall with 6" lip		8.07"	
4600-2409	4601-2409	24" waterfall with 9" lip		11.07"	
4600-2412	4601-2412	24" waterfall with 12" lip		14.07"	
4600-3601	4601-3601	36" waterfall with 1" lip	36 gpm / 13"	3.15"	35.67"
4600-3606	4601-3606	36" waterfall with 6" lip		8.07"	
4600-3609	4601-3609	36" waterfall with 9" lip		11.07"	
4600-3612	4601-3612	36" waterfall with 12" lip		14.07"	
4600-4801	4601-4801	48" waterfall with 1" lip	48 gpm / 17"	3.15"	47.36"
4600-4806	4601-4806	48" waterfall with 6" lip		8.07"	
4600-4809	4601-4809	48" waterfall with 9" lip		11.07"	
4600-4812	4601-4812	48" waterfall with 12" lip		14.07"	
4600-6001	-	60" waterfall with 1" lip	60 gpm / 18"	3.15"	59.88"
4600-6006	-	60" waterfall with 6" lip		8.07"	
4600-6009	-	60" waterfall with 9" lip		11.07"	
4600-6012	-	60" waterfall with 12" lip		14.07"	



Back or Bottom Port



Filtered Water Only



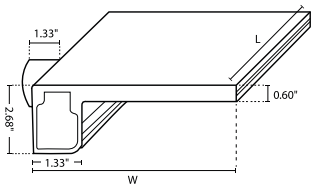
Radius Cut Compatible

Important: Atecpool waterfalls are to be used only with filtered water

Ornamental Water Feature
Waterfall Collection

Arch Waterfall

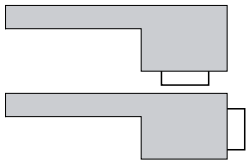




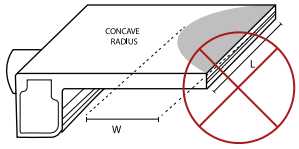
Specifications

- Construction in Heavy-duty PVC.
- Arch Flow Style.
- Both Rear & Bottom inlet options available.
- Various size options, up to 4 ft. length.

Colour		Description	Result at 1 Meter Height	Width	Length
Rear Inlet	Bottom Inlet		GPM / Projection	(W)	(L)
4700-1201	4701-1201	12" waterfall with 1" lip		3.15"	
4700-1206	4701-1206	12" waterfall with 6" lip	14 gpm / 17"	8.07"	12.6"
4700-1209	-	12" waterfall with 9" lip		14.07"	
4700-1801	4701-1801	18" waterfall with 1" lip		3.15"	
4700-1806	4701-1806	18" waterfall with 6" lip	22 gpm / 17"	8.07"	18.5"
4700-1809	-	18" waterfall with 9" lip		14.07"	
4700-2401	4701-2401	24" waterfall with 1" lip		3.15"	
4700-2406	4701-2406	24" waterfall with 6" lip	26 gpm / 15"	8.07"	24.5"
4700-2409	-	24" waterfall with 9" lip		14.07"	
4700-3601	4701-3601	36" waterfall with 1" lip		3.15"	
4700-3606	4701-3606	36" waterfall with 6" lip	35 gpm / 15"	8.07"	35.18"
4700-3609	-	36" waterfall with 9" lip		14.07"	
4700-4801	4701-4801	48" waterfall with 1" lip		3.15"	
4700-4806	4701-4806	48" waterfall with 6" lip	43 gpm / 12"	8.07"	47.18"
4700-4809	-	48" waterfall with 9" lip		14.07"	



Back or Bottom Port



Radius Cut Not Compatible

Important: Atecpool waterfalls are to be used only with filtered water

Rain Waterfall



Colour		Description	Result at 1 Meter Height	Width	Length
Rear Inlet	Bottom Inlet		GPM / Projection	(inches)	(inches)
4800-1206	4801-1206	12" waterfall with 6" lip		8.07"	
4800-1209	4801-1209	12" waterfall with 9" lip	10 gpm / 22"	11.07"	12.75"
4800-1212	-	12" waterfall with 12" lip		14.07"	
4800-2406	4801-2406	24" waterfall with 6" lip		8.07"	
4800-2409	4801-2409	24" waterfall with 9" lip	23 gpm / 18"	11.07"	24.25"
4800-2412	-	24" waterfall with 12" lip		14.07"	
4800-3606	4801-3606	36" waterfall with 6" lip		8.15"	
4800-3609	4801-3609	36" waterfall with 9" lip	32 gpm / 18"	11.07"	35.875"
4800-3612	-	36" waterfall with 12" lip		14.07"	
4800-4806	4801-4806	48" waterfall with 6" lip		8.07"	
4800-4809	4801-4809	48" waterfall with 9" lip	43 gpm / 20"	11.07"	50.25"
4800-4812	-	48" waterfall with 12" lip		14.07"	

Specifications

- Construction in heavy-duty PVC.
- Clear lip face to blend with the surrounding.
- Two rows of water streams.
- 1.5" Spigot, Back-Feed.
- Various size options, up to 4 ft. length.

Streamfalls



Colour	Description	Result at 1 Meter Height	Width	Length
Rear Inlet		GPM / Projection	(inches)	(inches)
4900-1206	12" waterfall with 6" lip		8.07"	
4900-1209	12" waterfall with 9" lip	10 gpm / 19"	11.07"	12.75"
4900-1212	12" waterfall with 12" lip		14.07"	
4900-1801	18" waterfall with 6" lip		8.07"	
4900-1806	18" waterfall with 9" lip	10 gpm / 16"	11.07"	18.5"
4900-1809	18" waterfall with 12" lip		14.07"	
4900-2401	24" waterfall with 6" lip		8.07"	
4900-2406	24" waterfall with 9" lip	15 gpm / 15"	11.07"	24.5"
4900-2409	24" waterfall with 12" lip		14.07"	
4900-3601	36" waterfall with 6" lip		8.07"	
4900-3606	36" waterfall with 9" lip	21 gpm / 15"	11.07"	36.12"
4900-3609	36" waterfall with 12" lip		14.07"	
4900-4801	48" waterfall with 6" lip		8.07"	
4900-4806	48" waterfall with 9" lip	35 gpm / 20"	11.07"	47.8"
4900-4809	48" waterfall with 12" lip		14.07"	

Specifications

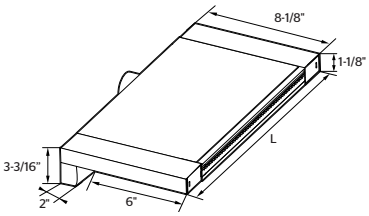
- Construction in heavy-duty PVC.
- Multiple miniature sheer streams.
- Bigger openings prevent clogging.
- 1.5" Spigot, Back-Feed.
- Selected lip sizes can be radius curve cut.
- Various size options, up to 4 ft. length.

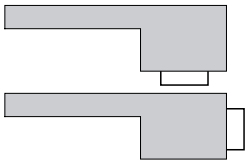
Ornamental Water Feature
LED Waterfalls

LED Waterfalls

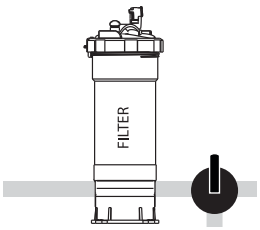
The LED Waterfalls are the premier lighted waterfalls in the pool industry. The LED Strip is built into the unit (instead of using external fiber optics), placing the light as close to the water as possible. Amazingly, this impeccable LED does not need any external accent light source.







Back or Bottom Port



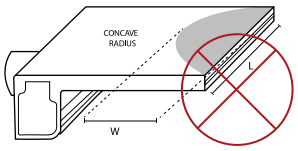
Filtered Water Only

Features

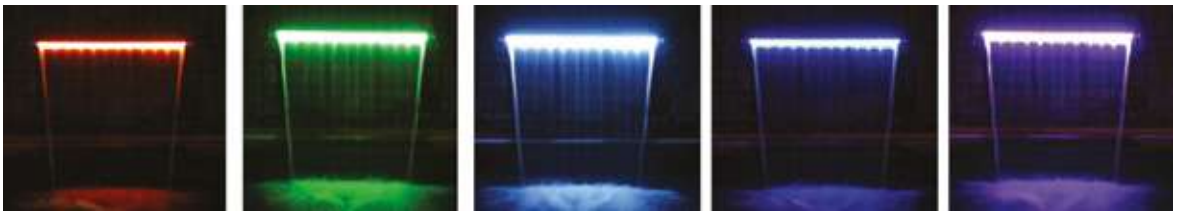
- Easy service of LED light – front side
- Extra durable LED strip
- Various light shows & bright LED Colors
- Various size options, up to 6 ft. length
- Unique saw tooth lip design – enhances light color

Specifications

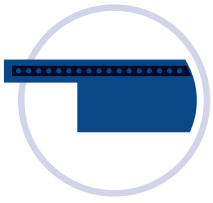
- 10W per ft. / 12V
- 1.5" Spigot plumbing
- **Standard 6" Lip (cannot modify)**
- Control options – Brilliant Sync / 100W Color wheel



Radius Cut Not Compatible



Every LED Waterfall Includes



1 Waterfall Unit



1 Rock Trap



30.5 M. Cable



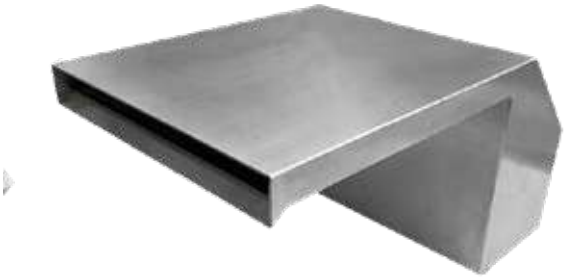
To be purchased separately

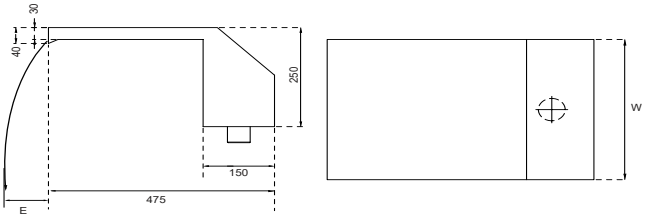
Colour		Description	No. of Ports	Width	Length	Flow Rate
Rear Inlet	Bottom Inlet			(inches)	(inches)	m³/h
5600-1201	5600-1202	12" LED Waterfall	1	8-1/8"	16.43"	2.73 – 3.14
5600-1801	5600-1802	18" LED Waterfall	1	8-1/8"	22.29"	4.09 – 5.11
5600-2401	5600-2402	24" LED Waterfall	1	8-1/8"	28.83"	5.45 – 6.81
5600-3601	5600-3602	36" LED Waterfall	1	8-1/8"	41.23"	5.91 – 10.22
5600-4801	5600-4802	48" LED Waterfall	2	8-1/8"	53.63"	10.90 – 13.63
5600-6001	5600-6002	60" LED Waterfall	2	8-1/8"	65.94"	13.63 – 17.03
5600-7201	5600-7202	72" LED Waterfall	2	8-1/8"	75.44"	15.90 – 19.31

Ornamental Water Feature
Stainless Steel Waterfalls

Waterfall AISI 316

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

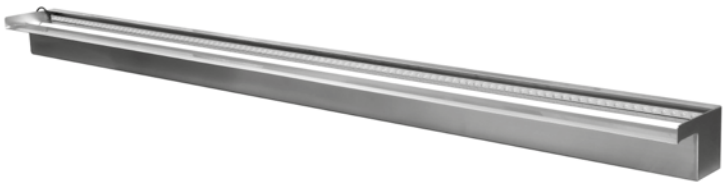




Code	Width	Connection	Distance	Flow Rate	Weight
	(mm)	(inches)	E (mm)	(m^3/h)	(kg)
14200023	300	1.5"	270	7	6.9
14200024	600	2"	250	10	11.9
14200025	900	2.5"	260	17	16.9

Stainless Steel Waterfalls

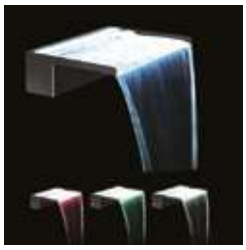
Stainless Steel AISI 316 sheer descent creating stunning water blades. Can be installed indoor or outdoor. Stainless Steel Waterfalls are easy to install, durable and custom made. Either recessed into the wall or protruded outside. Stainless steel water blades creates water curtain effects, optional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



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.







ColorWheel LED Waterfall Control

LED Waterfalls Control & Accessories

ColorWheel LED Waterfall Control



Fully Programmable Controller

Use the remote control to save and recall your favourite colors & shows at any point in time.

Total Dimming & Color Control

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

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







Features

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

Ornamental Water Features
LED Laminars

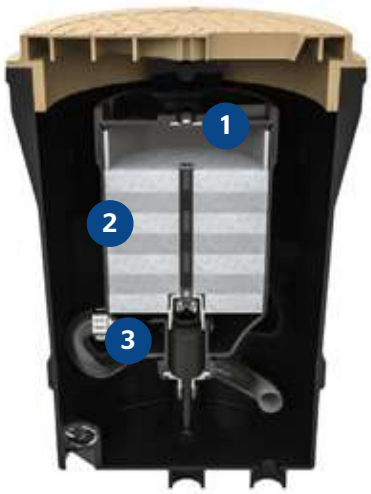
LED Laminars

LED Laminar fountain are an elegant water feature that create a sleek glass rod water effect with LED Light projection. Engineered for perfection, the LED Laminar is an exceptional water feature.

Specifications

- Bright impressive RGBW LED Lights.
- AISI 316 Stainless Steel Nozzle.
- Quick & easy install, clean & service.
- Can be installed in pool deck or landscaping areas.





12" LED Bubbler Cross Section View

1 Stainless Steel Precision Nozzle

A high performance stainless steel nozzle, the premier choice for quality and durability

2 Premier Filter Media

Six layers of soft and safe filtration media that are easy to clean and inexpensive to replace.

3 Tangential Flow Engineering

Precisely engineered flow minimizes turbulence for a glass-like laminar flow, increasing light transfer and minimizing water entry splash.

4 Beam-focusing Lens

Our unique beam-focusing lens design places the light source closer to the laminar nozzle, concentrating every photon for maximum LED light transfer and eye popping brightness.

5 IP68 Waterproof Quick Disconnect

Absolutely the easiest LED laminar light to install and service. For the first time ever, you can use the quick-disconnect cord.





Specifications

- 8W Multi-Colour LED Light.
- 30 Meter long cable with IP68 disconnect.
- 12V AC Transformer required (not included)
- No fixtures or grounding required.
- Maximum surge height is 2.13 m.
- Standard LED Laminar includes nine different colours, five light shows.
- Maximum surge distance is 2.44 Meter.
- Adjustable vertically up to 30° in 5° increments.
- Adjustable horizontally – Full Range.

Code	Description
6600-12	12" LED Laminar

Installation Specifications

- Ships fully assembled
- Maximum stream height 7 feet
- Maximum stream distance 8 feet
- Vertical adjustable up to 30 degrees in
- 5 degree increments
- Full range of horizontal adjustability
- Deck or landscaping installation



Ornamental Water Features
Adjustable Deck Jets

Adjustable Deck Jets

The deck fountain that can be adjusted at the nozzle while running. Simply set the water flow at the pump as per requirement and fine tune with the adjustable nozzle which is built into the deck fountain. Designed and engineered with perfection for easy installation and stress free use in residential and commercial pools. Multiple plumbing options for easier installation.

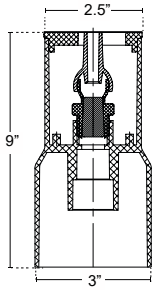
This water feature has an eyeball nozzle hidden from view by a decorative cap. 3-5 GPM creates a stream up to 10 feet high.



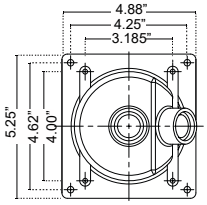
Specifications

- Includes body, movable adjustable & four decorative caps (white, black, gray, tan)
- Individually packaged
- 4" hole size
- Cap size is 2.5" diameter
- ¾" Water line (adjustable)
- To regulate, first control the flow with a ball valve, then fine tune at the nozzle

	3 GPM	4 GPM	5 GPM
Head	3.9 ft.	7.9 ft.	11 ft.
Height	3 ft.	6.5 ft.	10 ft.



Deck Jet Dimensions



Wall Jet Bottom Dimensions

Code	Description	
7600-01	Adjustable Deck Jet Assembly with 4 Decorative Caps	-
7600-02	Adjustable Deck Jet Assembly with Brass Decorative Cover	-
7600-103	Round Deck Jet Cover	White
7600-104	Round Deck Jet Cover	Gray
7600-105	Round Deck Jet Cover	Black
7600-106	Round Deck Jet Cover	Tan
7600-107	Round Deck Jet Cover	Brass

* Deck Wrench Included with both above models.





Adjustable Brass Deck Jet

This Adjustable Brass Deck Jet projects a very elegant two-tier water effect. It has adjustable angle, adjustable flow & it is compatible with interchangeable nozzles.





Specifications

- Solid Brass Nozzle & Face
- Simple to Install & Operate
- Adjustable Direction & Flow
- Beautiful Fountain Effect

Code	Description
8600-01	Adjustable Brass Deck Jet Square Face with Flange
8600-02	Adjustable Brass Deck Jet Square Face Flangeless
8600-03	Adjustable Brass Deck Jet Round Face with Flange
8600-04	Adjustable Brass Deck Jet Round Face with Flangeless
8600-011	Interchangeable 5 Set Nozzles (Black Colour)

Ornamental Water Features
LED Bubblers

LED Bubblers

LED Bubblers is an impressive water feature which shoots beautiful streams of water into the air in a striking display of LED colours. An excellent water feature for beach entries, ponds, fountains and many more possibilities. This bubbler can be installed in concrete, liner & fiberglass pools.





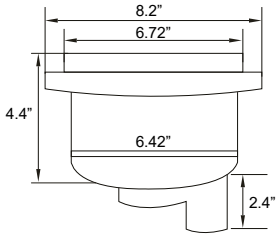
Features

- Very Bright & Efficient LED Light
- Uses 8W (4" Bubbler) & 20W (8" Bubbler) for high output LED performance
- Flush finish installation
- Totally serviceable from the top
- The LED light is 10 – 30 cm below water level
- Non-metallic design: no bonding, no grounding

Code	Description
9600-0402	4" LED Bubbler Body Kit for Concrete Pools
9600-0403	4" LED Bubbler Body Kit for Liner / Fiberglass Pools
9600-0801	8" LED Bubbler Full Set for Concrete Pools
9600-0803	8" LED Bubbler Body Kit for Liner Pools







8" LED Bubbler Dimensions

Specifications

- ¾" or ½" Adjustable Eyeball
- 10 - 40 GPM
- 12V AC

1 Beam-Focusing Lens

Our unique beam-focusing lens design focuses the light directly on the bubbler "flume," concentrating every photon for maximum LED light transfer and eye popping brightness.

2 Smart Sync™ Technology

Smart Sync programming to synchronize with lighting and controls from major pool OEMs.

3 IP68 Waterproof Quick Disconnect

Use the waterproof quick-disconnect cord to remove the light module for service or winterization without pulling up to 150 feet of cord.

4 Minimalist, flush installation

The 4"/8" LED Bubbler installs flush with the pool floor in a gunite pool with the housing completely hidden from view for a clean installed appearance.

5 Directional Nozzle

Take control over flume direction, even on inclined beach entries. Every kit also includes nozzle reducers for perfect flow adjustment.

6 Gunite, Fiberglass & Vinyl Installation

Vinyl / Fiberglass kits are available in five different colors to match and complement any pool finish. Attaches using heavy duty brass inserts in the Bubbler body for a secure and durable installation.

Ornamental Water Features
Nozzle & Accessories

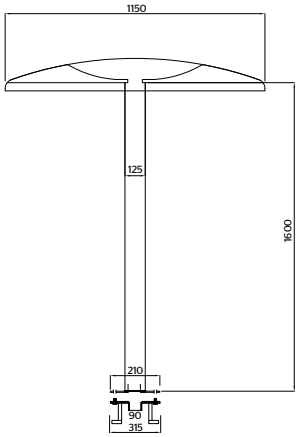


Mushroom Umbrella water feature

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 1/2"
- Water flow: 34 m³/h
- Recommended pump: 2.2 kW

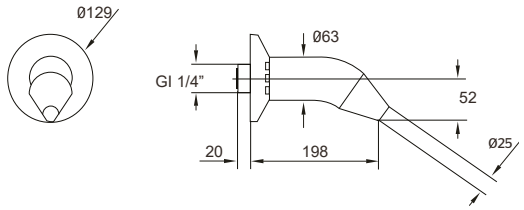


Code	Description	Weight
		(kg)
012997	Mushroom Waterfall w/ canopy polyester	40



Circular Nozzle

AISI 316 stainless steel. Female connection of 1 1/4". Recommended pump 0.55 kW

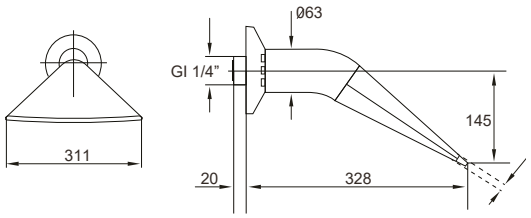


Code	Flow rate	Weight	Volume
AISI 316	(m³/h)	(kg)	(m³)
14200034	12	0.8	0.005



Flat Nozzle

AISI 316 stainless steel. Female connection of 1 1/4". Recommended pump 0.75 kW



Code	Flow rate	Weight	Volume
AISI 316	(m³/h)	(kg)	(m³)
14200035	20	2.10	0.04

Pool Bikes
Athletics Swimming Pool Bikes

Atecpool Inobike

The fixed dual resistance system (blades + pedals) make the Inobike the ideal bike for cardio exercises.

Specifications

- 100% marine stainless steel (AISI 316L)
- Brushed steel with corrosion protection treatment
- Non-modifiable resistance thanks to the AquaSpeed 2 pedal design
- Flexible, anatomical design, comfortable to sit on and easy to maintain
- Stainless steel ball bearings and sealing rings
- Ergonomic design with non-scratch handles
- Height and depth adjustments for handlebars and saddle in front of and behind overlaps
- Stainless steel ball bearings on white non-scratch wheels, easy movement
- White non-scratch stability pads
- Adapted to all coatings (liner, PVC, tiles, casing, polyester, etc.)
- Suitable for thermal water, seawater and chlorinated water
- Innovative click & turn system for a vertical position, prevents injury
- Min. dimensions: L 55cm x W 96cm x H 120cm
- Max. dimensions: L 55cm x W 120cm x H 164cm
- Depth 1.10m to 1.60m









Code	Description	Weight	Volume
		(kg)	(m^3)
012555	Atecpool Inobike	21	1.08

Atecpool Fitpool

The Fitpool is an innovative self-supporting pool that can be easily dismantled, since it combines the simplicity of installation of a spa with aquafitness equipment: the Inobike. Special design for aquabiking. No bike is included*.









Features

- Easy installation in 35 mins
- LED lighting
- Filtration pump
- Isothermal cover included
- Ladder included
- Dimension L. 184 x W. 184 x H. 127 cm

Code	Description	Volume
		(m^3)
012666	Atecpool Fitpool	4.2

*Atecpool Inobike is suitable for Atecpool Fitpool

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	22 (end cut type)	295	10
01593735	24	195	10
01593740	24	245	10
01593745	24	295	10
01593747	30	195	10
01593748	30	245	10
01593749	30	295	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 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

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.



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	Length	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

45º 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

90º Corner Tiles

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



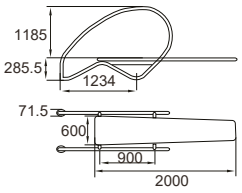
Code	Height	Width	Unit
	(mm)	(mm)	
01596195-1	24	200	1
01596245-1	24	250	1
01596295-1	24	295	1

Diving Boards & Slides

Flexible Diving Board with Rails

Diving board made of fiberglass and polyester with rails and support in polished stainless steel. 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. Length 2 m. Width 0.60m

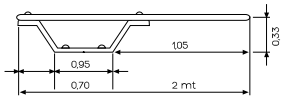




Code	Dimensions	Weight	Volume
	(m)	(kg)	(m^3)
00199024	L: 2m / W: 0.60m	50	1.585

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.



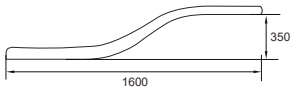


Code	Description	Dimensions		Weight
		Length	Width	(kg)
00190018	Atecpool Diving Board with Base L: 2.0, W:0.39 M	2000 mm	390 mm	29
00190119	Atecpool Diving Board with Base L: 4.0, W:0.39 M	4000 mm	390 mm	50

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



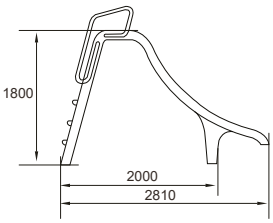


Code	Dimensions	Weight	Volume
	(m)	(kg)	(m^3)
00190020	L: 1.60m / W: 0,39m	12.3	0.14

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.



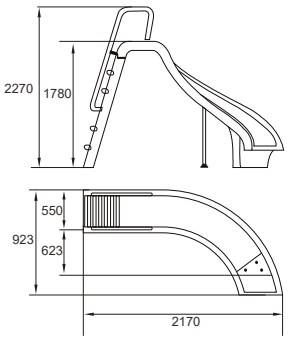


Code	Height	Weight	Volume
	(mm)	(kg)	(m^3)
00109008	1500	62	1.214
00109003	1800	70	1.37

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)	(m^3)
00109004	Right Curved Slide	83	2.89
00109005	Left Curved Slide	83	2.89

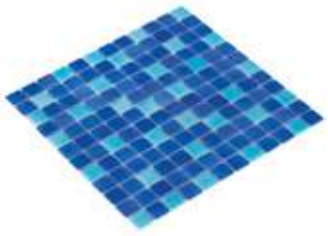
Pool Lining
Glass Mosaic Tiles

Glass Mosaic Tiles

Glass Mosaic tiles are extremely resistant and ductile, they adapts perfectly to surfaces. Guarantees unmatched results over the long term and offers great savings in terms of time and money in both installation and repair.

Specifications

- Product Size: 25 x 25 mm
- Mesh back
- Thickness : 4.5 mm
- Sheet Size : 315 x 315 mm



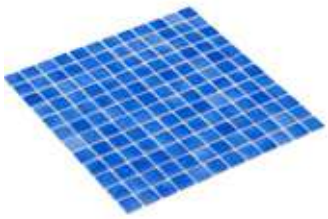
Code: 211 Glass Mosaic
25 x 25 mm



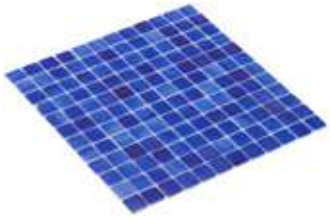
Code: 210 Glass Mosaic
25 x 25 mm



Code: 213 Glass Mosaic
25 x 25 mm



Code: 217 Glass Mosaic
25 x 25 mm



Code: 220 Glass Mosaic
25 x 25 mm



Code: 221 Glass Mosaic
25 x 25 m

Antislip Edge Pool Tiles

Edge tiles and adjacent tiles for pool edge finishing. Handle edge tiles give an option for grabbing to the pool side for swimmers.



Handle Pool Edge Tile

Code: 307 Edge Tile
Size (LxWxT): 245x125x20 mm



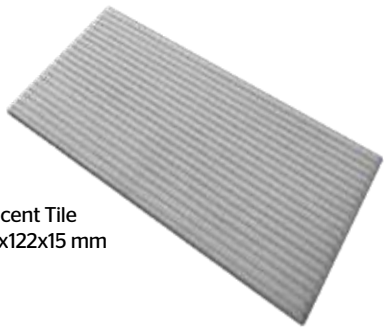
Handle Pool Edge Tile

Code: 306 Edge Tile
Size (LxWxT): 245x125x20 mm



Adjacent Tile

Code: 313 Adjacent Tile
Size (LxWxT): 245x122x15 mm



Adjacent Tile

Code: 315 Adjacent Tile
Size (LxWxT): 245x122x15 mm

Pool Lining
PVC Liners

PVC Liners

Atecpool Special PVC Liners have a soft and flexible PVC membrane of 1.5 mm reinforced with a polyester mesh, free of heavy metals and according to standard UNE 13956. It is manufactured exclusively from top quality virgin resins with guaranteed watertightness and an excellent finish, making it a top quality solution for all kinds of swimming pools.

PVC Liners are the best solution to guarantee perfect waterproofing and an excellent finish, thus allowing the rapid building of the swimming pool and lasting satisfaction.

Quality

Atecpool Special PVC Liners have high resistance to UV radiation and exhibit excellent behaviour with respect to chlorine and ageing. Atecpool PVC Liners have 10 years warranty.

Design

Atecpool Special PVC Liners comes in a complete range of colours, designs and finishes, including anti-slip material, liquid PVC, colaminated sheet, etc.

Easy to apply

Thanks to their adaptability, Atecpool Special PVC Liners can be used on any support: cement, timber, metal, etc.

MOST COMMON FINISHES	WIDTH	URE	ZERU	HONDAR	ELUR	GRESITE
PLAIN	1.65m	●	●	●	●	
PATTERNED	1.65m					●
ANTI-SLIP	1.65m	●	●	●	●	●
LIQUID PVC	1 LITRE CONTAINERS	●	●	●	●	

Packaging and storage

Supplied in rolls on cardboard tubing. Store in the original packaging in a dry and cool place in vertical position.

Colours	Dimensions	Rolls / Pallet	Storage
Various	1.60 x 25m (40m /roll)	12	Horizontally and in parallel (never crossed)

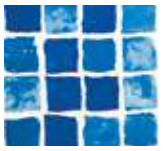
Property	Norms	Average data
Thickness (mm)	EN 1849-2	1.5 (+10/-5)%
Elongation (%)	EN 12311-2	≥ 15
Tensile Strength (N/mm²)	EN 12311-2	≥ 22
Tear Resistance (N)	EN 12310-2	≥ 200
Resistance to static punching (rigid support) (kg)	EN 12730-B	≥ 20
Joint peel resistance (N)	EN 12316-2	≥ 200
Joint shear resistance (LxT) (N/50mm)	EN 12316-2	L, T ≥ 1000
Accelerated light ageing	EN 1297	Pass
Cold bending (-25C°)	EN 495-5	No cracks
Dimensional stability after 6h at 80ºC (%)	EN 1107-2	≤ 0.5
Micro-organisms resistance	ASTM G 21-90	No growing
Resistance to hydrostatic pressure (6h at 0.5MPa)	EN 1928-B	Waterproof
Hail resistance (rigid support) (mm)	EN 13583	≥ 23

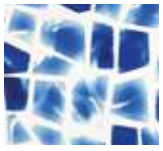

Ure

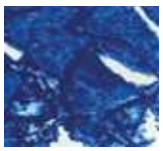

Zeru

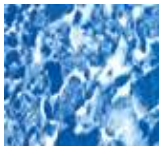

Hondar

Elur


Olatu


Zidor


Tirain


Olayo



POOL & SPA FITTINGS

ATECPOOL INTERNATIONAL GROUP

atecpool.com



ATECPOOL INTERNATIONAL GROUP

Pool & Spa Fittings



ATECPOOL provides vast range of swimming pool shell equipments in ABS, high quality stainless steel and poly-propyelene, 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
Standard Skimmer ABS

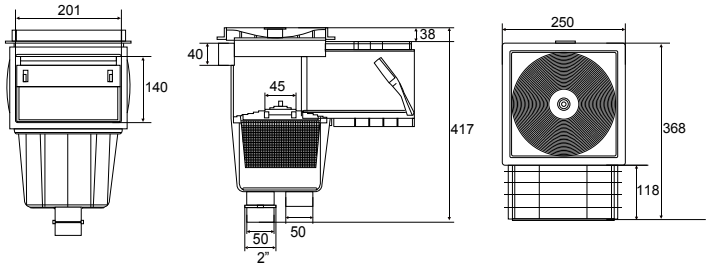
Standard Skimmer ABS

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



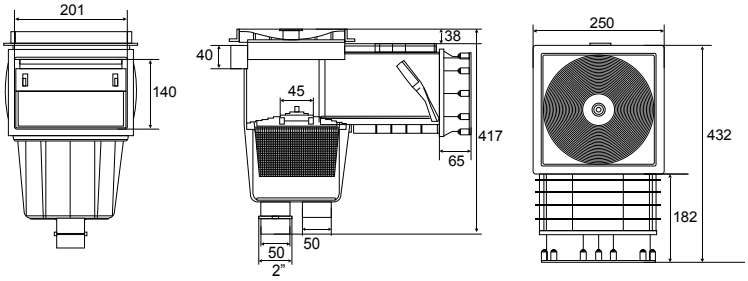
Code	Description	Weight	Volume
		(kg)	(m³)
01590010	Standard Skimmer ABS Concrete	3.15	0.047



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

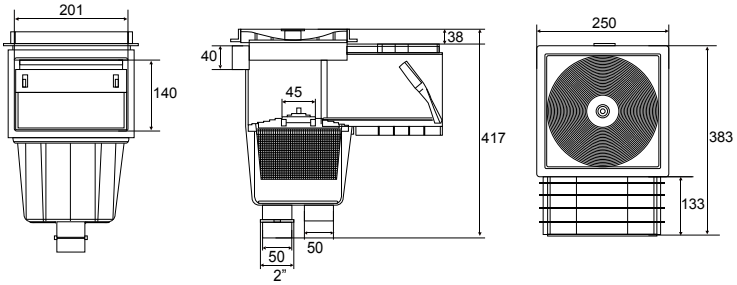


Standard Skimmer for Liner

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



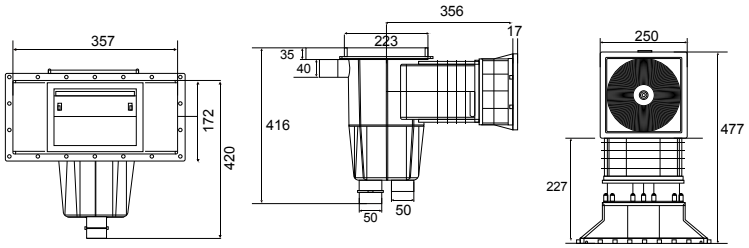
Pool Fittings
Wide Mouth Skimmer ABS

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



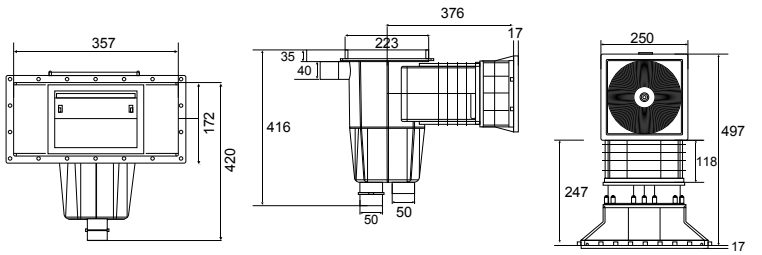


Code	Description	Weight	Volume
		(kg)	(m³)
01590020	Skimmer Wide Mouth ABS Concrete	4.47	0.12

Wide Mouth Skimmer for Liner

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



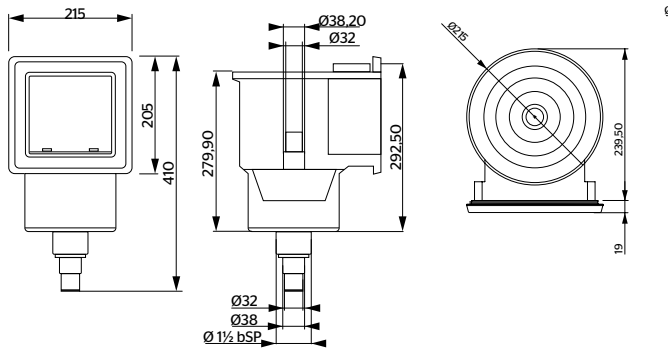


Code	Description	Weight	Volume
		(kg)	(m³)
01591022	Skimmer Wide Mouth ABS Liner	5.09	0.12

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

Pool Fittings
Euro Skimmer ABS

Atecpool Euro Skimmer ABS - Concrete and Liner

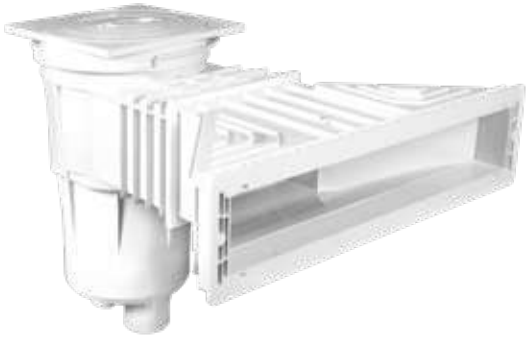
New range of skimmer 17.5L with recommended flow of 7.5 m^3/h. UV treated white ABS with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has an option of 3 connection sizes: 1$^{1/2}$" internal threaded, 2" threaded and 50mm diameter for gluing.

Overflow connection of 40mm diameter. For optimum results it is recommended to use 1 skimmer per 25m^2 of pool surface area.

Concrete: Euro ABS skimmer w/ Square Frame and round lid for concrete pool.

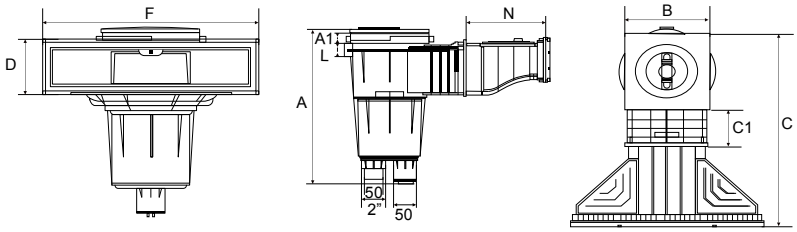
Liner: Euro ABS skimmer w/ Brass Inserts for screws, Square Frame and round lid for liner pool.

Skimmer for concrete



Skimmer for liner





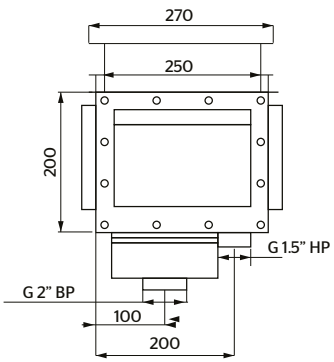
Code	Description	A	A1	B	C	C1	D	F	L	N	Weight	Volume
		(mm)									(kg)	(m^3)
0159222	Euro Skimmer ABS Concrete	470	44	250	620	120	137	551	32	250	5.3	0.183
0159227	Euro Skimmer ABS Liner	470	44	250	630	120	137	551	32	265	5.8	0.183

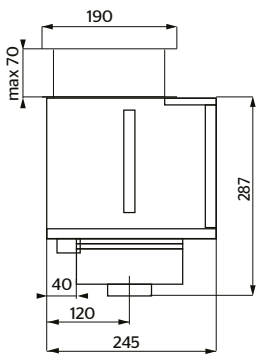
Skimmer AISI 316

Standard Skimmer AISI 316 - Concrete

Made of stainless steel AISI 316, standard skimmer has internal threaded connection of 2".
Recommended Flow is 8 m^3/hr. Available for concrete installation.

Code	Description	Weight	Volume
		(kg)	(m^3)
01592010	STD Skimmer AISI 316 Concrete	5.3	0.12







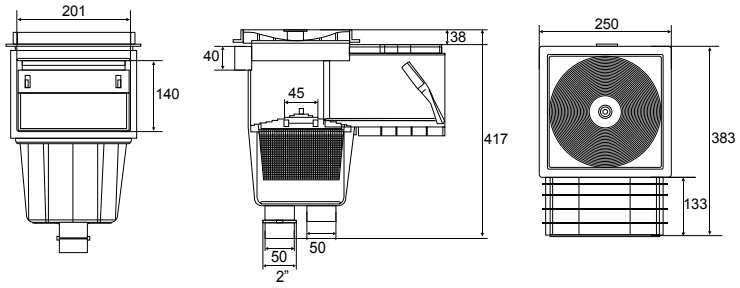


Pool Fittings
Skimmer AISI 316

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 1/2" 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.



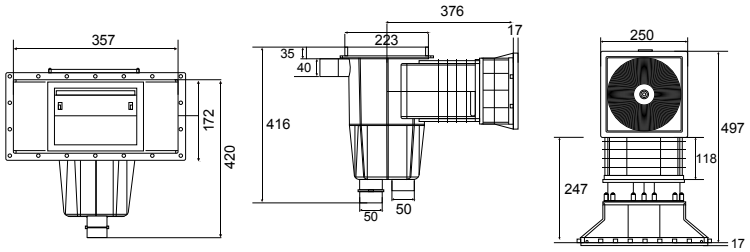


Code	Description	Weight	Volume
		(kg)	(m³)
015901010	Standard Skimmer ABS with SS Face plate concrete	3.75	0.062

Wide Mouth 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. Skimmer has 3 optional connections for bottom suction. 11/2" internal thread, 2" outer thread and Ø50mm inner wall for gluing. Recommended flow is 7.5m3/h.





Code	Description	Weight	Volume
		(kg)	(m³)
015901020	Wide Mouth Skimmer ABS with SS Face Plate Concrete	6.20	0.108

ABS Inlets



Return Inlet ABS Threaded

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 max. flow velocity 4m/s.

Code	Description	Std packing	Volume
			(m³)
01592828-2	Return Inlet ABS threaded	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

Pool Fittings
ABS Inlets

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

Suction Inlet ABS Threaded

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 1 1/2". Maximum pressure: 6 Bar



Code	Description	Std packing	Volume
			(m³)
01592827-2	Suction Inlet ABS threaded	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 1/2". 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 1/2". 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 1/2". 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
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 360º 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 360º 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)	(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)	(m³)
01592829	Wall Return Inlet ABS Slip Fit	12	0.020

NEW LINE

ATECPOOL HIGH QUALITY
Stainless Steel AISI 316

Find everything you would ever need for an adequate water circulation in your swimming pool.



Pool Fittings
SS Inlets

Return Inlet AISI 316

Direction-adjustable return inlet in polished stainless steel AISI 316 with outer thread 1½" and Ø20 mm eyeball.
Recommended flow: 4.5 m³/hr.



Code	Description	Length	Weight	Volume
		(mm)	(kg)	(m³)
01592858	Return Inlet AISI 316	50	0.30	0.001

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.



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.



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

Adjustable Floor Return Inlet

Adjustable Floor Return Inlet in chromed brass. 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.





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

Suction Inlet AISI 316

Suction inlet in polished stainless steel AISI 316 with outer thread 1 1/2". Length 50 mm, supplied with cover.



Code	Description	Length	Weight	Volume
		(mm)	(kg)	(m³)
01592860	Suction Inlet AISI 316	50	0.30	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.



Code	Description	Length	Weight	Volume
		(mm)	(kg)	(m³)
01592860-1	Suction Inlet threaded cover AISI 316	40	0.30	0.001

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 m^3/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

Anti-Vortex Main Drain

Circular main drain in UV treated white ABS Ø210 mm, 2" threaded side outlets, anti-vortex grill fitted with screws. Max flow rate 13 m^3/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 Main Drain Antivortex Concrete	1	0.6
03100257-1	Circular Main Drain Antivortex Liner	1	0.6



Square Main Drain

Square Main Drain in UV treated white ABS 210 x 210 mm, 2" threaded side outlets. Maximum Flow rate 13 m^3/hr. For liner model supplied with self-adhesive gaskets, flange and screws. Grille 175 x 175 mm.

Code	Description	Std packing	Weight
			(kg)
03100258	Square Main Drain Concrete	1	1
03100258-1	Square Main Drain Liner	1	1.2



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 m^3/hr.

Code	Description	Std packing	Weight
			(kg)
03100259S	Square Main Drain AISI 316	1	3

Drain Grilles



Circular Drain Grille ABS

Circular drain grille and ring support in white ABS. Ø200mm, supplied with fixing screws. Max flow rate 13 m^3/hr.

Code	Description	Size	Std packing	Weight
		(mm)		(kg)
10534100	Circular Drain Grille ABS	Ø200	1	0.3



Anti-Vortex Drain Grille ABS

Circular antivortex drain grille and in white ABS. Ø170mm. Maximum flow rate 12 m^3/hr.

Code	Description	Size	Std packing	Weight
		(mm)		(kg)
10532100	Antivortex Drain Grille ABS	Ø170	1	0.3



Circular Drain with S.S. Grille

Support ring in UV treated white ABS, circular grille Ø200mm made of stainless steel AISI 316. Supplied with grille fixing screws. Recommended flow rate 13 m^3/hr.

Code	Description	Size	Std packing	Weight
		(mm)		(kg)
10532116	Circular Drain with SS Grille	Ø200	1	1.2



Anti-Vortex Drain Grille AISI 316

Support ring and circular grille Ø220mm made of stainless steel AISI 316. Supplied with grille Ø185mm and fixing screws. Recommended flow rate 14 m^3/hr.

Code	Description	Size	Std packing	Weight
		(mm)		(kg)
10532115	Anti-Vortex Drain Grille AISI 316	Ø220	1	1.5

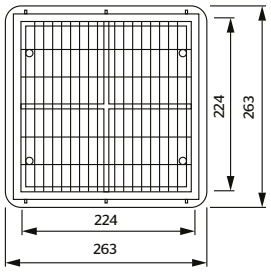
Pool Fittings
Anti-Suction Frame and Grate

Anti-Suction Frame and Grate ABS

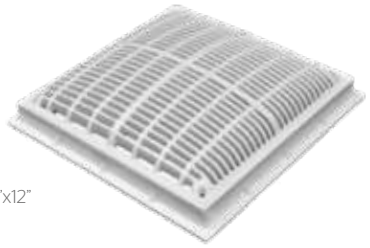
Square Frame and grate in UV treated white ABS for commercial pools. Available in three sizes.
Anti-Suction, curved surface design. VGB compliant and tested to ANSI/APSP-7, 2006 standards. Designed for surface suction velocity not exceeding 0.5 m/s.



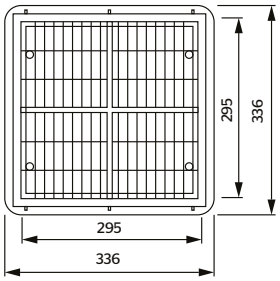
9"x9"







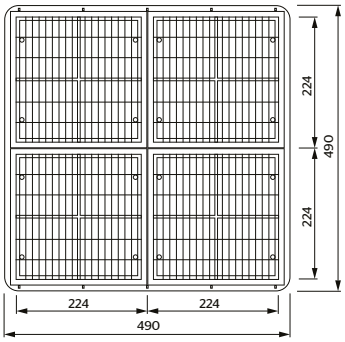
12"x12"







18"x18"





Code	Description	Flow Rate	Weight	Size	Volume
		(m^3/h)	(kg)	(mm)	(m^3)
01592813	Anti-Suction Frame & Grate 9"x9"	23	1.2	9"x9"	0.02
01592814	Anti-Suction Frame & Grate 12"x12"	56	1.6	12"x12"	0.02
01592815	Anti-Suction Frame & Grate 18"x18"	92	4.8	18"x18"	0.02



Frame and Grate ABS

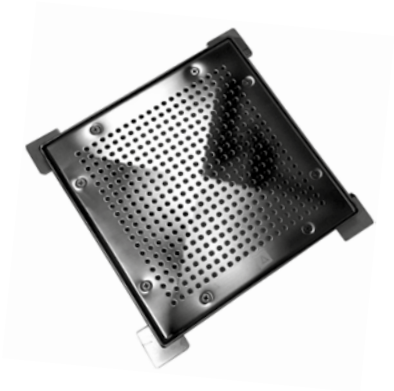
Square Frame and grate in UV treated white ABS for commercial pools. Available in two different sizes - 250 x 250 mm and 300 x 300 mm. Designed for surface suction velocity not exceeding 0.5 m/s.

Code	Description	Flow Rate	Weight	Size	Volume
		(m^3/h)	(kg)	(mm)	(m^3)
01592812	Frame & Grate 250 x 250	27	1.2	250 x 250	0.02
01592812-1	Frame & Grate 300 x 300	43	1.8	300 x 300	0.02

Pool Fittings
Anti-Suction Frames and Grates

Frame and Grate Stainless Steel

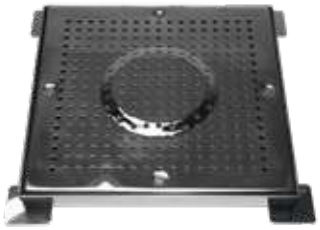
Square Frame and grate in polished Stainless steel AISI 316 for concrete pools. Available in four standard sizes, other sizes can be made upon request.



Code	Description	Flow Rate	Weight	Size	Volume
		(m^3/h)	(kg)	(mm)	(m^3)
10528901	SS Frame & Grate 250 x 250	27	1.5	250 x 250	0.0033
10528121	SS Frame & Grate 300 x 300	43	2.2	300 x 300	0.0041
10528181	SS Frame & Grate 400 x 400	83	4	400 x 400	0.0059
10528182	SS Frame & Grate 500 x 500	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.



Code	Description	Flow Rate	Weight	Size	Volume
		(m^3/h)	(kg)	(mm)	(m^3)
10528902	SS Frame & Grate AV 250 x 250	24	1.5	250 x 250	0.0033
10528130	SS Frame & Grate AV 300 x 300	41	2.2	300 x 300	0.0041
10528140	SS Frame & Grate AV 400 x 400	79	4	400 x 400	0.0059
10528150	SS Frame & Grate AV 500 x 500	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.



Code	Description	Flow Rate	Weight	Size	Volume
		(m^3/h)	(kg)	(mm)	(m^3)
10528122	Anti-Suction SS Frame & Grate 300 x 300	41	5.5	300 x 300	0.0041
10528183	Anti-Suction SS Frame & Grate 400 x 400	80	7.2	400 x 400	0.0059
10528185	Anti-Suction SS Frame & Grate 500 x 500	132	8.5	500 x 500	0.0100

Pool Fittings
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.



Wall Conduit ABS Threaded Concrete

Made of White 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 Threaded Liner

Made of White ABS, length 300mm. 2" female and male thread connection. Used with Liner fittings. 2 holes for taut positioning in the Liner pool.

Code	Description	Standard Packing	Weight
			(kg)
01592840	Wall Conduit 2" Threaded	12	3.0
01592840-1	Wall Conduit 63 MM Glue	12	3.0

Code	Description	Standard Packing	Weight
			(kg)
01592841	Wall Conduit white ABS Threaded for Concrete	12	3.0
01592841-1	Wall Conduit white ABS Threaded for Liner	12	3.0



Stainless Steel Wall Conduits

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

Code	Description	Standard Packing	Weight
			(kg)
01592865	Wall Conduit AISI 316 2" Threaded	1	3.0



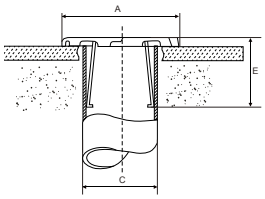
Overflow Gutter Drain AISI 316

Made of stainless steel AISI 316. 2" male connection.

Code	Description	Connections	Flow Rate	Weight	Volume
		(inch)	(m^3/h)	(kg)	(m^3)
03100282-1	Gutter Drain 2" AISI 316	2"	7	1.2	0.009



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



Code	Description	Dimensions		Connections	Flow Rate	Weight	Volume
		(mm)		(mm)	(m^3/h)	(kg)	(m^3)
		ØA	ØE	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 m^3/hr and 63mm with a flow rate of 7 m^3/hr.

Code	Description	Weight	Volume
		(kg)	(m^3)
01592820	Gutter Drain with SS Grille 50mm	0.5	0.0002
01592820-1	Gutter Drain with SS Grille 63mm	0.6	0.0002



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 or Ø63mm PN 10 pipe.

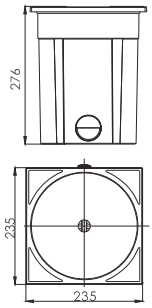
Code	Description	Standard Packing	Volume
			(m^3)
01592819	Overflow Gutter Drain 50 MM	12	0.016
01592819-1	Overflow Gutter Drain 63 MM	12	0.016

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)	(m^3)	
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 upto 50m with shielded cable. During wave movement , the integrated time delay prevents too short switching distances.



Code	Description	Power / Voltage / Phase	Dimension	Electrode Voltage
			(mm)	
01231609	Electronic Regulator w/ Solenoid Valve	0.9 kW / 230V / Mono / 5A	140x130x75	12V

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

Spa Fittings
Accessories

Adjustable Jet Ø50x50

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 stainless steel AISI 316 trim.



Code	Description	Weight	Volume	Std Packing
		(kg)	(m³)	
00590050	JET 50X50 ABS	6.92	0.027	25
00590057	JET 50X50 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. Ø1.5" water inlet and air inlet. Flow – 4 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 stainless steel 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

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



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.
1" threaded fitting made of white PVC with chrome plated front panel.

Code	Description	Weight	Volume	Std Packing
		(kg)	(m³)	
00590047	Adjustable Air Inlet Cr	0.55	0.028	10



Pneumatic Press Button

Used for starting and ending massage functions. Chrome plated front panel.

Code	Description	Weight	Volume	Std Packing
		(kg)	(m³)	
00590045	Pneumatic Press Button	0.52	0.078	10



Pneumatic Switch

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

Code	Description	Weight	Volume	Std Packing
		(kg)	(m³)	
00590049	Pneumatic Switch	0.53	0.0098	10

Spa Fittings
Accessories



Blower Nozzle

For air distribution into the SPA from air blowers. White plastic with 9 holes air jet with housing. Flow rate 4.5 to 5.4 m3/hr. Also available with stainless steel front panel.

Code	Description	Weight	Volume	Std Packing
		(kg)	(m^3)	
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)	(m^3)	
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





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)	(m^3)	
00590700	SPA Electronic Control Three Push Button	3.97	0.032	1





POOL LIGHTING

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

Underwater Lighting



ATECPOOL High quality LED underwater illumination for swimming pools, water features and spa. Advanced PWM enhanced IP68 lamps and excellent design combined with easy installation makes **ATECPOOL** underwater lights an excellent product. We nurture the latest technologies in pool lighting with lamps made fully resin filled, making them 100% waterproof. Our mission is energy efficient LEDs for a green planet 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 we stand out from the crowd..

ATECPOOL underwater LED illumination, is unrivaled in transforming your swimming pool lighting into visual illusion.

Atecpool EVA LED

Commercial & Sports Lighting







Designed for commercial pools, recreational pools, instruction pools and paddling pools.

Enjoy the power of LED
Super bright underwater lights

Atecpool EVA LED lighting models demonstrably 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.

Atecpool EVA LED
Commercial & Sports Lighting

Atecpool EVA A6 & EVA A12 LED Commercial Lighting

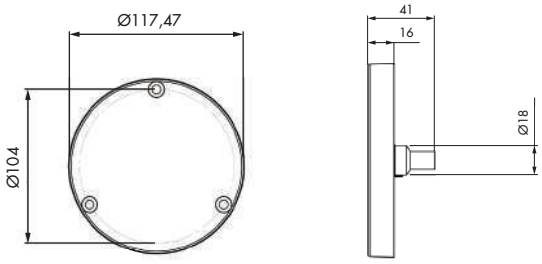
Atecpool EVA are high-quality LED solutions for commercial swimming pools and sports facilities, have been used in over 250 public swimming pools and 1000 residential pools around the world. Atecpool EVA LED lighting models demonstrably meet the international safety standard for underwater lighting IEC EN 60598-2-18. All EVA A6 and A12 LED light supply includes mono driver (power box A6 / A12 mono) for fixed colour and RGBW driver (power box A6 / A12 RGBW) for multi colour with a cable length of 10 meters.



EVA A6



EVA A12



Model	EVA A6 Fixed Colour	EVA A12 Fixed Colour	EVA A6 RGBW Multi Colour	EVA A12 RGBW Multi Colour
Code	71770	71790	71780	71793
Type of Light	IP68 LED underwater light			
Max. Energy consumption system	20 W	40 W	20 W Constant Output (10% tolerance) - IPC	40 W Constant Output (10% tolerance) - IPC
Colour Temperatures	Light colour to be determined through connection of wires, options: White, blue, sky blue (light blue), Mediterranean blue (green blue), green, red, purple, magenta, yellow, etc.		Multi -coloured light: • RGBW Red / Green / Blue / Daylight white (6500K) • RGBWW Red / Green / Blue / Warm white (2700K)	
Max. Water Temperature	50°C	40°C	50°C	40°C
Max. Installation depth	25 m			
Diameter	Ø 117 mm			
Depth Luminaire	17 mm			
Cable Length Luminaire	10 m (5x0.5 mm2)			
Safety Standard Compliancy	IEC EN 60598-2-18			
Driver input/output	100-240V AC / 24V DC			
Driving Technology	1-10V DC (dimming)		DMX 512 (colour mode, scenes, dimming, etc.)	
Protection Rating power box	IP65	IP65	IP65	IP65
Protections power supply	Short circuit, overload, overvoltage, SELV equiv., Class 2 output, double insulation.			
Max. cable length	100m. (7x4 mm2)		100m. (7x4 mm2)	
Working temperature	-20°C to +40°C			
Light output at 6500K	Comparable to 200 W Halogen	Comparable to 400 W Halogen	Comparable to 200 W Halogen	Comparable to 400 W Halogen

Easy Colour Picker

Multi-angle light beam

International Safety Tested IEC EN 60598-2-18

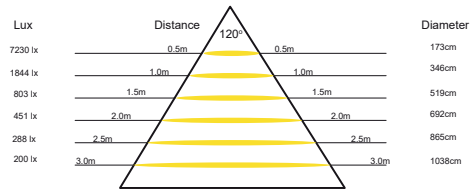
Fast Return on Investment

No loss of LED capacity in RGBW

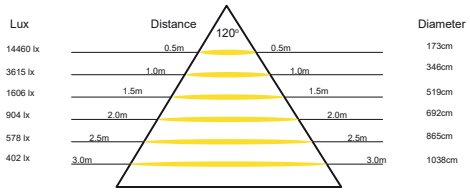
ECO friendly

2 years warranty

Light distribution curve A6 6500K white



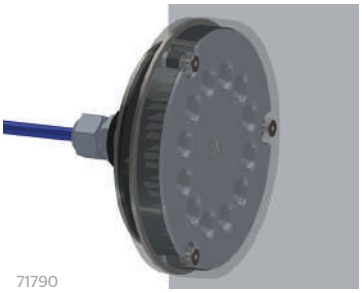
Light distribution curve A12 6500K white



Atecpool EVA LED
Commercial & Sports Lighting

Atecpool Eva A Series for surface mounting

Atecpool EVA A6 & 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 & 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
	Hose Barb

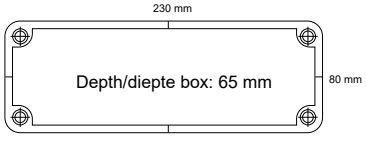
Atecpool Eva A Series, Installation Housing in ABS for Liner pool



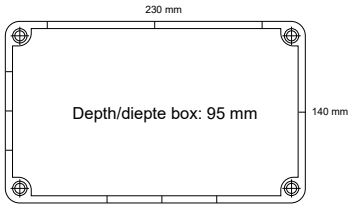
71675

Code	Description
71675	Installation Hosing
	Rubber Ring (2 mm)
	Ring (3 mm)
	Cover Ring
	Cable-gland
	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 Q2 & B1 LED Spa Lighting

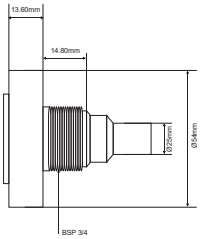
High-quality LED solution for therapy pools and spas. Atecpool EVA LED lighting models demonstrably meet the international safety standards for underwater lighting IEC EN 60598-2-18. All EVA Q2 and B1 LED light supply includes mono driver (power box Q2 / B1 mono) for fixed colour and RGBW driver (power box Q2 / B1 RGBW) for multi colour with a cable length of 10 meters.



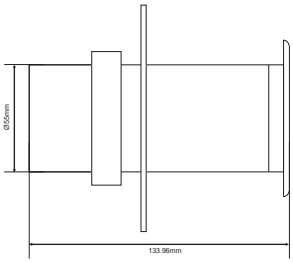
Q2



B1



Atecpool EVA Q2



Atecpool EVA B1

Model	EVA Q2 Fixed Colour	EVA B1 Fixed Colour	EVA Q2 RGBW Multi Colour	EVA B1 RGBW Multi Colour
Code	71773	71777	71775	71779
Type of Light	IP68 LED light	IP68 LED Spotlight	IP68 LED light	IP68 LED Spotlight
Max. Energy consumption system	10W	10W	10W Constant Output (10% tolerance) - IPC	10W Constant Output (10% tolerance) - IPC
Colour Temperatures	Light colour to be determined through connection of wires, options: White, blue, sky blue (light blue), Mediterranean blue (green blue), green, red, purple, magenta, yellow, etc.		Multi -coloured light: • RGBW Red / Green / Blue / Daylight white (6500K) • RGBWW Red / Green / Blue / Warm white (2700K)	
Max. Water Temp.	40°C			
Max. Installation depth	25 m			
Diameter	Ø 54 mm (hole size recessed)	Ø 80 mm (front ring)	Ø 54 mm (hole size recessed)	Ø 80 mm (front ring)
Depth Luminaire	55.5 mm	134 mm	55.5 mm	134 mm
Thread (surface mounted)	3/4" BSP	2" BSP	3/4" BSP	2" BSP
Cable Length Luminaire	10m (7x0.5 mm²)			
Safety Standard Compliancy	IEC EN 60598-2-18			
Driver input/output	100-240 VAC / 24VDC			
Driving Technology	1-10VDC (dimming)		DMX 512 (colour mode, scenes, dimming, etc.)	
Protection Rating power box	IP65			
Protections power supply	Short circuit, overload, overvoltage, SELV equiv,Class 2 output, double insulation			
Max. cable length	100 m (7x4 mm²)		100m (7x4 mm²)	
Working temperature	-20°C to +40°C			
Light output at 6500K	Comparable to 100W Halogen			

Easy Colour Picker

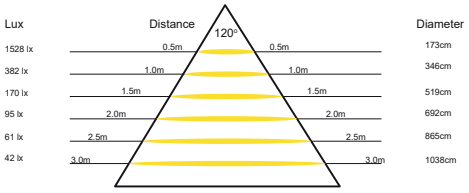
Multi-angle light beam

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment

No loss of LED capacity in RGBW

Light distribution curve Q2 B1 6500K white



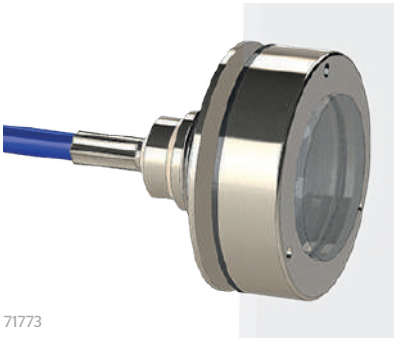
ECO friendly

2 years warranty

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



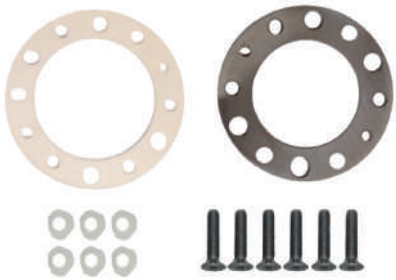
Atecpool EVA Q2 with flat coverplate for concrete



Atecpool EVA Q2 with coverplate flanged edge for liner

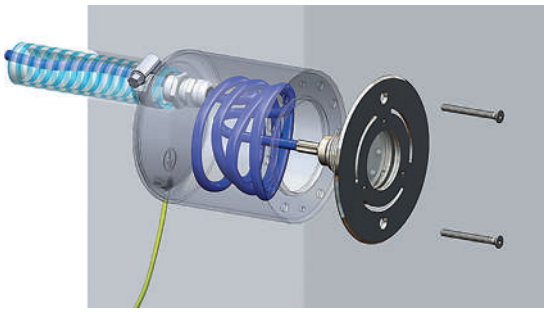
Code	Description	Size
71692	S.S. 316 Cover Plate for Q2 LED for concrete pool	Ø194 mm
71696	S.S. 316 Cover Plate for Q2 LED for liner pool	Ø174 mm

Atecpool Eva Q Series Extension kit for surface mounting



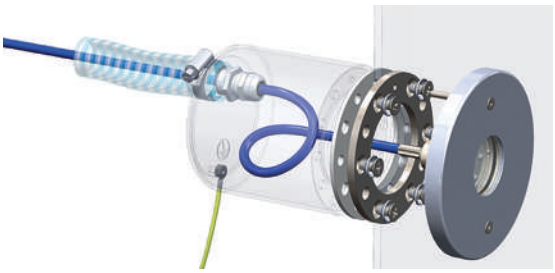
Code	Description
71695	EPDM Packing
	S.S. Ring
	Installation Sleeve
	Bolt M6x16

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



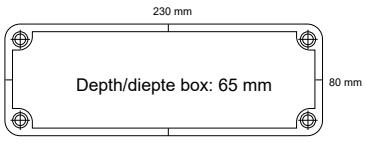
Code	Description
71691	Tube
	Cable-gland
	S.S 316 Niche
	Bolt M4X20

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

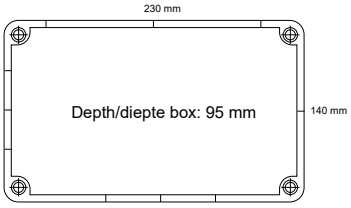


Code	Description
71693	Tube
	Cable Gland
	S.S 316 Niche
	Bolt M4X20
	EPDM Packing
	Stainless Steel Ring
	Installation Sleeve
	Bolt M6X16
	M3 nut
	Plastic fitting ring

Power Box Q2 / B1 Mono for fixed colour



Power Box Q2 / B1 RGBW for multi colour





Atecpool EVO DMX Control Unit
Accessories DMX & Dimming electronics

Atecpool ArchiTech EVO DMX control unit

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 are able to customize programming so that the system is tailored to your project.



Code	No.	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

Linear Lighting

Atecpool LED Strip IP68 Rating

Underwater Lighting >

- High quality
- Very flexible
- RoHs compliant
- No heating
- Colorwheel remote
- Aluminium mounting channel



Underwater Linear Lighting

Sensitive color wheel remote

Infinite combinations of kaleidoscopic displays.

2 years warranty

Atecpool LED Strip IP68
Wave Compak

Atecpool Wave Compak LED Strip IP68

Atecpool LED Linear Lighting Wave Compak, 12 x 13.5 mm is a high quality, flexible LED strip, with a 13.5mm 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.



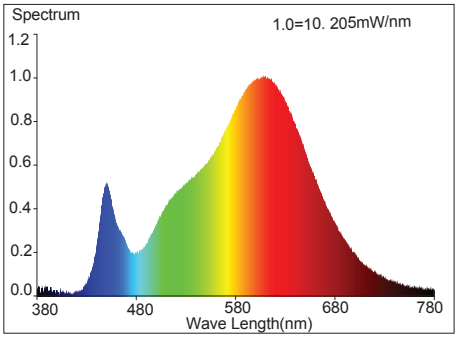
Features

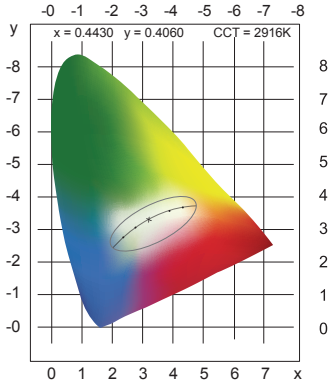
- Wave Compak size 13.5 x 13.5mm
- LED and components are double protected, to avoid unit failure.
- Adopts first class Eco-friendly UV resistant PVC material.
- Easy to be installed, can be cut and reconnected (Connection accessories available)
- Protection rating IP68 (All joints are hermetically sealed to achieve IP68)

Model	Wave Compak LED Neon Strip
Code	ATL05
Type of Light	SMD3528
Colour Temperature /Selection	6500K / 5000K / 3000K / 2700K BLUE / RED / GREEN/
Material used	ECO PVC
Operating Voltage	24V DC
Power Consumption	10W / m
Lumen (lm)	550 lm
LED Quantity / m	144 pcs
Min Cutting Length	3.28" / 8.33 cm
Max Length	20 m
Protection Rating	IP68
Maximum Bending	Diameter 6 cm
Bending Direction	Vertically
Ambient Temp	-30ºC to +45ºC
Controller	24VDC Power Supply

Wave Compak LED Neon Strip - ATL05 3000K

Photometrics Data:





Color Parameters - ATL05 3000K

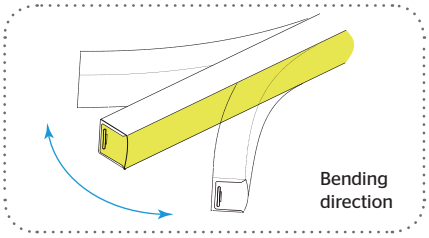
Chromaticity Coordinate: x=0.4430 y=0.4060 / u' =0.2537 v' =0.5231
CCT= 2916K (Duv= 0.0000) Dominant WL: Ld = 583.2nm Purity =54.9%
Ratio: R= 23.8% G=73.7% B=2.5% Peak WL: Lp= 610.0nm FWHM=133.4nm
Render Index: Ra=85.2

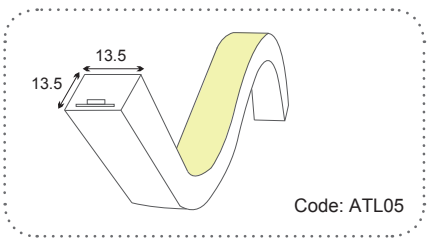
Photo Parameters

Flux = 494,1 lm Eff: 48,02 lm/w Fe = 1,542W

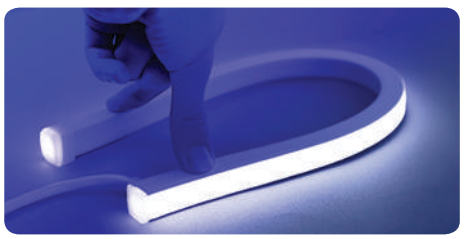
Electrical Parameters

V= 23.998 V I = 4288A P = 10.29W PF= 1.000









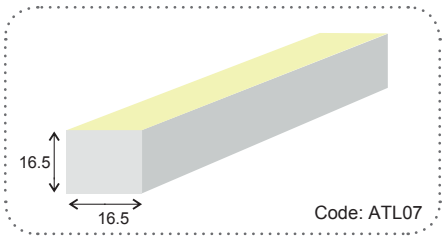
Atecpool LED Strip IP68
Wave Linear

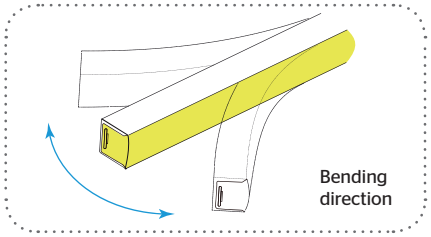
Atecpool Wave Linear LED Strip IP68

Atecpool LED Linear Lighting Wave Linear, 16.5 x 16.5 mm, is a high quality, flexible LED strip, with a 16.5mm 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.

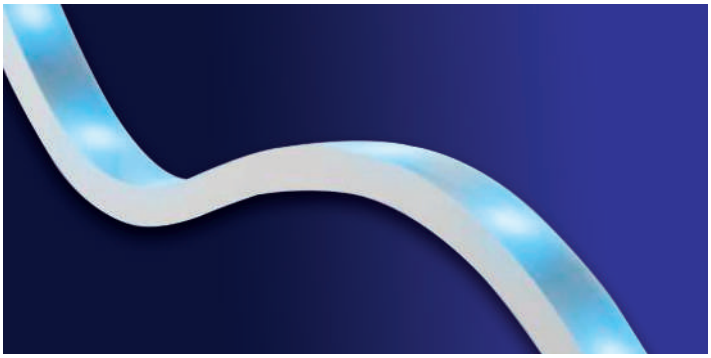


Wave Linear size 16.5 x 16.5 mm with 16.5 mm illuminated side.



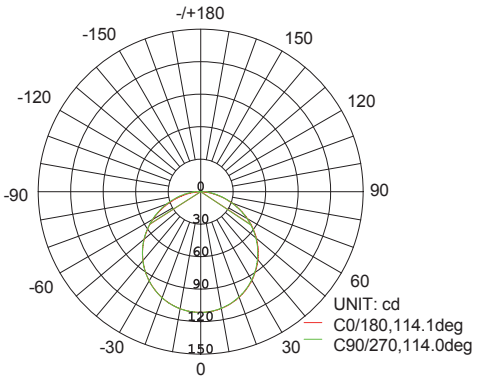


Model	Wave Linear LED Neon Strip	Wave Linear RGBW LED Multicolor Strip
Code	ATL07	ATL07 RGBW
Type of Light	SMD3528	SMD5050 Tri-chip
Colour Temperature /Selection	6500K / 5000K / 3000K / 2700K BLUE / RED / GREEN/	RGBW (W: 2200K/ 3000K /4000K)
Material used	ECO PVC	ECO PVC
Operating Voltage	24V DC	24V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

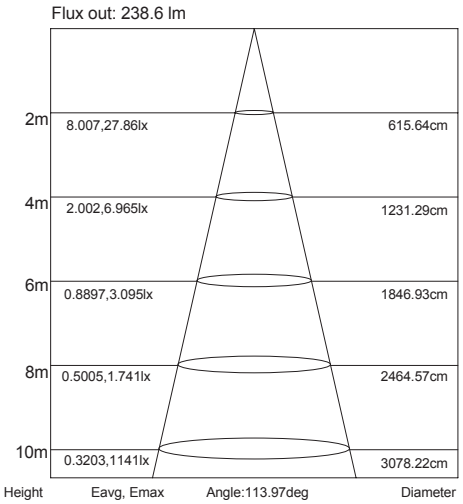


Wave Linear LED Neon Strip - ATL07 3000K

Photometrics Data:



AVERAGE BEAM ANGLE (50%) : 114.0 DEG



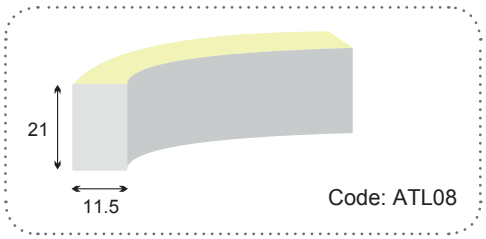
Atecpool LED Strip IP68
Curve Linear

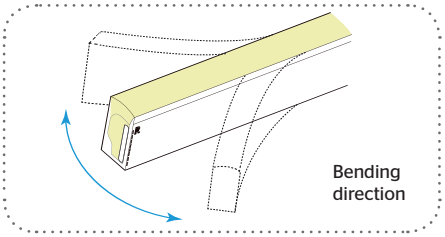
Atecpool Curve Linear LED Strip IP68

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.



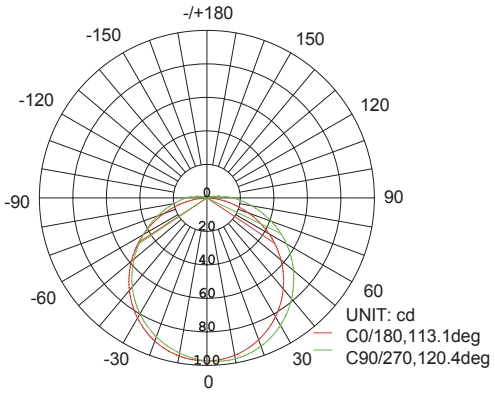
Curve Linear size 21 x 11.5 mm with 11.5 mm illuminated side



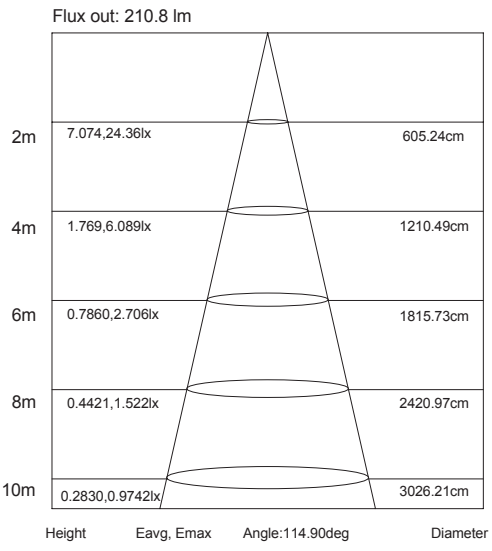


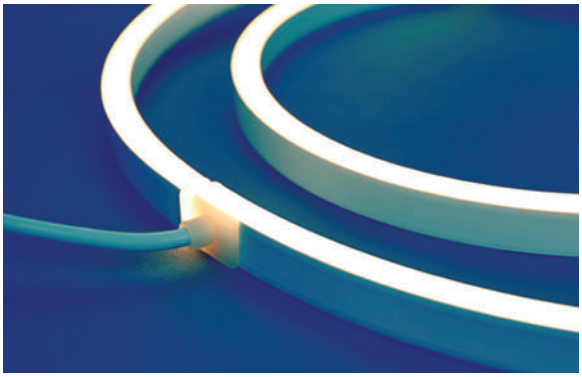
Model	Curve Linear LED Neon Strip	Curve Linear LED Neon Strip	Curve Linear RGB Multicolor Strip
Code	ATL08	ATL08 RGB	ATL08 RGBW
Type of Light	SMD5050	SMD5050	SMD5050 Tri-chip
Colour Temperature /Selection	6500K / 5000K / 3000K / 2700K BLUE / RED / GREEN	RGB	RGBW (W: 2200K /3000K /4000K)
Material used	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	-30ºC to +45ºC	-30ºC to +45ºC	-30ºC to +45ºC
Controller	24VDC Power Supply	24VDC Power Supply	PWM Controller

Curve Linear LED Neon Strip
ATL08 3000K - Photometrics Data:



AVERAGE BEAM ANGLE (50%) : 116.7 DEG





Linear Lighting Series

Designed for indoor/outdoor: Decoration of buildings, gardens, landscaping and water features.

Enjoy the power of LED and exquisite lighting effects

With the combination of IP68 LED neon strips and robust aluminum housing, **ATLS Series** is going to be an inspirational linear lighting fixture cater-designed for extreme exterior environmental conditions. Unlike those common linear fixtures, this series is completely waterproof and flexible in length with seemless joints.



2 years warranty

Atecpool LED Strip IP68
Linear Lighting Fixture

Atecpool Water Proof Linear Lighting Fixture - ATLS-06

With the combination of IP68 LED neon strips and robust aluminum housing, the ATLS series is an inspirational linear lighting fixture designed for extreme exterior environmental conditions. Unlike common linear fixtures, this series is completely waterproof and flexible in length combination with seemless joints, the maximum linear length can reach 2 meters. It is available in mono color, tunable white, RGB, RGBW, and even pixel chasing in SPI and DMX. With its advanced structure design, the installation is much easier than common outdoor lighting fixtures. ATLS series can be widely used for garden, landscape, stairs, wall grazing, orientation lighting, window reveal and underground.





Atecpool Linear Fixture specifications

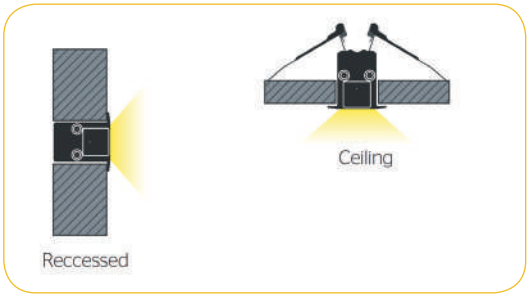
Model	ATLS-06
Dimension	HEIGHT: 38.50 mm / WIDTH: 40 mm / LENGTH: 270 mm to max 2020 mm
Beam angle	120°
Operating temp	-25°C - 55°C
Protection rate	IP68
Finish	Anodized Silver / Anodized Black / Painted White
Mounting	Reccessed
Power feed	Female / Male Connector
Control	0-10V / 1-10V / DMX / DALI
Available color	Black / White / Silver

Key applications

- Orientation lighting
- Ceiling lighting
- Down lighting
- Step lighting
- Floor lighting
- Wall lighting

Key Features

- Continuous 10 meters
- Easy Installation
- Mono / RGB(W) Optional
- DMX Optional
- IP68



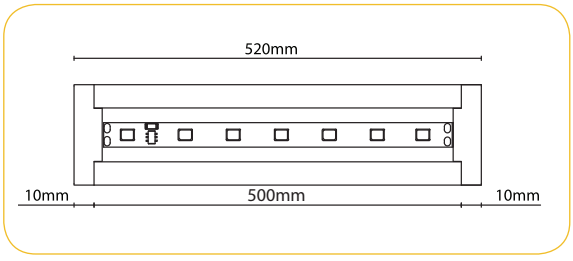
Lighting Source for Linear Fixture

Model	ATLS-06	ATLS-06 RGB
Input Voltage	24V DC	24V DC
Power / m	10W	13W
Working mode	PWM CV	PWM CV
LED type	SMD3528	SMD5050
LED Qty / m	144 pcs	72 pcs
Available Colors	R/G/B/ 2200 K - 6500 K	RGB
Cutting Length	8.33 cm	8.33 cm
Max. Length Single Feed	32.8' / 10 m	32.8' / 10 m



Length Availability List

Model	Fixture length	LED Strip	End Cap Dimension
	Metric	Metric	Metric
ATLS-06	270 mm 520 mm 1020 mm 1270 mm 1520 mm 2020 mm	250 mm 500 mm 1000 mm 1250 mm 1500 mm 2000 mm	10 mm x2



Atecpool LED Strip IP68
Linear Lighting Fixture

Atecpool Water Proof Linear Lighting Fixture - ATLS-11

With the combination of IP68 LED neon strips and robust aluminum housing, the ATLS series is an inspirational linear lighting fixture designed for extreme exterior environmental conditions. Unlike common linear fixtures, this series is completely waterproof and flexible in length combination with seemless joints, the maximum linear length can reach 2 meters. It is available in mono color, tunable white, RGB, RGBW, and even pixel chasing in SPI and DMX. With its advanced structure design, the installation is much easier than common outdoor lighting fixtures. ATLS series can be widely used for garden, landscape, stairs, wall grazing, orientation lighting, window reveal and underground.





Atecpool Linear LED Fixture specifications

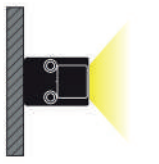
Model	ATLS-11
Dimension	HEIGHT: 37.5 mm / WIDTH: 27.6 mm / LENGTH: 262 mm to max 2012 mm
Beam angle	120°
Operating temp	-25°C - 55°C
Protection rate	IP68
Finish	Anodized Silver / Anodized Black / Painted White
Mounting	Surface mounted
Power feed	Female / Male Connector
Control	0-10V / 1-10V / DMX / DALI
Available color	Black / White / Silver

Key applications

- Building facades
- Public spaces
- Wall grazing
- Window reveal
- Additional lighting
- Landscape lighting

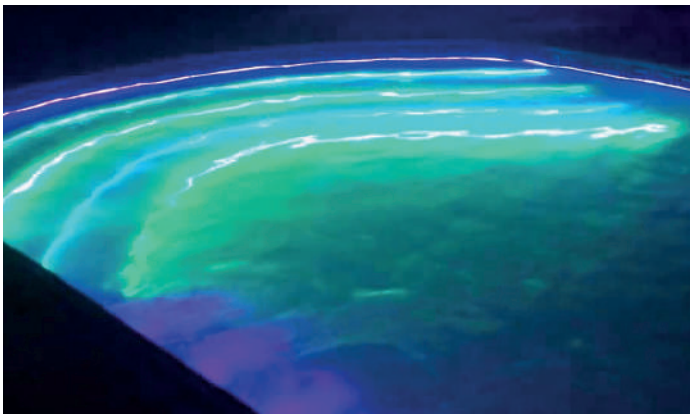
Key Features

- Continuous 10 meters
- Easy Installation
- Mono / RGB(W) Optional
- DMX Optional
- IP68


Surface Mounted

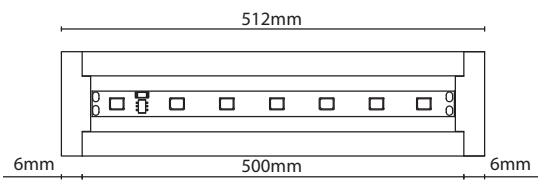
Lighting Source for Linear Fixture

Model	ATLS-11	ATLS-11 RGB
Input Voltage	24V DC	24V DC
Power / m	10W	13W
Working mode	PWM CV	PWM CV
LED type	SMD3528	SMD5050
LED Qty / m	144 pcs	72 pcs
Available Colors	R/G/B/ 2200K - 6500K	RGB
Cutting Unit	12 LEDs	6 LEDs
Cutting Length	8.33 cm	8.33 cm
Max. Length Single Feed	32.8' / 10m	32.8' / 10m



Length Availability List

Model	Fixture length	LED Strip	End Cap Dimension
	Metric	Metric	Metric
ATLS-11	262 mm 512 mm 1012 mm 1262 mm 1512 mm 2012 mm	250 mm 500 mm 1000 mm 1250 mm 1500 mm 2000 mm	6 mm x2



Atecpool LED Strip IP68
Linear Lighting Fixture

Atecpool Water Proof Linear Lighting Fixture - ATLS-13

With the combination of IP68 LED neon strips and robust aluminum housing, the ATLS series is an inspirational linear lighting fixture designed for extreme exterior environmental conditions. Unlike common linear fixtures, this series is completely waterproof and flexible in length combination with seemless joints, the maximum linear length can reach to up 2 meters. It is available in mono color, tunable white, RGB, RGBW, and even pixel chasing in SPI and DMX. With its advanced structure design, the installation is much easier than common outdoor lighting fixtures. ATLS series can be widely used for garden, landscape, stairs, wall grazing, orientation lighting, window reveal and underground..





Atecpool Linear Fixture specifications

Model	ATLS-13
Dimension	HEIGHT: 51.3 mm / WIDTH: 37 mm / LENGTH: 262 mm to max 2012 mm
Beam angle	120°
Operating temp	-25°C - 55°C
Protection rate	IP68
Finish	Anodized Silver / Anodized Black / Painted White
Mounting	Wall mounted
Power feed	Female / Male Connector
Control	0-10V / 1-10V / DMX / DALI
Available color	Black / White / Silver

Lighting Source for Linear Fixture

Model	ATLS-13	ATLS-13 RGB
Input Voltage	24V DC	24V DC
Power / m	10W	13W
Working mode	PWM CV	PWM CV
LED type	SMD3528	SMD5050
LED Qty / m	144 pcs	72 pcs
Available Colors	R/G/B/ 2200K - 6500K	RGB
Cutting Unit	12LEDs	6LEDs
Cutting Length	8.33 cm	8.33 cm
Max. Length Single Feed	32.8' / 10 m	32.8' / 10 m

Length Availability List

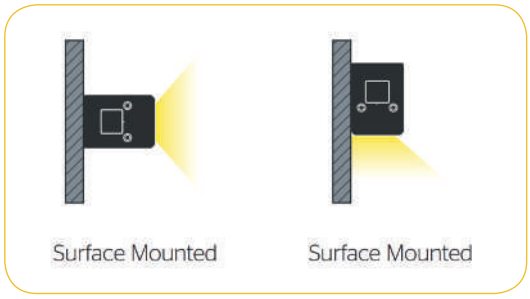
Model	Fixture length	LED Strip	End Cap Dimension
	Metric	Metric	Metric
ATLS-13	262 mm 512 mm 1012 mm 1262 mm 1512 mm 2012 mm	250 mm 500 mm 1000 mm 1250 mm 1500 mm 2000 mm	6 mm x2

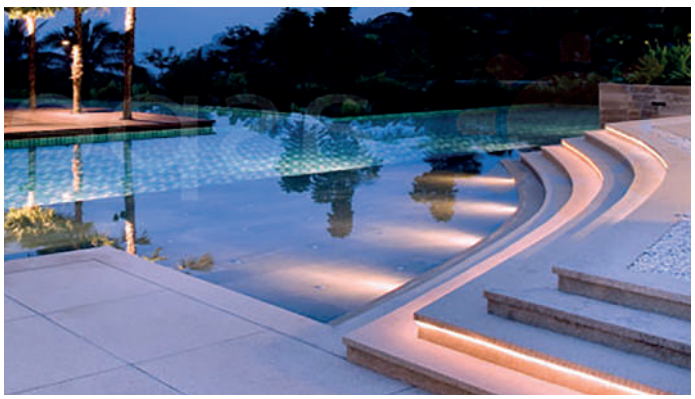
Key applications

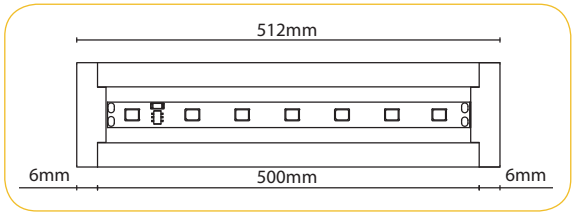
- Public spaces
- Wall grazing
- Wall decoration
- Additional lighting
- Garden lighting
- Landscape lighting

Key Features

- Continuous 10 meters
- Easy Installation
- Mono / RGB(W) Optional
- DMX Optional
- IP68

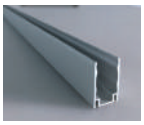
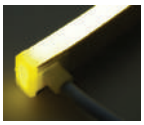
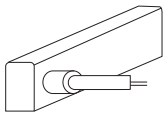
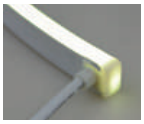
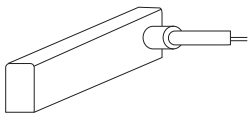
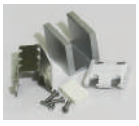






Atecpool LED Strip IP68
Accessories

LED Strip IP68 Control & Accessories

	Code	Description
	ATLA06	**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.
	ATLA07	**Data repeater** Signal channel data amplifier DC5-24V Output current 10A, 120W / 24V
	ATLA010	**LED Transformer** Power supply 150W/ 250W / 300W AC input 100 - 240 V AC / Output 24 V DC Rating: IP67
	ATLA09	**DMX Controller / Stick** 512 channels DMX512 output 6V DC 0.6A, optional. 5.5v max with USB RS232 serial communication for external synchronisation
	ATLA014	**Aluminum Mounting Channel** Color: Aluminium grey Length: 1m, custom length and size available as per strip dimension Holes: 2
 	ATLA012	**Mould injection connector - Right** Cable output side: Right Cable Length: 0.6m Mould injection end cap, Seamless joint connection. Protection Rating: IP68
 	ATLA013	**Mould injection connector - Left** Cable output side: Left Cable Length: 0.6m Mould injection end cap, Seamless joint connection. Protection Rating: IP68
	ATLA017	**IP67 Front Connector Kit - Right** Connection Side: Right Cable Length: 0.6m Detailed Items: 1pc front connector, 1pc rubber gasket, 1pc stainless anti-slide clip, 1pc aluminum clip 4pcs 304 stainless screws
	ATLA018	**IP67 Front Connector Kit - Left** Connection Side: Left Cable Length: 0.6m Detailed Items: 1pc front connector, 1pc rubber gasket, 1pc stainless anti-slide clip, 1pc aluminum clip 4pcs 304 stainless screws
	ATLA019	**IP67 End Connector Kit** Detailed Items: 1pc end connector, 1pc rubber gasket, 1pc stainless anti-slide clip, 1pc aluminum clip, 4pcs 304 stainless screws



Radiant LED PAR 56



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

PAR56 - 30W

Power: 30W (RGB) / **Voltage:** 12VAC / 2 Core Cable /
LED source: SMD LED / **LED Brand:** Edison / **Life Time:** 50,000 hrs /
LED quantity: 432 pcs / **Material:** PC / **IP rating:** IP68 /
Dimension: Ø176*107mm / **Lumen:** 2300 lm

PAR56 - 33W

Power: 33W (Cool White, Warm White or Blue) / **Voltage:** 12VAC / 2 Core Cable /
LED source: SMD LED / **LED Brand:** Edison / **Life Time:** 50,000 hrs /
LED quantity: 432 pcs / **Material:** PC / **IP rating:** IP68 /
Dimension: Ø176*107mm / **Lumen:** 3300 lm

Underwater Radiant LED

"Adding light to your life"

Remotely controlled colour sequence arranged in 16 programs

LED modulator

2 CORE connection
-WITH REMOTE CONTROL-



ECO friendly

2 years warranty

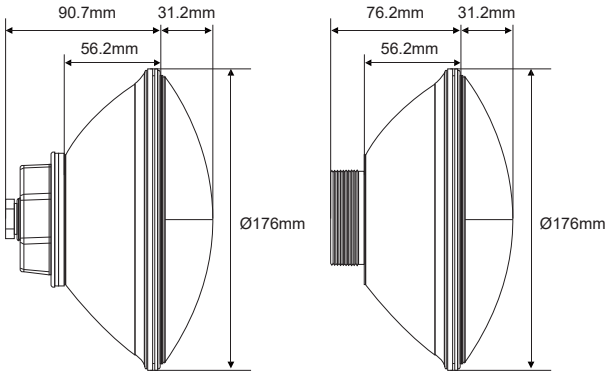
Radiant LED PAR 56 SMD Bulb
12V AC - IP68

Radiant LED PAR 56 SMD

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.



92005 CW



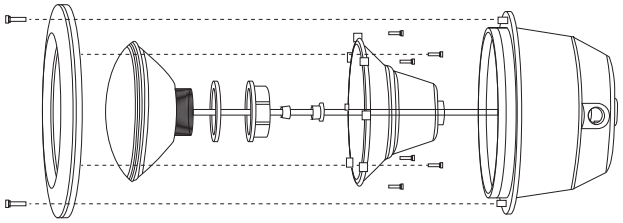
Code	Cool White	Warm White	Blue	RGB
Code	92005 CW	92005 WW	92005 B	92001
LED Type	SMD	SMD	SMD	SMD
LED Quantity	432	432	432	432
Power	33 W	33 W	33 W	30W
Input Voltage	12V AC	12V AC	12V AC	12V AC
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Lumen	3300 lm	2600 lm	720 lm	1550 lm
Operation Temperature	-30ºC / +50ºC	-30ºC / +50ºC	-30ºC / +50ºC	-30ºC / +50ºC
Cable Specification	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
IP Class	IP68	IP68	IP68	IP68
Max. Life Span	50000 hours	50000 hours	50000 hours	50000 hours

Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment



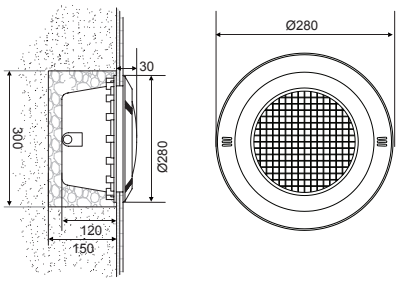


Radiant LED PAR 56 Lighting
For concrete, liner and pre-fabricated pools

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.



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

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

Lumen: RGB ~2300 lm / Cool White ~3300 lm / Warm White ~2600 lm

Radiant LED PAR56 Lighting – Pre-fabricated pools



84300-09 RGB

Code	Description	Power / Voltage
84300-09 RGB	Radiant LED PAR56 RGB ABS w/ niche	30W/12V AC
84300-09 CW	Radiant LED PAR56 Cool White ABS w/ niche	33W/12V AC
84300-09 WW	Radiant LED PAR56 Warm White ABS w/ niche	33W/12V AC
84300-09 B	Radiant LED PAR56 Blue ABS w/ niche	33W/12V AC
82302-09 RGB	Radiant LED PAR56 RGB S.S. Trim w/ niche	30W/12V AC
82302-09 CW	Radiant LED PAR56 Cool White S.S. Trim w/ niche	33W/12V AC
82302-09 WW	Radiant LED PAR56 Warm White S.S. Trim w/ niche	33W/12V AC
82302-09 B	Radiant LED PAR56 Blue S.S. Trim w/ niche	33W/12V AC

Lumen: RGB ~2300 lm / Cool White ~3300 lm / Warm White ~2600 lm

Spectra-Slim LED Lighting

2 years warranty



91252 RGB

Spectra-Slim LED Lighting ABS

High Power Ultra Slim LED

Super bright Ultra Slim LED Panel underwater lights for swimming pools and spa. Made of ABS construction with resin filled bulbs. ABS frame is compatible with any size niches using installation adaptor kit. Low power consumption, high stability and completely waterproof.

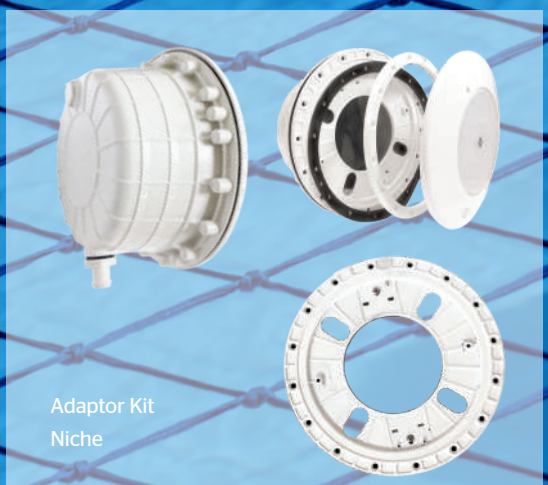


93252 RGB

Spectra-Slim LED Lighting 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.



Adaptor Kit
Niche

Spectra-Slim

Installation Accessories / Adaptor Kit

Ready to fit installation accessories for Atecpool Spectra-Slim LED, for concrete, liner and pre-fabricated pools. LED replacement possible with any standard niches. Used for both ABS and SS Spectra-Slim LED Lighting

LED Modulator

2 CORE connection
-WITH REMOTE CONTROL-



ATECPOOL INTERNATIONAL GROUP

atecpool.com

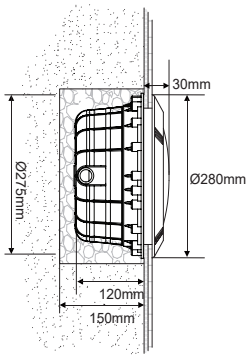
Spectra-Slim LED Lighting ABS
High Power Slim LED

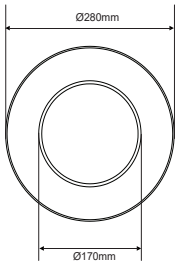
Atecpool Spectra-Slim LED Panel ABS Lighting

Super bright Ultra Slim LED panel underwater lights for swimming pools and spa. Made of ABS with resin filled bulbs which are 100% acid-proof, alkali-proof and UV resistant. Low power consumption, high stability, IP68 waterproof. Models available in RGB, Cool White, Warm White and Blue colour. Supplied with 3 m 2 Core 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 frame is compatible to any size niches using the installation adaptor kit supplied along with the lights.



91252 RGB





Concrete, Liner and Pre-fabricated pools - Easy installation

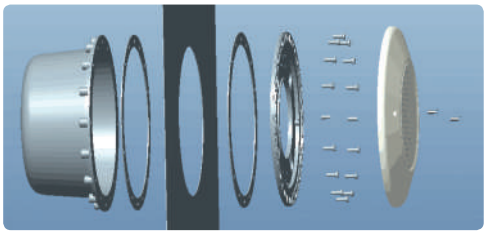
Atecpool Spectra-Slim LED panel ABS lighting can be used for concrete, liner and pre- fabricated pools. Thanks to the installation adaptor kit supplied along with the lights it is possible to install in concrete, liner or pre-fabricated pools.



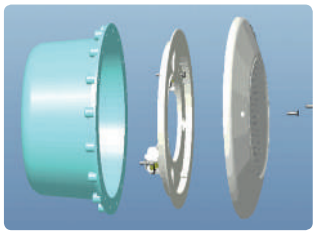
ABS niche



Adaptor Kit



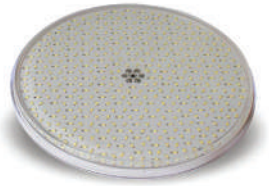
Liner

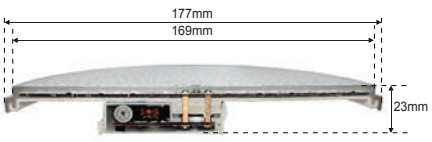


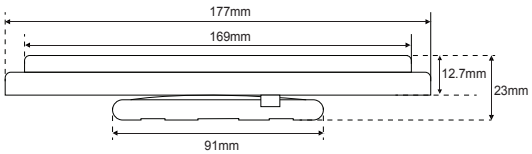
Concrete

Atecpool Spectra-Slim LED Panel Bulb

Constant current driving, resin filled LED have consistent color and brightness, High stability and long life span.







Spectra-Slim LED Panel Bulb - Specification

RGB Bulb RGB 16 modes
16 programs with synchronization capability
Power output in 3 models: 18W / 30W / 55W

Single Color Bulb Temperature 6500K / 2700K / 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

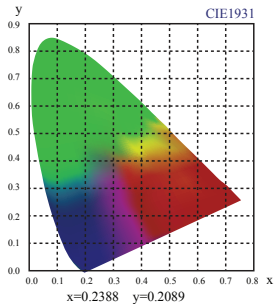
Atecpool Spectra-Slim LED Panel ABS Lights available in 3 power outputs combined with 3 different LED quantities.

Spectra-Slim Panel 252 LED ABS Lighting 18/21W

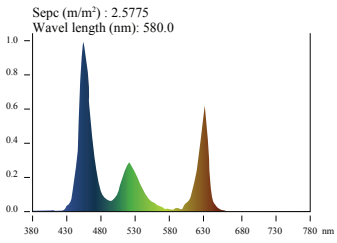
Code	Description	Power / Voltage	Lumen	Color Temperature
91252 RGB	Spectra Panel 252 LED RGB ABS w/ niche	18W/12V AC	925 lm	RGB 16 modes
91252 CW	Spectra Panel 252 LED Cool White ABS w/ niche	21W/12V AC	2100 lm	6500K
91252 WW	Spectra Panel 252 LED Warm White ABS w/ niche	21W/12V AC	1920 lm	2700K
91252 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

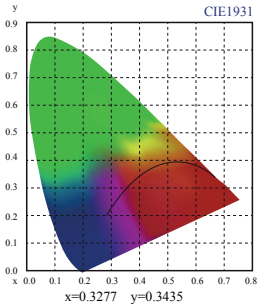


CCT (K)	100000
Candle E (fc)	162.97
CCT (K)	100000
CCT (K)	100000
x, y	0. 2388, 0. 2089
u, v	0. 1899, 0. 2492

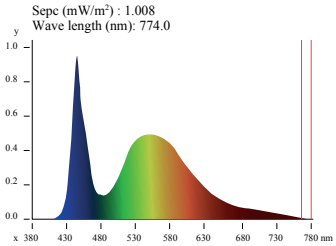


Photometrics - 91252 CW 21W 5700K LED / 12V AC

E (lx)	3429
Candle E (fc)	318.70
CCT (K)	5710
CCT (K)	5710



E (lx)	3429
Candle E (fc)	318.70
CCT (K)	5710
CCT (K)	5710
x, y	0. 3277, 0. 3435
u, v	0. 2027, 0. 3187

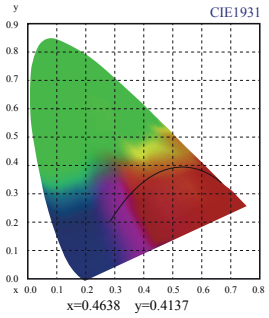


Spectra-Slim Panel 432 LED ABS Lighting 30/33W

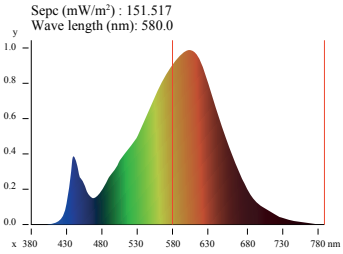
Code	Description	Power / Voltage	Lumen	Color Temperature
91432 RGB	Spectra Panel 432 LED RGB ABS w/ niche	30W/12V AC	1550 lm	RGB 16 modes
91432 CW	Spectra Panel 432 LED Cool White ABS w/ niche	33W/12V AC	3300 lm	6500K
91432 WW	Spectra Panel 432 LED Warm White ABS w/ niche	33W/12V AC	2600 lm	2700K
91432 B	Spectra Panel 432 LED Blue ABS w/ niche	33W/12V AC	720 lm	Single Blue

Photometrics - 91432 WW 33W 2700K LED / 12V AC

E (lx)	8478
Candle E (fc)	787.91
CCT (K)	2670
CCT (K)	2670



E (lx)	8478
Candle E (fc)	787.91
CCT (K)	2670
CCT (K)	2670
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	2700K
91531 B	Spectra Panel 531 LED Blue ABS w/ niche	60W/12V AC	1450 lm	Single Blue

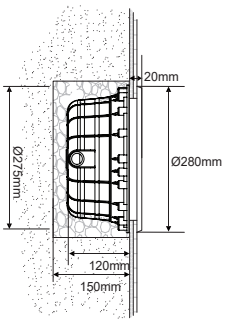
Spectra-Slim LED Lighting S.S. 316
High Power Slim LED

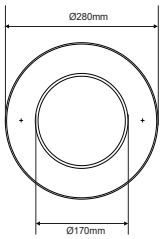
Atecpool Spectra-Slim S.S. 316 Lighting

Super bright Ultra Slim LED panel underwater lights for swimming pools and spas, frame made of stainless steel AISI 316 and ABS niche. Supplied with resin filled bulbs which are 100% acid-proof, alkali-proof and UV resistant. Low power consumption, high stability, IP68 waterproof. Models available in RGB, Cool White, Warm White and Blue colour. Supplied with 3 m 2 Core 2x1.0 mm2 cable for all models. RGB lights get synchronized using Atecpool LED modulators/ remote control with colour sequence arranged in 16 programs. S.S. frame is compatible to any size niches using installation adaptor kit supplied along with the lights.



93252 RGB





Concrete, Liner and Pre-fabricated pools - Easy installation

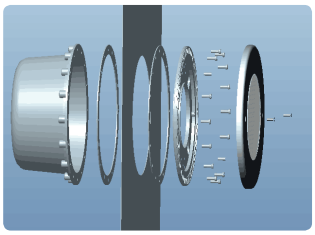
Atecpool Spectra-Slim LED panel S.S. 316 lighting can be used for concrete, liner and pre- fabricated pools. Thanks to the installation adaptor kit supplied along with the lights it is possible to install in concrete, liner or pre-fabricated pools.



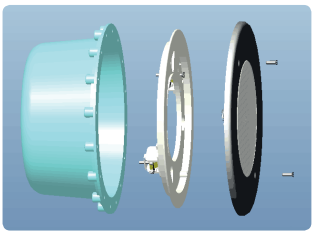
ABS niche



Adaptor Kit



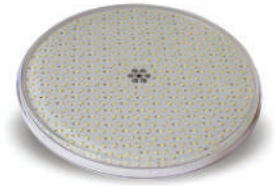
Liner

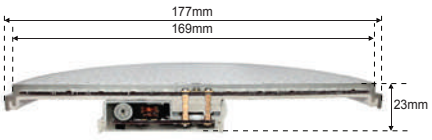


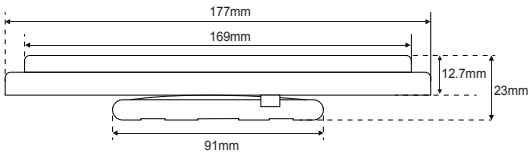
Concrete

Atecpool Spectra-Slim LED Panel Bulb

Constant current driving, resin filled LED have consistent color and brightness, high stability and long life span.







Spectra-Slim LED Panel Bulb - Specification

RGB Bulb - RGB 16 modes
16 programs with synchronization capability
Power output in 3 models: 18W / 30W / 55W

Single Color Bulb Temperature 6500K / 2700K / Single Blue
Power output in 3 models: 21W / 33W / 60W
Standard input voltage: 12V AC / DC

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.

Spectra-Slim Panel 252 LED S.S. 316 Lighting 18/21W

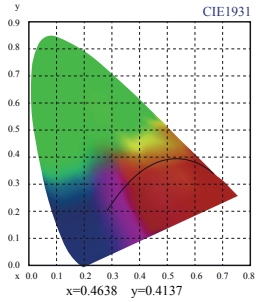
Code	Description	Power / Voltage	Lumen	Color Temperature
93252 RGB	Spectra Panel 252 LED RGB S.S. 316 w/ ABS niche	18W/12V AC	925 lm	RGB 16 Mode
93252 CW	Spectra Panel 252 LED Cool White S.S. 316 w/ ABS niche	21W/12V AC	2100 lm	6500K
93252 WW	Spectra Panel 252 LED Warm White S.S. 316 w/ ABS niche	21W/12V AC	1920 lm	2700K
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

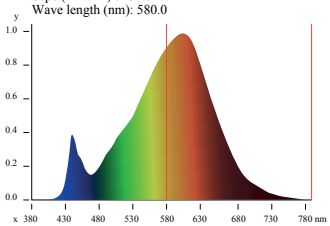
Code	Description	Power / Voltage	Lumen	Color Temperature
93432 RGB	Spectra Panel 432 LED RGB S.S. 316 w/ ABS niche	30W/12V AC	1550 lm	RGB 16 Mode
93432 CW	Spectra Panel 432 LED Cool White S.S. 316 w/ ABS niche	33W/12V AC	3300 lm	6500K
93432 WW	Spectra Panel 432 LED Warm White S.S. 316 w/ ABS niche	33W/12V AC	2600 lm	2700K
93432 B	Spectra Panel 432 LED Blue S.S. 316 w/ ABS niche	33W/12V AC	720 lm	Single Blue

Photometrics - 93432 WW 33W 2700K LED / 12V AC

E (lx)	8478
Candle E (fc)	787.91
CCT (K)	2670
CCT (K)	2670



E (lx)	8478
Candle E (fc)	787.91
CCT (K)	2670
CCT (K)	2670
x, y	0. 4638, 0. 4137
u, v	0. 2636, 0. 3527



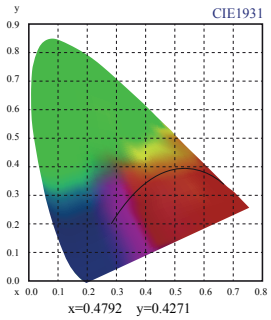


Spectra-Slim Panel 531 LED S.S. 316 Lighting 55/60W

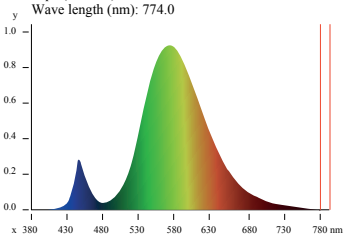
Code	Description	Power / Voltage	Lumen	Color Temperature
93531 RGB	Spectra Panel 531 LED RGB S.S. 316 w/ ABS niche	55W/12V AC	2380 lm	RGB 16 Mode
93531 CW	Spectra Panel 531 LED Cool White S.S. 316 w/ ABS niche	60W/12V AC	5500 lm	6500K
93531 WW	Spectra Panel 531 LED Warm White S.S. 316 w/ ABS niche	60W/12V AC	4950 lm	2700K
93531 B	Spectra Panel 531 LED Blue S.S. 316 w/ ABS niche	60W/12V AC	1450 lm	Single Blue

Photometrics - 93531 WW 60W 2700K LED / 12V AC

E (lx)	13.54k
Candle E (fc)	1258.80
CCT (K)	2571
CCT (K)	2571



E (lx)	13. 54k
Candle E (fc)	1258.80
CCT (K)	2571
CCT (K)	2571
x, y	0. 4792, 0. 4271
u, v	0. 2674, 0. 3575



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 spas. 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

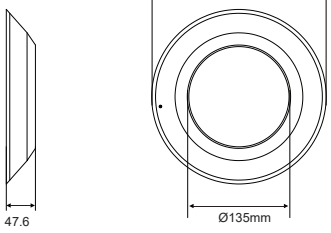
- Electrical Connection: 12V AC
- Complete with 2 core 2X1.0 mm2 cable
- Construction: Moulded housing S.S. AISI 316
- Protection Class: IP68
- Lamp life: approx. 60,000 hrs
- Supplied with 4 m cable
- 16 programs with synchronization capability

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 / 12 VAC	925 lm	RGB 16 Mode
20528	Spectra Extra Flat Cool White S.S 316	21W / 12 VAC	2100 lm	6500K
20532	Spectra Extra Flat Warm White S.S 316	21W / 12 VAC	1920 lm	2700K
20536	Spectra Extra Flat Blue S.S 316	21W / 12 VAC	470 lm	Single Blue

Easy Colour Picker

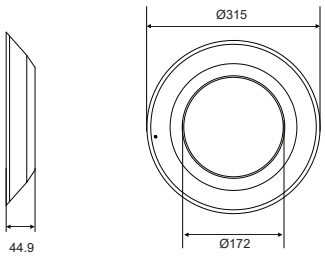
International Safety Tested IEC EN 60598-2-18

Fast Return on Investment

Atecpool Spectra High Power Extra Flat LED S.S. 316 Lighting



20734



Code	Description	Power / Voltage	Lumen	Color Temperature
20734	Spectra High Power Extra Flat RGB S.S 316	30W / 12 VAC	1550 lm	RGB 16 Mode
20738	Spectra High Power Extra Flat Cool White S.S 316	33W / 12 VAC	3300 lm	6500K
20742	Spectra High Power Extra Flat Warm White S.S 316	33W / 12 VAC	2600 lm	2700K
20746	Spectra High Power Extra Flat Blue S.S 316	33W / 12 VAC	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 spas. 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
- Complete with 2 core 2X1,0 mm2 cable
- Construction: Moulded housing in ABS
- Protection Class: IP68
- Lamp life: approx. 60,000 hrs
- Supplied with 4 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.

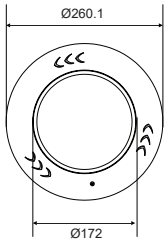


21814

Code	Description	Power / Voltage	Lumen
21814	Lumina Extra Flat Panel 252 LED RGB ABS	18W / 12 VAC	925 lm
21818	Lumina Extra Flat Panel 252 LED Cool White ABS	21W / 12 VAC	2100 lm
21822	Lumina Extra Flat Panel 252 LED Warm White ABS	21W / 12 VAC	1920 lm
21826	Lumina Extra Flat Panel 252 LED Blue ABS	21W / 12 VAC	470 lm







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
- Complete with 2 core 2X1.0 mm^2 cable
- Supplied material of construction: ABS
- Protection Class: IP68
- Lamp life: approx. 30.000 hrs
- 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.



20814

Code	Description	Power / Voltage	Lumen
20814	Lumina Extra Flat 199 LED RGB ABS	11W / 12 VAC	550 lm
20818	Lumina Extra Flat 199 LED Cool White ABS	12W / 12 VAC	840 lm
20822	Lumina Extra Flat 199 LED Warm White ABS	12W / 12 VAC	680 lm
20826	Lumina Extra Flat 199 LED Blue ABS	12W / 12 VAC	260 lm

Atecpool Matrix Extra Flat Mini LED



Matrix Series ABS LED Lighting

Extra Flat Lights

Resin filled extra flat mini ABS LED lighting for surface mounting. (Available in three different sizes)
Ø90 mm x 20 mm (6W), Ø120 mm x 25 mm (8W),
Ø150 mm x25 mm (18W).



Extra Flat Mini ABS LED Lighting

Extra Flat Lights

Resin filled extra flat mini ABS LED lighting for surface mounting. (Available in single size)
Ø100 mm x 12 mm (5W). Color temp. 6500K, 3000K, Blue



Extra Flat Mini S.S. LED Lighting

Extra Flat Lights

Resin filled extra flat mini SS316 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.

2 years warranty

Matrix Mini LED Lighting
ABS Surface Mounted

Atecpool Matrix LED Lighting

Fully resin filled panel LED for surface mounting installations. Color Temp: 6000K and 3000K.
Size: Ø90mm x 20mm (6W).

Specifications

- Electrical Connection: 12V AC
- Construction: Moulded housing ABS
- Protection Class: IP68
- Beam Angle: 120°
- Supplied with 2 m cable

Matrix 90 LED Light

Ø90 mm x 20 mm



MX90RGB

Code	Description	Color temp	Power / Voltage	Lumen
MX90CW	Matrix Light Panel 62 LED CW ABS	6000K	6W / 12 VAC	240 lm
MX90WW	Matrix Light Panel 62 LED WW ABS	3000K	6W / 12 VAC	210 lm





Matrix 120 LED Light

Ø120 mm x 25 mm



MX120RGB

RGB Lights are synchronized using Atecpool Fixed Color Modulators with a remote that allows you to chose direct color without following preset modes.

Code	Description	Color temp	Power / Voltage	Lumen
MX120RGB	Matrix Light Panel 108 LED RGB ABS	RGB	8W / 12 VAC	220 lm
MX120CW	Matrix Light Panel 108 LED CW ABS	6000K	8W / 12 VAC	360 lm
MX120WW	Matrix Light Panel 108 LED WW ABS	3000K	8W / 12 VAC	310 lm





Matrix 150 LED Light

Ø150 mm x 25 mm



MX150RGB

RGB Lights are synchronized using Atecpool Fixed Color Modulators with a remote that allows you to chose direct color without following preset modes.

Code	Description	Color temp	Power / Voltage	Lumen
MX150RGB	Matrix Light Panel 252 LED RGB ABS	RGB	18W / 12 VAC	480 lm
MX150CW	Matrix Light Panel 252 LED CW ABS	6000K	18W / 12 VAC	680 lm
MX150WW	Matrix Light Panel 252 LED WW ABS	3000K	18W / 12 VAC	550 lm





Extra Flat Mini ABS LED Light
ABS Surface Mounted

Atecpool Extra Flat Mini 54 LED ABS Lighting

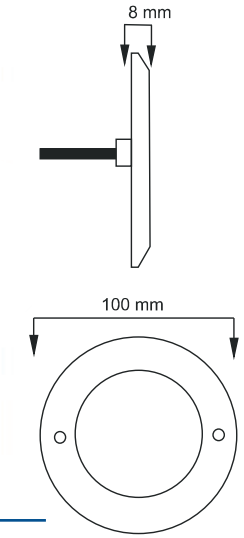
Fully resin filled panel 54 LED for surface mounting installations. Color Temp: 6500K / 2700K.
Size: Ø100mm x 8 mm.

Specifications

- Electrical Connection: 12V DC
- Construction: Moulded housing ABS
- Protection Class: IP68
- Beam Angle: 120°
- Supplied with 3 m cable



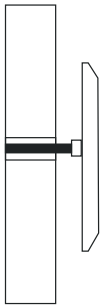




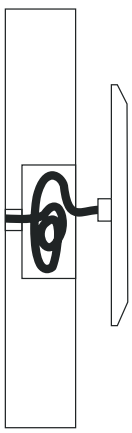
Code	20711	20755	20751
Power	5 W	5 W	5W
Led quantity		56 pieces	
Luminous Flux	230 lm	190 lm	105 lm
CCT Selection	6500K	2700K	
Color code	Cool White	Warm White	Blue
Beam angle	120°	120°	120
Dimension (Ø x height)	100 x 12 mm	100 x 12 mm	100 x 12 mm
Net Weight	0.165 kg		0.165 kg
Input Voltage	12V DC		12VDC
Insulation class / Rating	Class III / IP68		

Mounting options

Option 1



Option 2



Extra Flat Mini SS LED Light
SS Surface Mounted

Atecpool Extra Flat Mini SS Lighting

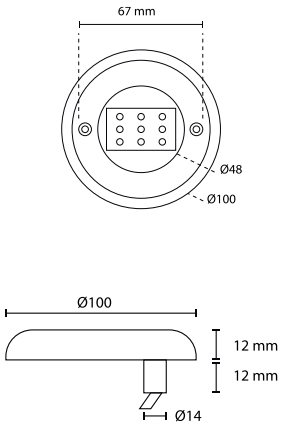
Fully resin filled panel LED for surface mounting installations in stainless steel construction. Color temperature: 6500K, 3000K and RGB. Sizes: Ø100mm x 12mm, Ø150mm x 18mm, Ø180mm x 18mm.

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 (4 core)
Color code	Cool White	Warm White	RGB
Beam angle	120°	120°	120°
Dimension (Ø x height)	100 x 12 mm	100 x 12 mm	100 x 12 mm
Net Weight		0.165 kg	
Input Voltage	12V DC	12V DC	24V DC
Insulation class / Rating		Class III / IP68	

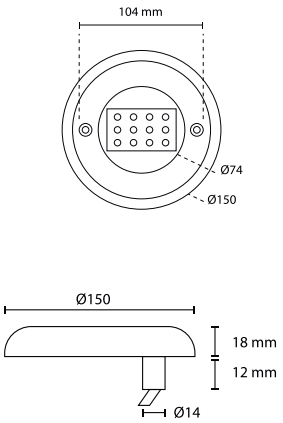


Extra Flat Mini SS 12 LED Lights



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 (4 core)
Color temp	Cool White	Warm White	RGB
Beam angle	120°	120°	120°
Dimension (Ø x height)	150 x 18 mm	150 x 18 mm	150 x 18 mm
Net Weight		0.320 kg	
Input Voltage	12V AC	12V AC	24V DC
Insulation Class/ Rating		Class III / IP68	

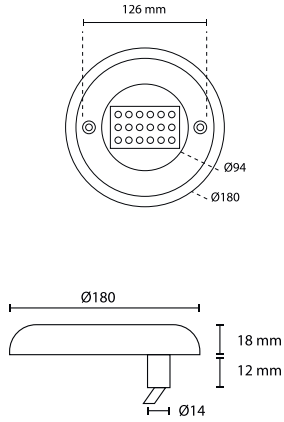


Extra Flat Mini SS 18 LED Lights



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 (4 core)
Color temp	Cool White	Warm White	RGB
Beam angle	120°	120°	120°
Dimension (Ø x height)	180 x 18 mm	180 x 18 mm	180 x 18 mm
Net Weight		0.630 kg	
Input Voltage	12V AC	12V AC	24V DC
Insulation Class/ Rating		Class III / IP68	



Atecpool Lumina Mini Spa LED



20444

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



20224S

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.



20224

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.

LED Modulator

2 CORE connection
-WITH REMOTE CONTROL-



2 years warranty

ATECPOOL INTERNATIONAL GROUP | atecpool.com

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 7W and can be connected to a 12V/AC transformer.

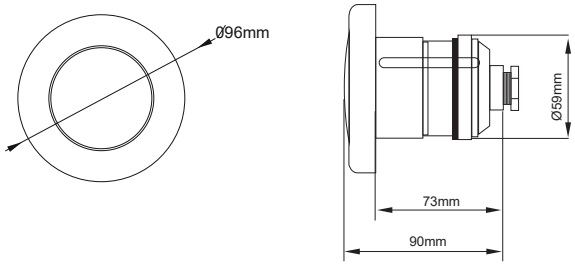
Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment



20444RGB



Specifications

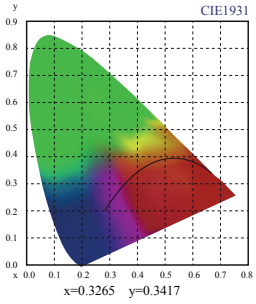
- Electrical Connection: 12V AC
- Complete with 2 core 2x10 mm² cable
- Material of construction: SS AISI 316
- Protection Class: IP68
- Lamp Life: Aprox. 60,000 hrs
- Supplied with 2 m cable
- 16 programs with synchronized capability

Features

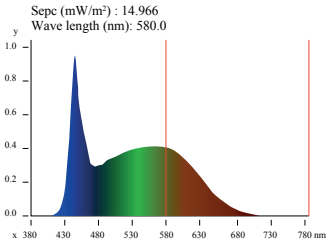
- Consumes 90% less energy than traditional lighting.
- Eco-friendly, no radiation.
- Low power consumption, low heat dissipation.
- Light transmission rate up to 92%.
- PWM technology adopted
- No niche, solvent weld wall conduits Ø63 mm suitable for quick push-fit connections Lumina Mini S.S. Lights

Photometrics - 20444 CW 7W 5700K LED / 12V AC

E (lx)	983.8
Candle E (fc)	91.43
CCT (K)	5768
CCT (K)	5768



E (lx)	983. 8
Candle E (fc)	91. 43
CCT (K)	5768
CCT (K)	5768
x, y	0. 3265, 0. 3417
u, v	0. 2025, 0. 3180



Code	Model	Power / Voltage	Lumen (lm)	Color Temperature
20444RGB	Lumina Mini Spa LED S.S RGB	6W / 12V	350	RGB 16 Mode
20444CW	Lumina Mini Spa LED S.S Cool White	7W / 12V	600	6500K
20444WW	Lumina Mini Spa LED S.S Warm White	7W / 12V	560	2700K
20444B	Lumina Mini Spa LED S.S Blue	7W / 12V	165	Single Blue



Lumina Mini Spa LED Lighting
ABS with S.S. faceplate

Atecpool Lumina Mini Spa LED Panel Lighting - ABS with S.S. trim & 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: Aprrox. 60,000 hrs
- Supplied with 2 m cable
- 16 programs with synchronized capability

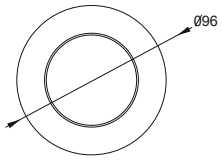
Features

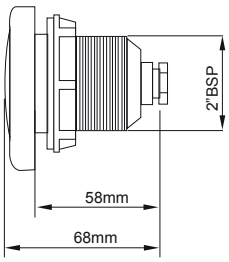
- Consumes 90% less energy than traditional lighting.
- Eco-friendly, no radiation.
- Low power consumption, low heat dissipation.
- Light transmission rate up to 92%.
- PWM technology adopted
- 2" threaded wall conduits suitable for quick connections Lumina Mini ABS Spa Lights

Lumina Mini Spa LED Panel Lighting - ABS with S.S. faceplate



20224S RGB







Lumina Mini Spa Panel Lighting with SS faceplate and ABS niche



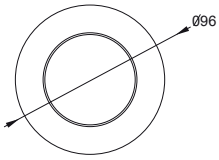
20204S RGB

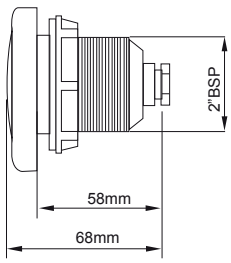
Code				
Threaded Type	**Niche Type**	**Model**	**Power / Voltage**	**Lumen (lm)**
20224S RGB	20204S RGB	Lumina Mini LED ABS with S.S. trim RGB	6W / 12V	350
20224S CW	20205S CW	Lumina Mini LED ABS with S.S. trim Cool White	7W / 12V	600
20224S WW	20206S WW	Lumina Mini LED ABS with S.S. trim Warm White	7W / 12V	560
20224S BLUE	20207S BLUE	Lumina Mini LED ABS with S.S. trim Blue	7W / 12V	165

Lumina Mini Spa LED Panel Lighting - ABS



20224 RGB





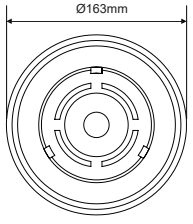


Lumina Mini Spa Panel Lighting with niche and face-plate in ABS



20204 RGB

Code				
Threaded Type	**Niche Type**	**Model**	**Power / Voltage**	**Lumen (lm)**
20224 RGB	20204 RGB	Lumina Mini LED ABS RGB	6W / 12V	350
20224 CW	20205 CW	Lumina Mini LED ABS Cool White	7W / 12V	600
20224 WW	20206 WW	Lumina Mini LED ABS Warm White	7W / 12V	560
20224 BLUE	20207 BLUE	Lumina Mini LED ABS Blue	7W / 12V	165

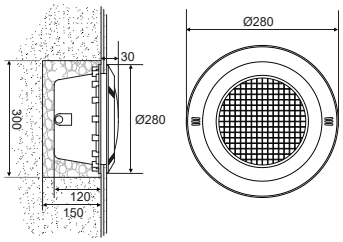


20204 RGB

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.



Specifications

- Electrical Connection: 12V AC
- High Quality Chemical resistant ABS Plastic with UV protection
- Construction: Frame in white ABS, niche in white plastic
- Hose connection with M-25 gland seal body
- Supplied with 3 m cable
- S.S. Locking mechanism for fixing the light in ABS housing

Atecpool ABS Halogen Light - Concrete



81300

Code	Description	Packing	Weight (kg)
81300	ABS Light 300W / 12V with niche concrete	1	2.80
82300	ABS Light 300W / 12V with niche S.S. trim concrete	1	3.15

Atecpool ABS Halogen Light - Liner



81301

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

Atecpool ABS Halogen Light - Pre-fabricated



84300

Code	Description	Packing	Weight (kg)
84300	ABS Light 300W / 12V with niche pre-fabricated	1	3.20
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

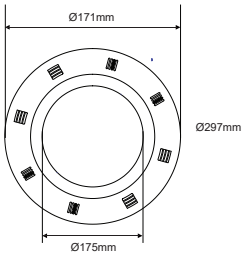
Atecpool Extra Flat ABS Lights
ABS Extra Flat for Concrete

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.



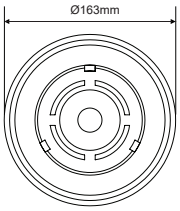
81100



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 38º 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

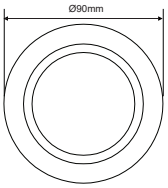
Code	Description	Weight kg	Volume m³
81150	ABS Spa Mini Light 50W / 12V with niche liner	2.50	0.014
81150 S	ABS Spa Mini Light 50W / 12V with niche liner S.S. trim	3.65	0.014

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 38º 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	2.50	0.014



88050

Atecpool Spa Mini Dichro Light 50W / 12V quick connection to 2" threaded wall conduit for concrete and liner pool

Code	Description	Weight kg	Volume m³
80050-01	ABS Spa Mini Dichro Light 50W / 12V threaded concrete	2.50	0.014
88050	ABS Spa Mini Dichro Light 50W / 12V threaded liner	2.90	0.014

Atecpool Vitrage LED Light
3 LED Series



Atecpool Vitrage 3 LED Underwater Light - Symmetrical & Asymmetrical

Vitrage 3 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool & Spa. Water-proof IP68. Available in cool white, warm white, blue and RGB.

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 (12VAC low voltage). H05RN-F 4 x 0.75 mm² L = 2 m (RGB type)
- DMX / DALI controls compatible Vitrage series upon request

Vitrage 3 LED Symmetrical



ATZ1973 CW

Vitrage 3 LED Asymmetrical



ATZ1974 CW

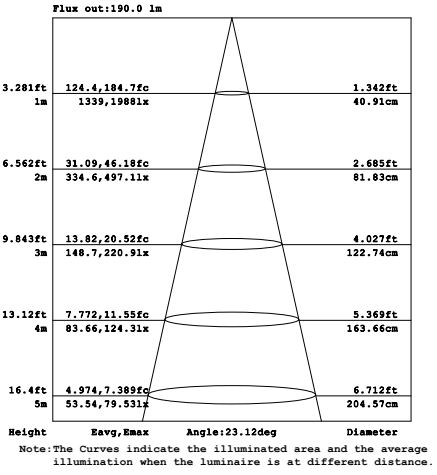
SYMMETRICAL

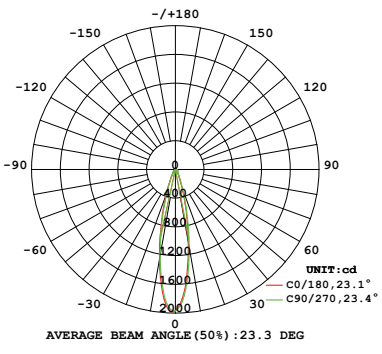
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1973 CW	Vitrage 3 LED Cool White	12V AC	3x3 W	30°	720	Cool White 6000K
ATZ1973 WW	Vitrage 3 LED Warm White	12V AC	3x3 W	30°	640	Warm White 3000K
ATZ1973 B	Vitrage 3 LED Blue	12V AC	3x3 W	30°	220	Single Blue
ATZ1973 RGB	Vitrage 3 LED RGB	24V DC	3x3 W	30°	450	RGB 14 Modes

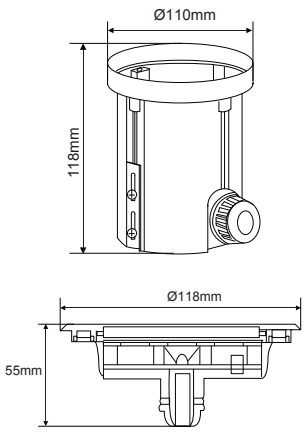
ASYMMETRICAL

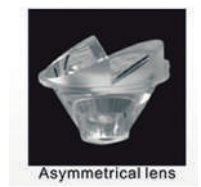
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1974 CW	Vitrage 3 LED Cool White Asymmetrical	12V AC	3x3 W	45° Asymmetrical	725	Cool White 6000K
ATZ1974 WW	Vitrage 3 LED Warm White Asymmetrical	12V AC	3x3 W	45° Asymmetrical	645	Warm White 3000K
ATZ1974 B	Vitrage 3 LED Blue Asymmetrical	12V AC	3x3 W	45° Asymmetrical	225	Single Blue
ATZ1974 RGB	Vitrage 3 LED RGB Asymmetrical	24V DC	3x3 W	45° Asymmetrical	445	RGB 14 Modes

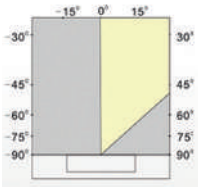
Photometric Data: ATZ1973 CW - 6000K, 30º











Atecpool Vitrage LED Light
6 LED Series



Atecpool Vitrage 6 LED Underwater Light - Symmetrical & Asymmetrical

Vitrage 6 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool & Spa. Waterproof IP68. Available in cool white, warm white, blue and RGB.

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 (12VAC low voltage). H05RN-F 4 x 0.75 mm² L = 2 m (RGB type)
- DMX / DALI controls compatible Vitrage series upon request

Vitrage 6 LED Symmetrical



ATZ1201 CW

Vitrage 6 LED Asymmetrical



ATZ1205 CW

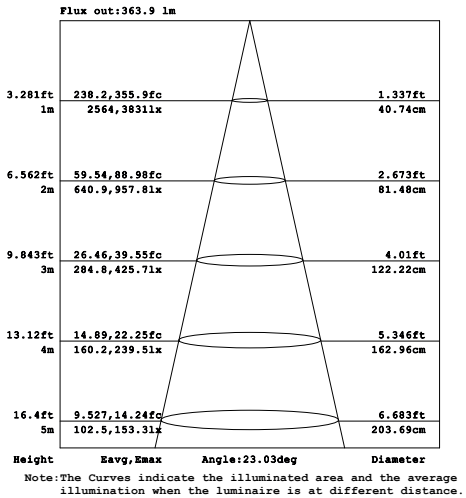
SYMMETRICAL

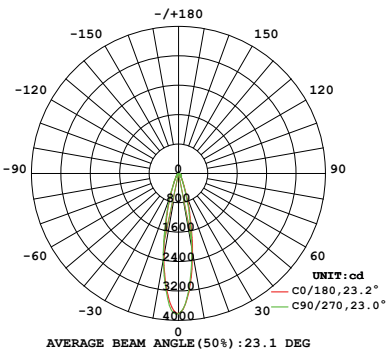
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1201 CW	Vitrage 6 LED Cool White	12V AC	6x3 W	30°	1750	Cool White 6000K
ATZ1201 WW	Vitrage 6 LED Warm White	12V AC	6x3 W	30°	1400	Warm White 3000K
ATZ1201 B	Vitrage 6 LED Blue	12V AC	6x3 W	30°	380	Single Blue
ATZ1201 RGB	Vitrage 6 LED Full RGB	24V DC	6x3 W	30°	925	RGB 14 Modes

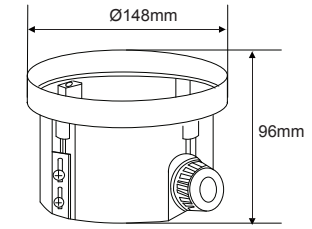
ASYMMETRICAL

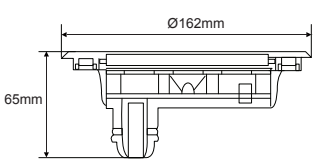
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1205 CW	Vitrage 6 LED Cool White Asymmetrical	12V AC	6x3 W	45° Asymmetrical	1755	Cool White 6000K
ATZ1205 WW	Vitrage 6 LED Warm White Asymmetrical	12V AC	6x3 W	45° Asymmetrical	1405	Warm White 3000K
ATZ1205 B	Vitrage 6 LED Blue Asymmetrical	12V AC	6x3 W	45° Asymmetrical	385	Single Blue
ATZ1205 RGB	Vitrage 6 LED Full RGB Asymmetrical	24V DC	6x3 W	45° Asymmetrical	930	RGB 14 Modes

Photometric Data: ATZ1201 CW - 6000K, 30º

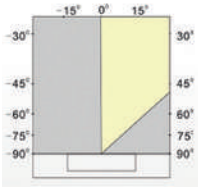




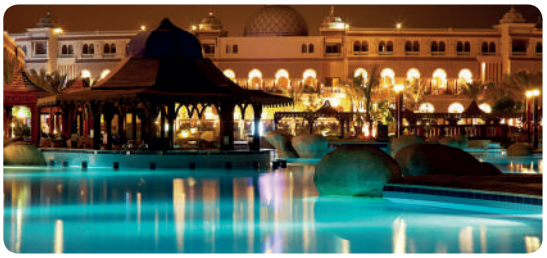








Atecpool Vitrage LED Light
9 LED Series



Atecpool Vitrage 9 LED Underwater Light - Symmetrical & Asymmetrical

Vitrage 9 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool & Spa. Water-proof IP68. Available in cool white, warm white, blue and RGB.

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 = 2m (12VAC low voltage). H05RN-F 4 x 0.75 mm² L = 2 m (RGB type)
- DMX / DALI controls compatible Vitrage series upon request

Vitrage 9 LED Symmetrical



ATZ1202 CW

Vitrage 9 LED Asymmetrical



ATZ1206 CW

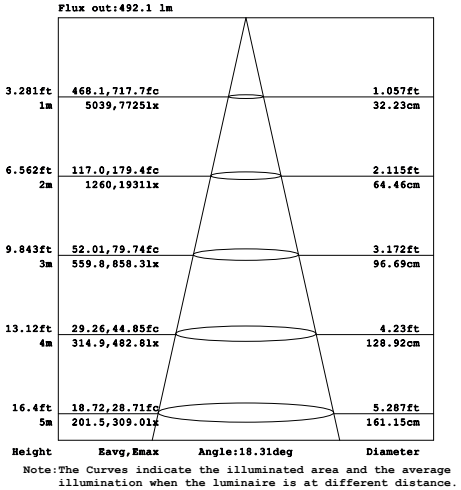
SYMMETRICAL

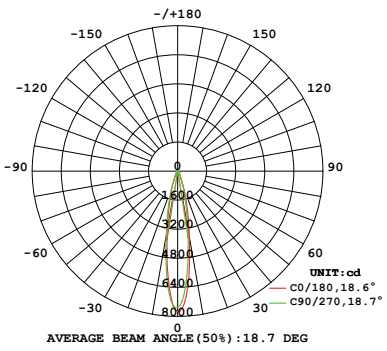
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1202 CW	Vitrage 9 LED Cool White	12V AC	9x3 W	30°	2160	Cool White 6000K
ATZ1202 WW	Vitrage 9 LED Warm White	12V AC	9x3 W	30°	1880	Warm White 3000K
ATZ1202 B	Vitrage 9 LED Blue	12V AC	9x3 W	30°	660	Single Blue
ATZ1202 RGB	Vitrage 9 LED Full RGB	12V DC	9x3 W	30°	1450	RGB 14 Modes

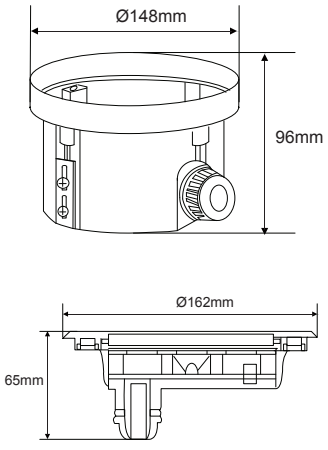
ASYMMETRICAL

Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1206 CW	Vitrage 9 LED Cool White Asymmetrical	12V AC	9x3 W	45° Asymmetrical	2164	Cool White 6000K
ATZ1206 WW	Vitrage 9 LED Warm White Asymmetrical	12V AC	9x3 W	45° Asymmetrical	1884	Warm White 3000K
ATZ1206 B	Vitrage 9 LED Blue Asymmetrical	12V AC	9x3 W	45° Asymmetrical	665	Single Blue
ATZ1206 RGB	Vitrage 9 LED RGB Asymmetrical	12V DC	9x3 W	45° Asymmetrical	1455	RGB 14 Modes

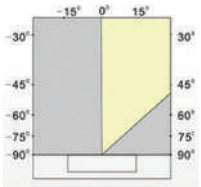
Photometric Data: ATZ1202 CW - 6000K, 30º











Atecpool Vitrage LED Light
12 LED Series



Atecpool Vitrage 12 LED Underwater Light - Symmetrical & Asymmetrical

Vitrage 12 LED Light, complete body construction in AISI 316 Stainless Steel supplied with an ABS niche specially designed for your Pool & Spa. Water-proof IP68. Available in cool white, warm white, blue and RGB.

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 (12VAC low voltage). H05RN-F 4 x 0.75 mm² L = 2 m (RGB type)
- DMX / DALI controls compatible Vitrage series upon request

Vitrage 12 LED Symmetrical



ATZ1811 CW

Vitrage 12 LED Asymmetrical



ATZ1805 CW

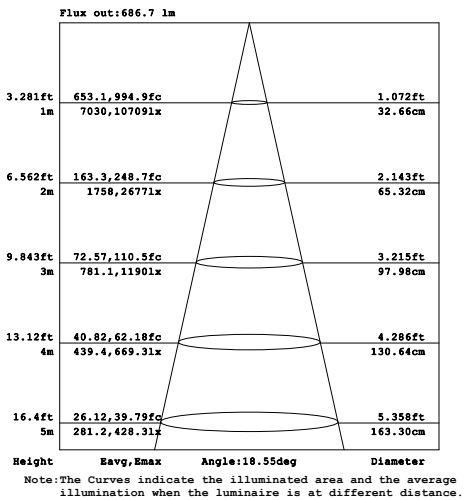
SYMMETRICAL

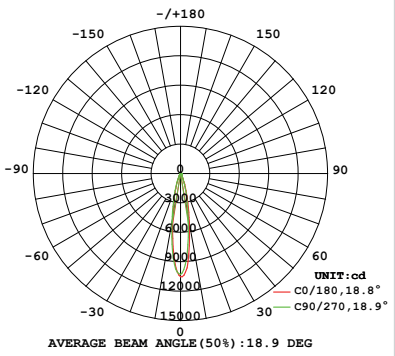
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1811 CW	Vitrage 12 LED Cool White	12V AC	12x3 W	30°	3300	Cool White 6000K
ATZ1811 WW	Vitrage 12 LED Warm White	12V AC	12x3 W	30°	2600	Warm White 3000K
ATZ1811 B	Vitrage 12 LED Blue	12V AC	12x3 W	30°	790	Single Blue
ATZ1811 RGB	Vitrage 12 LED Full RGB	24V DC	12x3 W	30°	1750	RGB 14 Modes

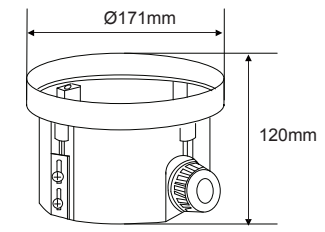
ASYMMETRICAL

Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1805 CW	Vitrage 12 LED Cool White Asymmetrical	12V AC	12x3 W	45° Asymmetrical	3305	Cool White 6000K
ATZ1805WW	Vitrage 12 LED Warm White Asymmetrical	12V AC	12x3 W	45° Asymmetrical	2604	Warm White 3000K
ATZ1805 B	Vitrage 12 LED Blue Asymmetrical	12V AC	12x3 W	45° Asymmetrical	794	Single Blue
ATZ1805 RGB	Vitrage 12 LED Full RGB Asymmetrical	24V DC	12x3 W	45° Asymmetrical	1755	RGB 14 Modes

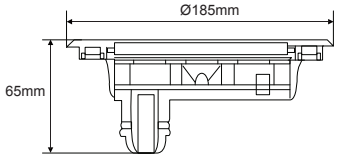
Photometric Data: ATZ1811 CW - 6000K, 30º

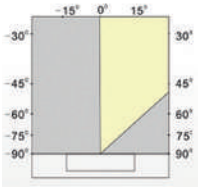












Atecpool Starry Series
Spot LED S.S. 316

Atecpool Starry Series Underwater Spot LED with niche

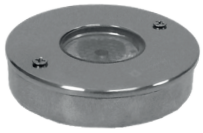
Spot LED S.S. 316, designed for starry effect, complete body construction in AISI 316 Stainless Steel, supplied with an ABS niche specially designed for water features, pool & spa. Waterproof IP68. Available in cool white, warm white, blue and RGB.

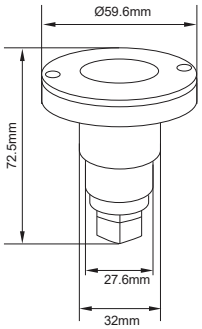
Specifications

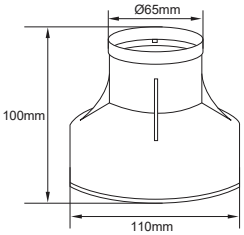
- Made of Stainless Steel AISI 316
- Glass: Step tempered glass T = 8 mm
- Cable gland: IP68 PG11
- Driver: constant current output
- Single colour LED = 1 circuit output
  RGB 3 in 1 LED=3 circuit output
- Application environmental: Temperature of water between -20°C to 40°C less than 1 meter depth
- Power cable: H07RN-F 2X 1.0 mm L =3 m
  (for single colour) H07RN-F 4 X0.75 mm L= 3 m (RGB)
- Mounting sleeve: PVC with IP68 cable & conduit gland



ATZ1073 CW



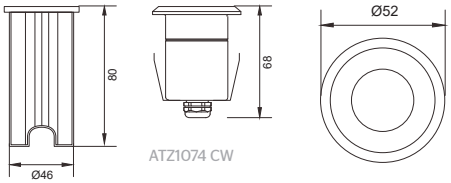




Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temp
ATZ1073 CW	Spot LED Cool White	12V AC	1x3 W	30°	280	Cool White 6000K
ATZ1073 WW	Spot LED Warm White	12V AC	1x3 W	30°	190	Warm White 3000K
ATZ1073 B	Spot LED Blue	12V AC	1x3 W	30°	55	Single Blue
ATZ1073 RGB	Spot LED RGB	24V DC	1x3 W	30°	145	RGB 14 Modes

Atecpool Starry Series Underwater COB LED

Spot LED S.S. 316, designed for a starry effect, complete body construction in AISI 316 Stainless Steel, supplied with pipe type niche for easy installation. 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 cool white and warm white.



ATZ1074 CW

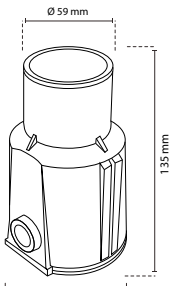


ATZ1074 CW

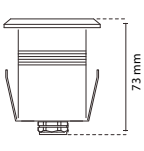


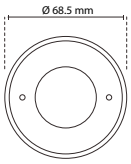
ATZ1073D CW





ATZ1073D CW



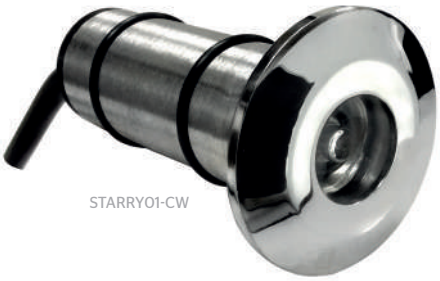


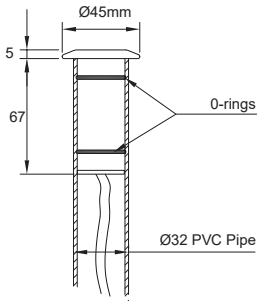
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temp
ATZ1074 CW	COB LED Cool White	12V AC	1x3 W	30°	280	Cool White 6000K
ATZ1074 WW	COB LED Warm White	12V AC	1x3 W	30°	190	Warm White 3000K
ATZ1074 B	COB LED Blue	12V AC	1x3 W	30°	60	Single Blue
ATZ1073D CW	COB LED Cool White	12V AC	1x3 W	30°	280	Cool White 6000K
ATZ1073D WW	COB LED Warm White	12V AC	1x3 W	30°	190	Warm White 3000K
ATZ1073D-5 CW	COB LED Cool White	12V AC	1x5 W	30°	350	Cool White 6000K
ATZ1073D-5 WW	COB LED Warm White	12V AC	1x5 W	30°	260	Warm White 3000K

Atecpool Starry Series
Spot LED Titanium

Atecpool Starry Titanium Underwater Spot LED

Spot LED titanium construction, 1W LED designed for a starry effect. Waterproof IP68. Available in cool white, warm white, red, green, blue and RGB. Suitable for installation inside the Ø32 mm pvc pipes. 5V DC power supply. Supplied with 2 m cable.





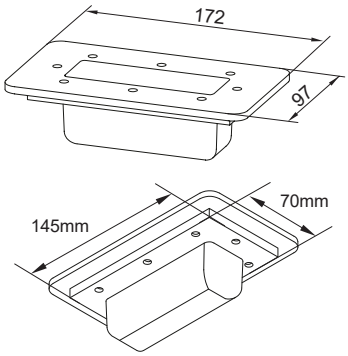
Technical Parameters

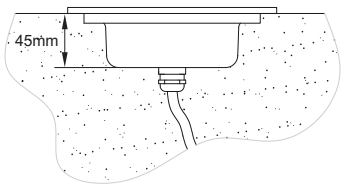
Code	STARRY01-CW	STARRY01-WW	STARRY01-R	STARRY01-G	STARRY01-B	STARRY03
Colour	Cool White	Warm White	Red	Green	Blue	RGB
Power	1W ± 10%W	1W ± 10%W	1W ± 10%W	1W ± 10%W	1W ± 10%W	3W ± 10%W
Input Voltage	5 ± 1VDC	5 ± 1VDC	5 ± 1VDC	5 ± 1VDC	5 ± 1VDC	5 ± 1VDC
Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Lumen	<= 60 lm	<= 54 lm	<= 40 lm	<= 55 lm	<= 13 lm	<= 42 lm
Operation Temperature	-20 ~ 40°C	-20 ~ 40°C	-20 ~ 40°C	-20 ~ 40°C	-20 ~ 40°C	-20 ~4 0°C
Cable Specification	2 x 0.75 mm² TTR	2 x 0.75 mm² TTR	2 x 0.75 mm² TTR	2 x 0.75 mm² TTR	2 x 0.75 mm² TTR	4 x 0.75 mm² TTR

Atecpool Ladder Underwater Light

Designed for pool steps, 3 LED Ladder light. Construction in AISI 316 Stainless Steel, IP 68 class protection. Supplied with 2 m cable. Available in cool white, warm white, blue and RGB.







Technical Parameters

Code	MTL001-CW	MTL001- WW	MTL001-B	MTL003
Colour	Cool White	Warm White	Blue	RGB
Power	3W ± 10%W	3W ± 10%W	3W ± 10%W	9W ± 10%W
Input Voltage	12VAC	12VAC	12VAC	24VDC
Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Lumen	<= 180 lm	<= 162 lm	<= 39 lm	<= 128 lm
Operation Temperature	-20 ~ 40°C	-20 ~ 40°C	-20 ~ 40°C	-20 ~ 40°C
Cable Specification	2 x 0,75 mm² TTR	2 x 0,75 mm² TTR	2 x 0,75 mm² TTR	4 x 0,75 mm² TTR

Atecpool LED Modulator
Control Panel with remote control

Atecpool LED Modulator with remote control

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.

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.

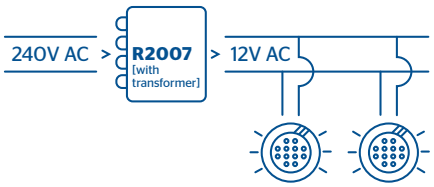




Specifications

- 4 types of 2 core 12VAC 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.

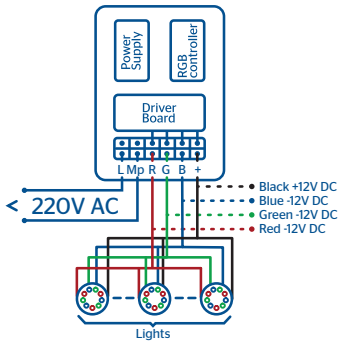
	Code	Description	Power/Voltage
	R2007	Atecpool LED Modulator 2 core with transformer	200W/12V AC (output)
	R2009	Atecpool LED Modulator 2 core w/o transformer	1500W (max) / 220-240VAC (output)
	R2007FX	Atecpool LED Modulator 2 Core with transformer Fixed Color Remote	200W/12V AC (output)
	R2009FX	Atecpool LED Modulator 2 Core w/o transformer Fixed Color Remote	1500W (max) / 220-240VAC (output)
	R2009ATFX	Atecpool LED Modulator 2 Core w/o transformer w/antenna Fixed Color Remote	1500W (max) / 220-240VAC (output)



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 ~ 200W lights 4 cable selection
- Output voltage 12/24V DC for RGB 4 cable selection
- LED Modulator for Starry LED with 5V DC output
- Number of lights can be enhanced on prior request at additional cost

Code	Description	Voltage
RKP001	Atecpool LED Modulator 4 core	12/24V DC
RKP005	Atecpool LED Modulator Starry	5V DC



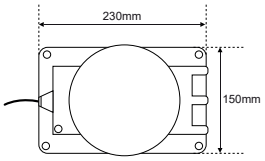
Atecpool Lighting
Accessories

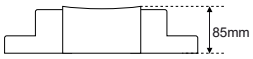
Atecpool Safety Step-down Transformers IP65

Special transformer encapsulated in cast resin material protected by a plastic cover-box. Available from 100W up to 600W with output voltage of 12VAC, variable voltage of 13/14/15/16VAC. 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. Wall mounting. Protection class: IP65 50/60 Hz.



01983100





Code	Primary	Secondary	Power	Dimension L/W/D (mm)
105W / 12VAC Toroidal Transformer IP65				
01983100	220V-240VAC	12VAC	105W	230 x 150 x 85
300W / 12VAC Toroidal Transformer IP65				
01983300	220V-240VAC	12VAC	300W	230 x 150 x 85
400W / 12VAC Toroidal Transformer IP65				
01983400	220V-240VAC	12VAC	400W	230 x 150 x 85
600W / 12VAC Toroidal Transformer IP65				
01983600	220V-240VAC	12VAC	600W	230 x 150 x 85
105W / 14 - 16VAC Variable Voltage Transformer IP65				
01984100	220V-240VAC	14 - 16VAC	105W	230 x 150 x 85
300W / 14 - 16VAC Variable Voltage Transformer IP65				
01984300	220V-240VAC	14 - 16VAC	300W	230 x 150 x 85
400W / 14 - 16VAC Variable Voltage Transformer IP65				
01984400	220V-240VAC	14 - 16VAC	400W	230 x 150 x 85
600W / 14 - 16VAC Variable Voltage Transformer IP65				
01984600	220V-240VAC	14 - 16VAC	600W	230 x 150 x 85

Atecpool Connection Box - ABS / S.S. 316 / Bronze models

Three models for connection boxes manufactured in ABS or SS 316 or Bronze. IP 65 class protection for ABS junction boxes and 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.



01592823



0292020

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
0292023	Circular Connection Box SS 316 six 3/4" BSP threaded inlets/ outlets with PG 16 gland and IP 68 gaskets	6	3/4" BSP / IP68
0292025	Square Connection Box Bronze five 3/4" BSP threaded inlets/ outlets with PG 16 gland and IP 68 gaskets	5	3/4" BSP / IP68
01592833	Flexible Cable Conduit Hose 1 m	-	3/4"
01592833-1	Flexible Cable Conduit Hose 1.8 m	-	3/4"



0292025



0292023



01592833



ATECPOOL
INTERNATIONAL
GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

ECO friendly

Atecpool Inverter Heat Pumps



ATECPOOL Inverter Heat Pumps offer a maximum return on your money and extend 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 15.

ATECPOOL provides wide range of heating solution from Sirocco, Mega and MegaHigh Inverter Heat pumps to On/Off Air to Water heat pumps, High Temperature heat pumps, Water to Water heat pumps and Dehumidification.

Exclusive and extensive range of pool heating by **ATECPOOL** is excelled with design detailing, research engineering and high quality standards leading to Green Revolution with high energy savings and eco friendly solutions.

Atecpool Inverter Heat Pumps

Sirocco Heat Pumps

Eco-friendly & silent heating solution

Temperature Range
18°C - 35°C



The most silent heat pumps

FIVE STARS HEAT PUMP

Mitsubishi Inverter Compressor

Varying Speed

High Temperature Range

ECO friendly

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Sirocco Inverter
Heat Pump

Temperature Range
18°C-35°C

The most efficient heat-cool pump in the market. ECO Friendly pool heating.



- Wi-fi Integrated
- COP up to 10
- Cost Effective
- Easy to Operate

R410A GAS: Innovative refrigerant
Environmental friendly and saves energy

Average COP 10

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

Atecpool Sirocco utilises a simple touch controller which brings the best user-friendly experience.

Simple Classic Touch Controller



Easy Touch
Easy Run

Silent Heat Pump

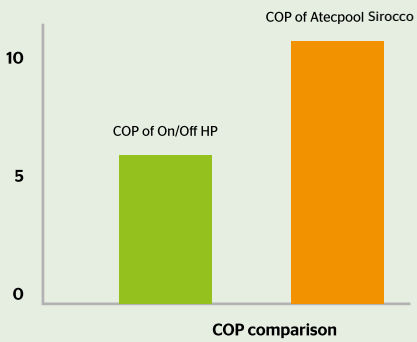
Patented Design

Atecpool Inverter Technology

R32/R410A production line

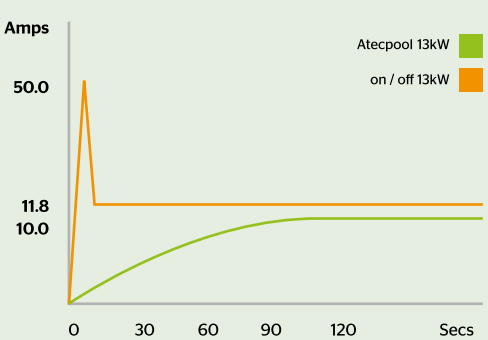
R410A GAS

Double Energy saving than on/off hp



Intelligent system protection

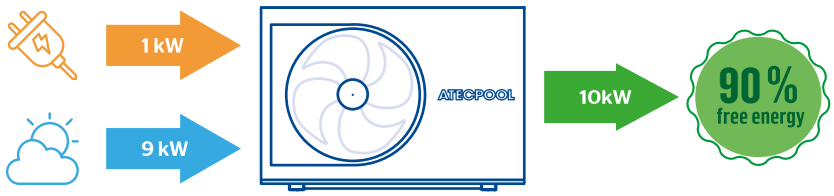
The input current will start from 0 Amps to rated Amps steadly. No rush to house electricity system. Atecpool Sirocco can adapt to wide voltage from 180-260V and adjust the system in different conditions.



Atecpool Sirocco Inverter
Heat Pump

Atecpool Sirocco Heat Pump

Free Energy
Thanks to Atecpool Inverter technology, Atecpool Sirocco provides 90% free energy from ambient air on average.



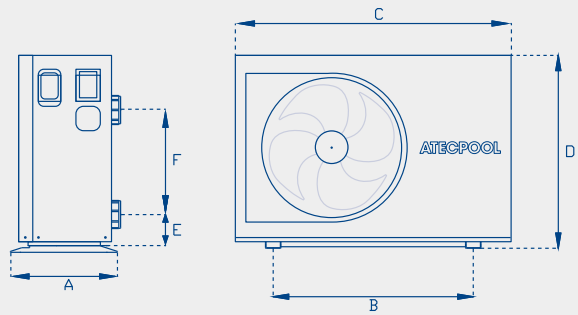
Atecpool Inverter Technology

Stepless DC Inverter
Atecpool inverters' core technology is stepless DC inverter. It adopts stepless invert compressor and DC brushless fan motor. The speed can be adjusted by a single hertz and round at a time, which provides amazing energy saving performance and extreme silence.

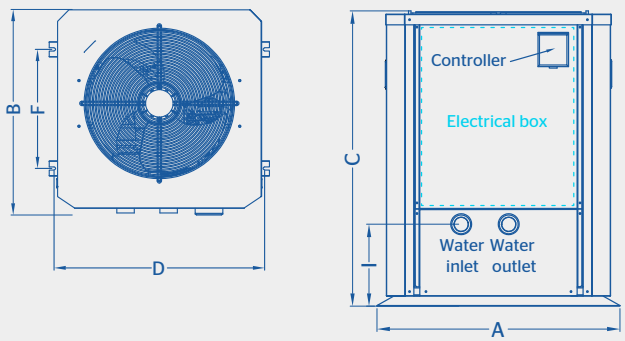
Unique Inverter Control System
Atecpool inverters' control system is specially designed for pool heating. It can adjust the heating capacity precisely according to different heating needs high speed in the beginning of the season, and better energy saving in the rest of the season by low speed.

Intelligent Protection
Atecpool inverters can adapt to a wide range of voltage and adjusts the system in different tough conditions. For example, if an electricity peak or poor ventilation occurs, the system can intelligently slow down for comfortable operation. Thus, it has a longer life span than traditional on/off heat pump.

Atecpool Sirocco Dimensions



Code	A	B	C	D	E	F
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
AIHP115	405	680	1000	660	98	380
AIHP153	405	680	1000	660	98	380
AIHP180	405	680	1000	660	98	380
AIHP212	445	653	1130	775	108	380
AIHP253	445	653	1130	775	108	470



Code	A	B	C	D	F	I
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
AVHP265	795	742	966	760	430	268
AVHP308	795	742	966	760	430	268
AVHP352	900	812	1054	865	500	268
AVHP411	900	812	1054	865	500	268

Atecpool Sirocco Inverter
Heat Pump Specifications

Temperature Range
18°C-35°C

Atecpool Sirocco Inverter Side Discharge



Atecpool Sirocco
Side Discharge

R410A GAS

Model		AIHP115	AIHP153	AIHP180	AIHP212	AIHP253
Ambient air temperature: 27ºC, water temperature: 26ºC, humidity 80%						
Heating	Heating capacity (kW)	11.5	15.3	18	21.2	25.3
	Power input (kW)	1.79	2.41	2.83	3.59	4.36
	COP	14.5-6.4	14.4-6.35	14.2-6.36	14.3-5.91	14.48-5.8
Ambient air temperature: 15ºC, water temperature: 26ºC, humidity 70%						
Heating	Heating capacity (kW)	8.23	11.15	13.33	14.2	16.7
	Power Input (kW)	1.614	2.226	2.693	2.88	3.394
	COP	7.81-5.1	7.64-5.01	7.55-4.95	7.45-4.93	7.58-4.92
Ambient air temperature: 43ºC, water temperature: 30ºC, humidity 70%						
Cooling	Cooling capacity (kW)	5.75	7.65	8.3	9.6	10.65
	Power Input (kW)	2.90	4.11	4.53	5.36	5.98
	EER	4.25-1.98	4.15-1.86	4.08-1.83	4.01-1.79	4.10-1.78
Power supply (V/Ph/Hz)		220V~240V/1P/50~60Hz			380~415V/3Ph/50~60Hz	
Max. power input (KW)		3	4.2	4.6	5.4	6
Max. current (A)		13.7	18.2	19.8	10.5	10.9
Compressor Brand		Mitsubishi (DC Inverter)				
Fan Quantities		1				
Heating temperature range		15°C - 35°C				
Cooling temperature range		18°C - 40°C				
Air Side Heat Exchanger		Hydrophilic Aluminum Fin & Copper Tube				
Water Side Heat Exchanger		Titanium Tube in PVC Tank				
Water Connection (mm)		50				
Noise Level at 1m dB(A)		33-47	35-47	35-47	37-48	37-48
Refrigerant	Type	R410A				
	Charged (kg)	0.63	0.95	1.35	1.5	1.9
Advised water flow (m³/h)		5	6	7	9.1	10.8
Fan Power Input (W)		60	60	60	120	120
Fan Speed (rpm)		850	850	850	850	850
Fan Airflow (cfm)		3000	3000	3000	5000	5000
Water pressure drop (kPa)		30	30	30	50	50
Net dimension LxWxH (mm)		980 x 398.5 x 660			1095 x 455 x 766	
Net/Gross Weight (kg)		44/57	47/60	52/65	75/84	85/94

Atecpool Sirocco Inverter
Heat Pump Specifications

Temperature Range
18°C-35°C

Atecpool Sirocco Inverter Top Discharge



Atecpool Sirocco
Top Discharge

R410A GAS

Model		AVHP265	AVHP308	AVHP352	AVHP411
Ambient air temperature: 27ºC, water temperature: 26ºC, humidity 80%					
Heating	Heating capacity (kW)	26.5	30.8	35.2	41.1
	Power input (kW)	4.344	5.06	5.77	6.95
	COP	14.82-6.1	14.7-6.09	14.81-6.1	14.74-5.91
Ambient air temperature: 15ºC, water temperature: 26ºC, humidity 70%					
Heating	Heating capacity (kW)	17.87	19.84	24.56	28.1
	Power input (kW)	3.74	4.17	5.25	5.98
	COP	7.05-4.78	7.28-4.76	6.84-4.68	7-4.7
Ambient air temperature: 35ºC, water temperature: 28ºC, humidity 70%					
Cooling	Cooling capacity (kW)	14.84	15.5	17.4	19.8
	Power input (kW)	5.819	6.01	6.7	7.48
	EER	4.95-2.55	4.98-2.58	5.01-2.64	5.03-2.66
Ambient air temperature: 43ºC, water temperature: 30ºC, humidity 70%					
Cooling	Cooling capacity (kW)	12.25	13.4	15.6	17.55
	Power input (kW)	6.03	6.47	7.57	8.43
	EER	4.45-2.03	4.43-2.07	4.41-2.06	4.44-2.08
Power Supply (V/Ph/H)		380-415V/3Ph/ 50-60Hz			
Max Power input (kW)		6.1	6.5	7.3	8.0
Max Running Current (A)		10.9	11.6	13.0	14.3
Refrigerant		R410A			
Compressor Brand		Mitsubishi (DC Inverter)			
Air Side Heat Exchanger		Hydrophilic Aluminum Fin & Copper Tube			
Water Side Heat Exchanger		Titanium Tube in PVC Tank			
Water Connection (mm)		50			
Advised water flow (m³/h)		9	10	12	14
Heating Temperature Range		15°C - 35°C			
Cooling Temperature Range		18°C - 40°C			
Noise Level at 1m dB(A)		43-49	43-49	45-51	45-52
Fan Power Input (W)		185	185	230	230
Fan Speed (rpm)		800	800	800	800
Fan Airflow (cfm)		6500	6500	7200	7800
Water Pressure drop (kPa)		45	45	50	60
Net Dimension LxWxH (mm)		760 x 687 x 963	714 x 732 x 955	900 x 812 x 1060	
Net/Gross Weight (kg))		105/120	108/123	137/152	140/155

Atecpool Mega Inverter Heat Pumps

FIVE STARS HEAT PUMP

High Capacity Inverter

For Commercial Installations



R410A GAS

Less than 53dB

The most silent heat pumps

- Wi-fi Integrated
- Cost Effective
- COP up to 15

ECO friendly

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Mega Inverter
Heat Pump

Powerful saving commercial inverter



Easy Touch
Easy Run

WiFi Built-in
Touch Controller

Comfort Silence
53dB(A) at 1m

DC Inverter: Average COP 10

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

Silent Heat Pump

Patented Design

Atecpool Inverter Technology

R32/R410A production line

R410A GAS

Specifications

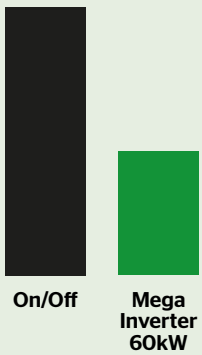
- Reverse cycle defrosting.
- 0-52ºC operation.
- Aluminium-alloy casing.
- Mistubishi Twin-Rotary Inverter Compressor.
- EEV Technology - 20% higher efficiency than capillary.
- Twisted Titanium Heat Exchanger - 40% higher efficiency.

Double Energy saving than on/off HP

Heat pump	Mega Inverter 60kW	On/Off HP 60 kW
COP (air 27ºC / water 27ºC)	10.5 @50% Capacity	5
Input power	2.86 kW	12 kW
Heating time (for 1ºC)	9.67 hrs	4.83 hrs
Daily consumption	27.66 kWh	57.96 kWh
Yearly consumption (180 days)	4978.8 kWh	10432.8 kWh

Formula: kW*h=T*V(m^3)*1.16

Above calculation is just a reference when maintaining pool temp for well isolated pool under air 27ºC / water 27ºC



Atecpool Mega Inverter
Heat Pump Specifications

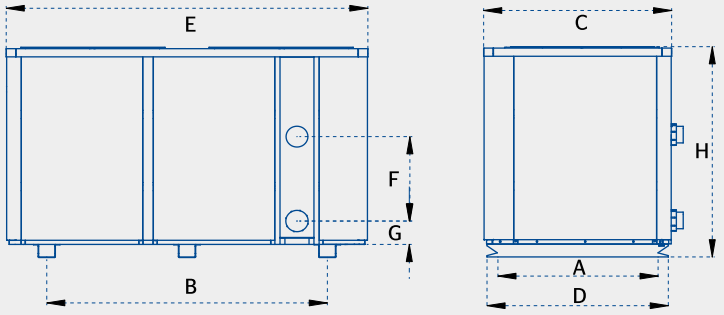
Mega Inverter Heat Pump Specification

Model	AMHP060	AMHP090
Performance condition: Air 27°C/ Water 27°C/ Humid. 80%		
Heating capacity (kW)	60,2	115,0
Average COP at 50% speed	10,5	10,0
Performance condition: Air 15°C/ Water 26°C/ Humid. 70%		
Heating capacity (kW)	40,1	80,8
Average COP at 50% speed	7,0	7,0
Performance condition: Air 45°C/ Water 32°C/ Humid. 80%		
Cooling capacity (kW)	25.1	50.3
Technical specifications		
Operating air temp. (ºC)	0ºC ~ 55ºC	
Heat exchanger	Twisted Titanium Heat Exchanger	
Refrigerant Gas	410A	
Fan direction	Vertical	
Fan quantity	1	2
Fan air flow (cfm)	20000	38000
Fan input power (W)	500	500x2
Fan rotate speed (rpm)	800	800
Power Supply	400~415V / 3 Ph / 50Hz	
Rated input power (kW)	2.26~8.90	4.68~17.5
Rated input current (A)	3.27~12.9	6.78~25.3
Sound level at 1m dB(A)	53.0~61.0	55.0~64.0
Sound level 50% at 1m dB(A)	55	58
Sound level at 10m dB(A)	33.0~41.0	35.0~44.0
Advised water flow (m³/h)	20~25	40~50
Water connection (mm)	75	110
Net dimension LxWxH (mm) approximate	1000*1110*1260	2100*1090*1280
Net Weight (kg)	212	459

Notes:

* The data above is only for reference. For specific data, please refer to the nameplate on the unit.
* Advised pool volume applies to a private pool with an isothermal cover

Atecpool Mega Inverter Dimensions



Code	A	B	C	D	E	F	G	H
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
AMHP060	1000	660	1110	1070	1000	780	105	1260
AMHP090	1000	1630	1090	1050	2100	510	140	1280

Atecpool MegaHigh Inverter
Heat Pump

Atecpool MegaHigh Inverter for large water bodies





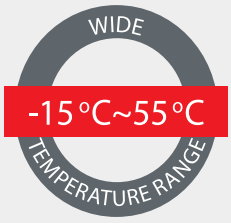
Full Inverter Technology equipped with high quality DC Mitsubishi compressor and DC fan motor. COP achieved upto 16.1 and EER upto 5.3. High energy efficiency units for commercial installations.

Display & Central Control

Two Display Options : 5 inch LCD Color Display / 7 inch LED Display. Equipped with a 64-bit chip, 0.1degC accurate temperature control and PID automatic defrosting.

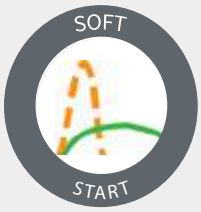
Practical Cabinet Structure

The classic vertical wind outlet type saves ground space to accommodate more units.



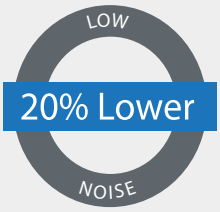
Broad Climate Suitability

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 keep the operating noise 20% lower.



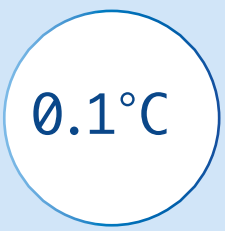
Centralized Control (RS485)



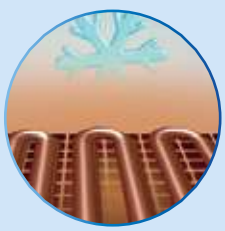
64Bit Processor



PID Control



Precise Control



Automatic Defrost

Atecpool MegaHigh Inverter
Heat Pump

MegaHigh Inverter Heat Pump Specification





Specification		Code	
		AMHP110	AMHP170
Heating capacity air 27°C / water 26°C / humidity 80%			
Heating Capacity	kW	80	175
Consumed Power	kW	0.76-10.65	1.76-20.97
COP		6.1-16.1	6.2-16.0
Heating capacity air 15°C / water 26°C / humidity 70%			
Heating Capacity	kW	60	135
Consumed Power	kW	1.96 ~ 5.96	2.61 ~ 20.41
COP		4.91 ~ 8.4	4.90 ~ 8.5
Cooling capacity air 43°C / water 26°C / humidity 70%			
Cooling Capacity	kW	42	96
Consumed Power	kW	2.94 ~ 7.37	13.81 ~ 13.85
EER		4.1 ~ 5.1	4.3 ~ 5.3
Cooling capacity air 53°C / water 35°C / humidity 80%			
Cooling Capacity	kW	25	75
Consumed Power	kW	2.02 ~ 6.28	10.73 ~ 17.79
EER		3.00 ~ 4.05	3.08 ~ 4.1
Operating Air temperature	°C	-15 ~ 55	
Power Supply	V / Ph / Hz	380-415V~/3Ph-50Hz	380-415V~/3Ph-50Hz
Rated Input current	A	21	47
Casing Type		metal sheet	metal sheet
Compressor		Mitsubishi DC type	
Fan quantity		2	2
Fan power input	W	200x2	1300x2
Fan rotate speed	rpm	850	850
Fan direction		vertical	vertical
Fan airflow	cfm	18000	22500
Sound Pressure 1m	dB(A)	60	63
Sound Pressure 10m	dB(A)	40	43
Water connection	mm	63	110
Advised water flow	m³/h	25	45
Net dimensions (LxWxH)	mm	1750x840x1750	2170x1150x2130
Refrigerant gas		R410A	R410A

Atecpool Reversible Cycle Heat Pump

Air/Water Heat Pumps

Heating and Cooling



ECO friendly

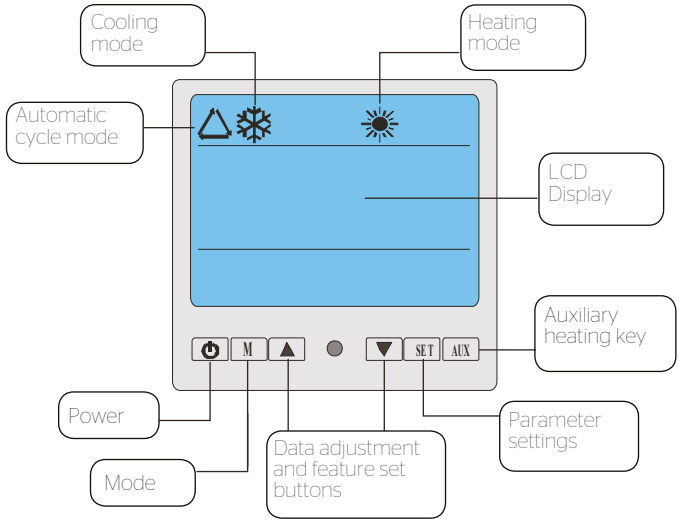
ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Air/Water Heat Pump
Outdoor Installation



Atecpool Air/Water Heat Pump

- Atecpool Reversible cycle heat pump can be used for heating and cooling swimming pools, spas or other water bodies.
- 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 as electricity. Our heat pumps are designed to heat your pool by extracting ambient heat from the atmosphere. This heat is then transferred into a refrigerant gas which is compressed and heated further. The heat is then transferred into the pool water, and heats your pool.
- With a Coefficient of Performance (COP) of greater than 5.8 at an air temperature of 26°C and over 4.5 at just 15°C, ATECPOOL heat pumps are 15-30% more efficient than competitive units. This remarkable efficiency can save up to 80% on running costs when compared to alternative gas or electric pool heating.
- 16 programs with synchronization capability,
- 2 Years manufacturer warranty.
- Whisper-quiet operation
- Quality, reliability and durability
- 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.



Let's start swimming all year round!

Reversible Cycle Heat Pump
Outdoor Installation

Atecpool Air/Water Heat Pump



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 to run
- Incredibly efficient Japanese inverter technology
- Quietest operation
- Top quality, maximum durability titanium heat exchanger
- Installation is quick and easy

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.

Reversible Cycle Heat Pump
Outdoor Installation

Atecpool Air/Water Heat Pump Specification		Model / Code						
		03310020H	03300030	03300040	03300050	03300060	03310070	03300080
Heating capacity	kW	8.8	13	17	21	25	35	45
	BTU /hr	30000	44000	58000	72000	86000	120000	150000
Heating Power Input	kW	1.9	2.65	3.7	4.6	5	7.5	9.5
Cooling Capacity	kW	5.8	8.8	12	14.5	17.4	25	34
	BTU /hr	19720	30000	41000	49500	59500	86000	116000
Cooling Power Input	kW	2.1	2.85	3.9	5.2	5.8	8.4	9
Running current	A	8.6 / 9.6	13.6 / 14.3	18.0 / 19.1	7.1 / 7.35	8.91 / 10.33	13.2 / 14.5	15.7 / 16.4
COP		5.1	5.1	5.0	5.0	5.1	5.0	4.9
Power Supply	V / PH / HZ	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz
Compressor Quantity		1	1	1	1	1	2	2
Compressor		Rotory	Rotory	Scroll	Scroll	Scroll	Scroll	Scroll
Fan Quantity		1	1	1	1	1	2	2
Fan Input Power	W	150	200	200	200	200	200 x2	200 X 2
Fan Rotate Speed	rpm	850	830	830	830	830	830	830
Fan Airflow	cfm	3330	6960	6960	6960	6960	13920	13920
Fan direction		Horizontal	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Noise	dB (A)	50	51	51	51	54	59	61
Water connection	mm	50	50	50	50	50	50	63
Water Flow volume	m^3/h	3	6	7.5	8	9	10	14
Water pressure drop (max)	kPa	8	8	10	12	12	15	15
Unit net dimensions (L/W/H)	mm	1010*420*650	660*660*860	660*660*860	660*660*860	660*660*860	1448*725*976	1450*730*1250
Unit net weight	kg	77	86	100	125	150	200	250

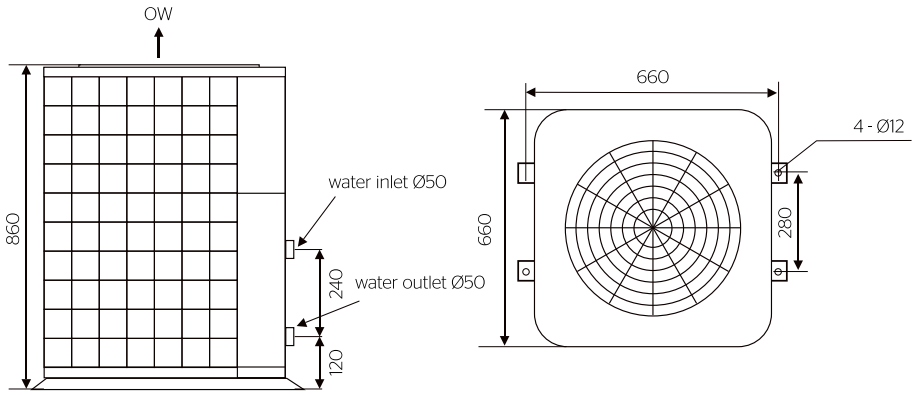
Atecpool Air/Water Heat Pump Specification		Model / Code						
		03300090	03310100	03310110	03310120	03310130	03310140	03310160
Heating capacity	kW	55	75	90	105	145	160	210
	BTU /hr	187000	255000	306000	357000	493000	550000	714000
Heating Power Input	kW	11	16.7	17.5	22.5	30.2	34.2	46,3
Cooling Capacity	kW	42	56	70	88	106	120	150
	BTU /hr	143000	190400	238000	300000	360400	410000	510000
Cooling Power Input	kW	10.3	17.2	17.8	24.7	32.1	41.6	56.2
Running current	A	18.0 / 19.2	29.8 / 30.6	31.2 / 31.7	40.1 / 44.0	53.9 / 57.3	61.0 / 74.2	81.8 / 99.1
COP		4.9	4.49	4.7	4.5	4.80	4.7	4.5
Power Supply	V / PH / HZ	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz
Compressor Quantity		2	3	3	4	3	3	4
Compressor		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Fan Quantity		2	3	3	3	3	3	4
Fan Input Power	W	200 X 2	200 X 3	200 X 3	200 X 3	550 X 3	550 X 3	550 X 4
Fan Rotate Speed	rpm	830	830	830	830	870	870	870
Fan Airflow	cfm	13920	19500	19500	19500	22500	22500	30000
Fan direction		Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Noise	dB (A)	61	61	62	62	64	65	65
Water connection	mm	63	63	63	110	110	110	110
Water Flow volume	m^3/h	18	25	30	32	36	40	60
Water pressure drop (max)	kPa	15	16	16	16	23	24	24
Unit net dimensions (L/W/H)	mm	1450*730*1280	2150*760*1310	2150*760*1310	2170*1065*1930	2170*1065*2100	2170*1065*2100	2850*1108*2220
Unit net weight	kg	265	360	370	695	752	950	1350

Data sheet is based on capacities:
Cooling: Ambient air temperature: 42º / 36º C - Water temperature: 33º C // **Heating:** Ambient air temperature: 23º / 18º C - Water temperature: 26º C

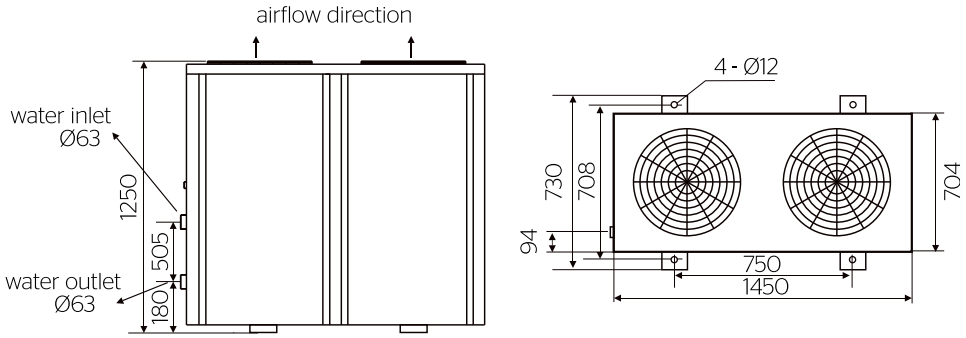
Reversible Cycle Heat Pump
Outdoor Installation

Atecpool Air/Water Heat Pump

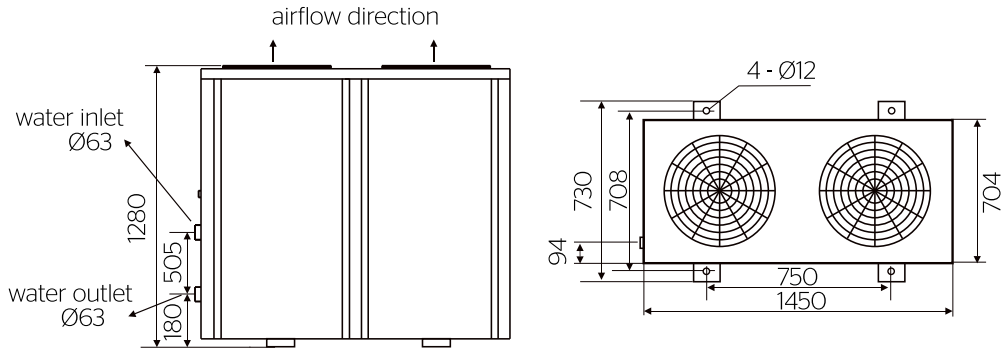
03300060
Heating capacity 25 kW
Cooling capacity 17.4 kW



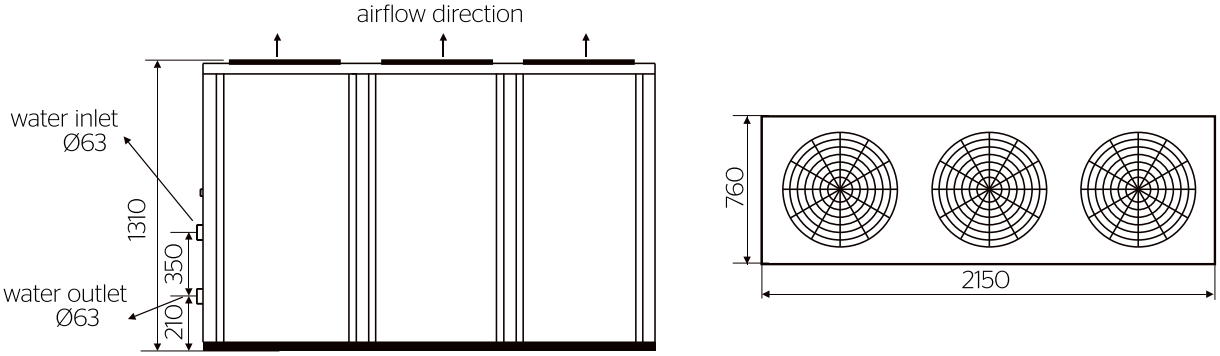
03300080
Heating capacity 45 kW
Cooling capacity 34 kW



03300090
Heating capacity 55 kW
Cooling capacity 42 kW



03310110
Heating capacity 90 kW
Cooling capacity 70 kW



Atecpool MaxChill Series
Water Chillers

Atecpool MaxChill water chillers

Ideal for plunge pools and water immersion pools for sports recovery. Atecpool Water Chillers provide low temperatures reaching 10°C for cold water treatment. Anti-Corrosive Titanium Heat Exchanger combined with a R410 refrigerant compressor for low water temperatures.



>> Low water temperature upto 10°C <<

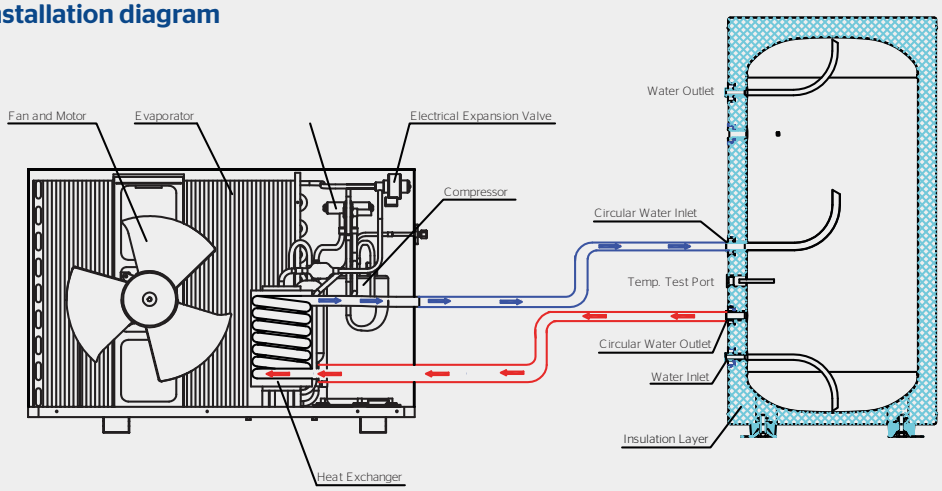
Suitable for cooling

- Swimming pool
- Spa
- Roof water tanks

Working principle

The technology is based on the same principle employed in air conditioners and refrigerators, delivering up to five times more energy than it consumes in electricity. Chillers are designed to give low temperatures to water body by extracting ambient heat from the surrounding air.

Installation diagram



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



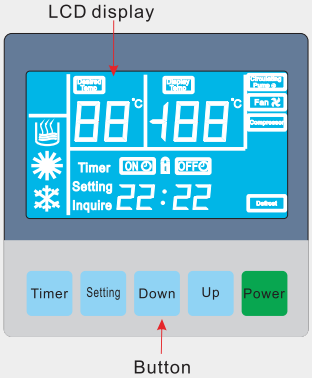
Atecpool Maxchill Series
Water Chillers



Specification		Model / Code		
		ACU-200	ACU-300	ACU-500
Chilled water @ 35°C ambient				
Cooling Capacity Rating	kW	7.5 (2 Ton)	12.35 (3.5 Ton)	18 (5 Ton)
Rated Power Input	kW	2.50	4.10	6.0
Rated current	Amps	12.10	18.60	11.40
Chilled water @ 46°C ambient				
Cooling Capacity Rating	kW	6.25	10.30	15.0
Rated Power Input	kW	2.70	4.40	6.40
Rated current	Amps	12.80	20.0	12.20
Min Cooling Water Temp			10°C	
Incoming Cable Size		3 Core x 2.5mm² Cu	3 Core x 4.0mm² Cu	5 Core x 2.5mm² Cu
Power Voltage		220V / 50Hz	220V / 50Hz	380V / 50Hz
Compressor Brand		Panasonic	Panasonic	Panasonic
Compressor		Scroll*1	Scroll*1	Scroll*1
Heat Exchanger		Titanium Tube Heat Exchanger in PVC shell		
Refrigerant		R410A	R410A	R410A
Electric Expansion Valve		DPF2.4	DPF3.0	DPF3.0
Defrost		Included		
Cabinet		Galvernized Steel Casing		
Water Connection Port	mm	Exterior 50mm/ Interior 40mm		
Fan Blade Material		Axial Fan Plastic Blade	Axial Fan Plastic Blade	Axial Fan Metal Blade
Fan Input Power	W	200	400	400
Fan Rotate Speed	rpm	850	850	850
Noise	dB(A)	49	58	58
Adviced water flow	m^3/h	8-10	12-15	12-15
Water pressure drop	kPa	14	15	15
Unit net dimensions	mm	630*605*780	810*810*1050	810*810*1350
Net Weight	Kg	94	105	160

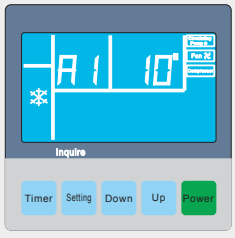
LCD Display and functions

MaxChill features more accurate and durable commercial grade digital controllers with user friendly features.



◆Illustration for the buttons

- power — unit unlock, turn on/off
- UP — increase (setting parameters of the functions)
- down — decrease (setting parameters of the functions)
- setting — Query and function setting
- timer — Clock and timer switch setting



HiHeat Hot Water Heat Pump
Outdoor Installation

Outlet water temperature up to 80°C



Suitable for

- 5 Star Hotels
- Hospitals
- Printing & Packaging
- Textile industry
- Food Processing Industry
- And other industries

HiHeat Hot Water Reversible Cycle Heat Pump, Air/Water cycle with its heat power capability of producing hot water up to 80°C is equipped with an inbuilt Grundfos circulation pump, patented Tube in Shell Heat Exchanger and Copeland compressor with R134A refrigerant.

Low Operating Cost

Environmentally Friendly

80°C Hot Water Outlet

EVI Technology

Multiple Protections

Wide Operation Range

HiHeat Highlights

- **Low operating cost:** The operating cost is very low compared with conventional heat sources, such as electricity, coal, gas and diesel.
- **Environmental Friendly:** Adopting R134A refrigerant of lower GWP, means the air pollution emission is zero, which is very environmental-friendly compared with coal.
- **80°C Hot Water Outlet:** With stable hot water supply, the unit can be widely used in different industrial applications.
- **EVI Technology:** With EVI technology, the unit can work stably for hot water application.
- **Multiple-Protections:** The multiple protective design ensure the unit's long service life and stable operation.
- **Wide Operation Range:** With advanced 4-way-valve applied in the unit, the unit can be used in any environment from -7°C to 45°C.

HiHeat Hot Water Heat Pump
Outdoor Installation

HiHeat Hot Water Heat Pump Specification



Specification		Model / Code			
		ATHP30	ATHP50	ATHP70	ATHP120
Hot Water Capacity (Air 20/15°C, Water 15-65°C)	kW	19.0	35.0	70.0	135.0
Power Input	kW	5.3	9.2	19.0	38.6
COP	W/W	3.58	3.68	3.68	3.50
Hot Water Volume	l/h	326	602	1204	2321
Max. Power Input	kW	7.5	18.1	36.2	64.4
Max. Running Current	A	14.3	32.3	64.6	108.5
Power Supply	V/Ph/Hz		380~415V/3N~/50Hz		
Compressor Quantity		1	1	2	4
Compressor Type			Scroll		
Compressor Brand			Copeland		
Fan Quantity		2	1	2	2
Circulation Water Pump		Grundfos CM 3-3	Grundfos CM 5-3	Grundfos CM 10-2	-
Fan Motor Input	W	200x2	750	750x2	1800x2
Minimum Flow Required	m³/h	3.3	6.0	12.0	23.2
Water Pressure Drop	kPa	25	38	42	45
Water Connection		1.2" inch	DN40 flange	DN65 flange	DN80 flange
Noise	dB(A)	58	65	68	70
Air Volume	m³/h	5000x2	12000x1	14000x2	23000x2
Air Discharge Type		Horizontal	Vertical	Vertical	Vertical
Max. Outlet Water temp.	°C		80		
Operation range	°C		-7~45		
Condenser			Patented tube in Shell Heat Exchanger		
Evaporator			High Efficiency Aluminium Finned Heat Exchange		
Defrosting			by 4-Way Valve		
Controller			PC Controller		
Display			5 inch Smart Central Display		
Refrigerant			R134A		
Cabinet			Eco-friendly Galvanized Metal / (Stainless Steel optional)		
Net Weight	kg	219	468	600	1050
Gross Weight	kg	238	512	643	1100
Net Dimensions (L/W/H)	mm	1175×400×1605	1195×980×1900	1930×1050×1980	2350×1150×2370

Data sheet is based on capacities:
Test Conditions: Ambient temperature 20°C/15°C, water circulation from 15°C to 65°C.
The data above is for reference only. For more specific data, please refer to the nameplate on the unit.

Climatic Water/Water Heat Pump
Water Source Heat Pump

Atecpool Climatic Water Source Heat Pump

Water-to-Water Heat Pump is a system of heating or cooling that involves the transfer of heat by a circulating fluid (as water or vapor) in a closed system of pipes.

Atecpool Climatic ATWSHP Series for heating includes a special high temperature scroll compressor coupled with heat exchangers designed specifically for water heating, which provides unmatched efficiency and performance. The evaporator is a tube-in-shell heat exchanger that is capable of operation over a wide range of temperatures, and is more rugged than other types of evaporators. The condenser uses a close approach tube-in-shell heat exchanger as well.

Perfect Solution for industrial water heating



Suitable for

- Pharmacy Industry
- Gas boilers replacement
- Dairy Requirement Sterilization
- Sewage Treatment
- Desalination Plants

High COP | **Various Applications** | **Higher ROI** | **More Reliable** | **Compact Design & Flexible installation**

Climatic Series Highlights

- **IEER > High COP:** High heat transfer efficiency enables it to have high energy saving performance.
- **Various Applications:**
  Compatible with existing water chillers for hot water & cooling
  Compatible with existing cooling tower for factory process cooling & hot water
- **Higher ROI:** Low cost water heating and free air cooling, flexible installation and combination solution equals to high ROI in the long run.
- **More Reliable:** Durable and reliable; the unit can run stably all year around without being affected by ambient temperature.
- **Compact Design & Flexible installation:** The multi-connected heat exchanger design makes it compact, thus able to adjust to various installation locations.

Climatic Water/Water Heat Pump
Water Heat Pump

Atecpool Climatic Water Source Heat Pump



Climatic Series Specifications

- Compact water-to-water heat pump for indoor or outdoor installation.
- With suction gas cooled scroll compressor.
- With extensive tube-in-shell Heat Exchanger as tube evaporator and coaxial condenser.
- Refrigerant cycle with thermostatic expansion valve, filter, gas-liquid separator, high and low pressure switches.
- With efficient automatic defrosting by hot gas principle.
- Electric and terminal box, with control and disturbance signaling.
- Heating regulator for mounting to walls.
- Refrigerant as R134A.

Water Connections

- Water connections to be done on site.
- Heating and condensation connections of flexible pipes with external thread.

Condensation Connections

- The water connections and the drain pipelines must be protected against frost on sites in freezing climates.
- It's always recommended and necessary to insulate the water pipes from W2W to water bodies when there is a long distance between them, to maintaining the heat.

Climatic Water/Water Heat Pump
Water Source Heat Pump

Atecpool Climatic Water Source Heat Pump Specification



Specification			Model / Code		
			ATWSHP210	ATWSHP230	ATWSHP270
Heating Capacity*		kW	33.6	67.1	134.2
Cooling Capacity*		kW	25.5	50.9	101.9
Power Input*		kW	7.9	15.8	31.6
COP*		W	4.24	4.24	4.24
EER*		W	3.16	3.20	3.22
Heating Capacity**		kW	28.9	57.8	115.6
Cooling Capacity**		kW	18.9	37.8	75.6
Power Input**		kW	10.4	20.8	41.7
COP**		W	2.77	2.77	2.77
EER**		W	1.78	1.81	1.82
Max. Power Input		kW	15	25	46
Max. Running Current		A	25	45	90
Power Supply		V / Ph / Hz	380-415V/3N-/50Hz		
CompressorType			Copeland ZW150KBE-TFP-522 Scroll Compressor		
Compressor Quantity			1	2	4
Evaporator	Type		Tube in Shell Heat Exchanger		
	Water Flow	m³/h	5.0	10.0	20.0
	Water Pressure Drop	kPa	20.4	38.6	54.5
	Water Connection		DN32	DN80	DN80
Condenser	Type		Tube in Shell Heat Exchanger		
	Water Flow	m³/h	4.6	9.1	18.2
	Pressure Drop	kPa	16.5	30.9	41.5
	Water Connection		DN32	DN80	DN80
Noise		dB(A)	65.0	68.0	69.0
Refrigerant			R134A		
Controller			Multi-function Controller		
Display			5 Inch Colorful Touch Display		
Max Outlet Water Temperature		°C	80		
Cabinet			Eco-friendly Galvanized Metal / Stainless Steel for option		
Net Weight		kg	202	441	866
Net Dimensions (L/W/H)		mm	1030 / 640 / 730	1172 / 900 / 1365	1600 / 1130 / 1500
Shipping dimensions (L/W/H)		mm	1130 / 710 / 910	1360 / 960 / 1520	1790 / 1210 / 1670

Note:
*Testing Condition Evaporator Side inlet/outlet: 20/15°C; Condenser Side inlet/outlet: 45/55°C
**Testing Condition Evaporator Side inlet/outlet: 20/15°C; Condenser Side inlet/outlet: 65/75°C

Atecpool Air
Dehumidification

Atecpool Air Pool Dehumidification



Automatic Temperature Detection

Exclusive Design

Ultra-thin Casing

Epoxy Fin Air Exchanger

Super Silent Operation 44~47 dB

High Efficiency

Wall Mounted Dehumidifiers for indoor pool installation

Through absorbing clammy air and transferring it to warm and dry air, Atecpool Air Dehumidifier can easily tackle problem that cause condensation and furniture corrosion. Atecpool Air Dehumidifier for indoor pool installation. Wall mounted models for humidity controls in indoor swimming pools. Extremely silent operation (44-47 dB(A)) and high energy saving with R410A compressors and a built-in electronic thermostat.

1 **Epoxy Fin Air Exchanger**
Air Dehumidifier adopt epoxy fin air exchanger which is featured with great anti-corrosion performance, ensuring the units longer life.

2 **Super Silent Operation**
Heat Pump Dehumidifiers utilise DC fan motors to circulate air, allowing the units to work silently.

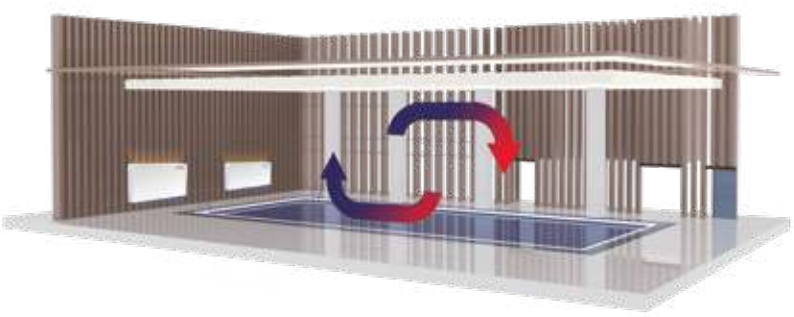
3 **Ultra-Thin Casing**
With a compact inner structure our Air Dehumidifiers feature an ultra-thin casing 200mm thick, requiring less space in the pool house.

4 **High Working Efficiency**
The dehumidification volume reaches as much as 3.0 L/h at 30˚C ambient temperature and 80% relative humidity.

5 **Exclusive Design**
Atecpool Air Dehumidifier provides two exclusive designs. Users can choose the white glass panel or black glass panel casing according to your preference.

6 **Automatic Temperature Detection**
The unit is equipped with a sensor that detects the ambient temperature. If the ambient temperature exceeds 30°C, the unit will automatically shut down to protect the equipment.

Atecpool Air Dehumidifier





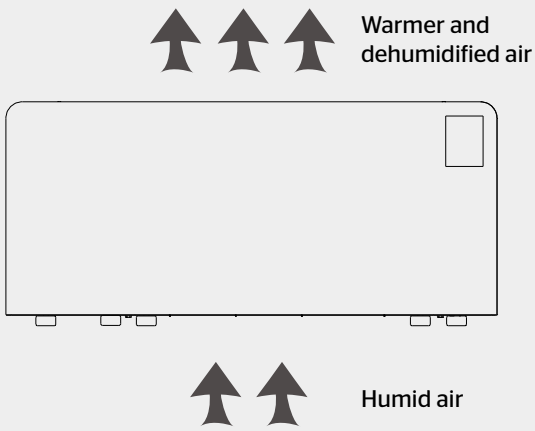
Ultra-Thin Casing & Wall Mounted Installation

Atecpool Air
Dehumidifier Specifications

Model	Unit	ATEC22	ATEC35	ATEC45
Rated Capacity	L/h	2.2	3.5	4.5
Dehumidification capacity per day	L	53	84	108
Max pool area	m^2	42	60	83
Air Volume	m^3/h	450	600	750
Noise Level	dB(A)	44	46	47
Rated Voltage / Frequency	/	220-240V~/50Hz	220-240V~/50Hz	220-240V~/50Hz
Rated Power Input*	kW	0.9	1.1	1.95
Rated Running Current*	A	4.0	5.0	8.8
Max Power Input	kW	1	1.3	2.3
Max Running Current	A	4.3	5.85	10
Relative Humidity	%RH	40~100	40~100	40~100
Running Ambient Temperature	˚C	10~30	10~30	10~30
Dimensions (LxWxH)	mm	1295x202x647	1495x202x647	1695x202x647
Refrigerant	/	R410A / R32	R410A / R32	R410A / R32
Condensation Pipe Diameter	mm	16	16	16
Testing Condition : 30˚C Ambient Temperature, 80% Relative Humidity				

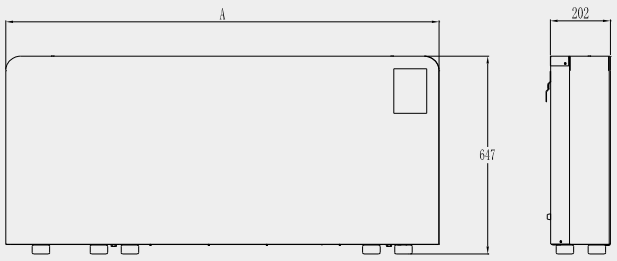
Working principle

The unit works by drawing moist air over a refrigerated coil with a small fan. The cold coil of the refrigeration device condenses the water, which is removed, then the air is reheated by the hot coil. This process works most effectively with higher ambient temperatures with a high dew point temperature.



Dimensions

Code	ATEC22	ATEC35	ATEC45
	(mm)	(mm)	(mm)
Length	1295	1495	1695



Dantherm
Dehumidification

CDP Pool Dehumidification - Efficient dehumidification for aggressive environments

Fully automatic operations

The small units are fully automatic. They are supplied with electronic control, built in adjustable hygrostat and a visual display showing the operation modes.

The large units are supplied with electronic control and prepared for external hygrostat connection. An electronic module provides a visual display of working modes while the control panel provides push button selection of "air heating" and "continuous fan run". The control panel can be moved to either side of the unit to suit plant room configuration..

Applications CDP and CDP (T)

- Swimming pools
- Spas
- Shower rooms
- Gymnasiums
- Larger private pools
- Hotel pools and spas

Function

An integral fan draws humid air into the dehumidifier through a filter. Here the air passes through an evaporator, where the water vapour condenses on a cold surface and falls as water droplets, into the drip tray and then into the drain. The cooled air then passes through a condenser and picks up not only the heat equivalent of the previous cooling, but also the heat equivalent of the electrical input to the unit. Consequently, the air leaves the unit drier and several degrees warmer. The repeated circulation of air through the unit reduces the relative humidity, giving very rapid but gentle drying.

In swimming pool halls with large areas of windows, a solution in which the dehumidified and warm supply air is led through pipes under the floor and blown under the windows is a reliable choice. In this way condensing of the windows can be avoided.

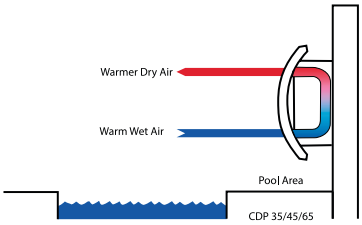
Wall Mounted Version CDP 40/50/70



Wall mounted version CDP 40/50/70

Dimensions CDP 40/50/70

	Height (mm)	Width (mm)	Depth (mm)
CDP 40	770	1010	326
CDP 50	770	1160	326
CDP 70	800	1495	326



CDP 40/50/70 units are designed for installation directly in the pool hall or area to be dehumidified.

Remote control DRC1

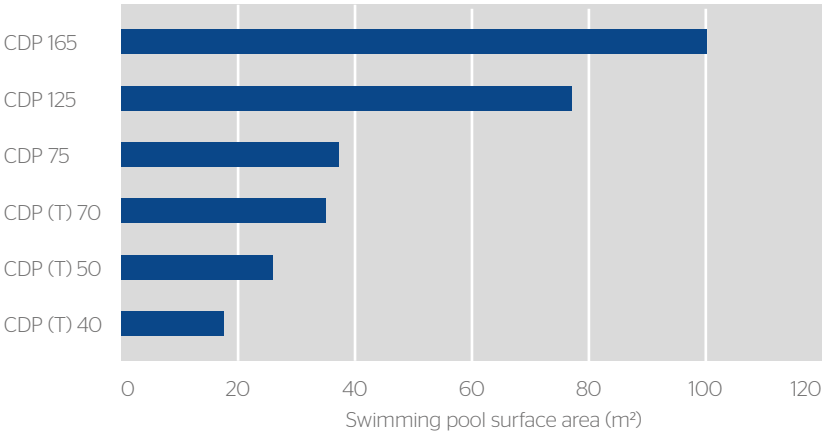
A newly developed remote control allows reading and setting of relative humidity and temperature, alarms and service information.



Technical data CDP 40/50/70

	Dehumidification capacity at 28°C / 60% RH l/24h	Air flow (m³/h)	Operating range / humidity %RH	Operating range / temperature (°C)	Weight (kg)
CDP 40	34	400	40 - 100	10 - 36	56
CDP 50	52	680	40 - 100	10 - 36	65
CDP 70	69	900	40 - 100	10 - 36	75

Quick selection guide



Technical data CDP(T) 40/50/70/75/125/165

Which unit to choose in a swimming pool hall depends on the surface area. This graph is intended as a guide only, providing approximate recommendations. The selection of the correct dehumidifier for swimming pool halls requires the consideration of several factors, e.g. air and water temperatures, usage levels and whether a floating cover is used.

Please consult your supplier for professional guidance as unit selection should be carried out only by qualified personnel to get an optimum solution.

Dantherm
Dehumidification

CDP Pool Dehumidification - Efficient dehumidification for aggressive environments

Through-Wall Mounted Version CDP (T) 40/50/70



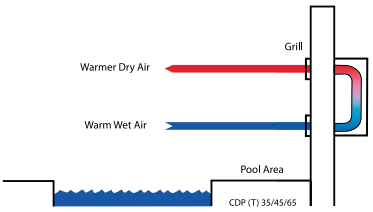
Through-wall mounted version CDP (T) 35/45/65

Technical data CDP (T) 40/50/70

	Dehumidification capacity at 28°C / 60% RH l/24h	Air flow (m³/h)	Operating range / humidity %RH	Operating range / temperature (°C)	Weight (kg)
CDP 40T	29	250	40 - 100	10 - 36	60/57
CDP 50T	42	500	40 - 100	10 - 36	74/68
CDP 70T	66	750	40 - 100	10 - 36	101/95

Dimensions CDP (T) 40/50/70

	Height (mm)	Width (mm)	Depth (mm)
CDP 40T	680	890	290
CDP 50T	680	1192	290
CDP 70T	680	1735	290

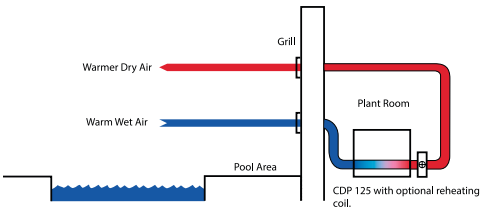


CDP(T) 35/45/65 units are designed for installation in an adjacent room and are supplied with a through-the-wall duct kit with supply and return air grills.

Ducted Version CDP 75/125/165



Ducted version CDP 75/125/165



The humid air from the water's surface passes through a dehumidifier, leaving the supply air drier and several degrees warmer.

Technical data CDP 75/125/165

	Dehumidification capacity at 28°C / 60% RH l/24h	Air flow (m³/h)	Operating range / humidity %RH	Operating range / temperature (°C)
CDP 75	74	1500	40 - 100	20 - 38
CDP 125	124	2500	40 - 100	20 - 38
CDP 165	162	3600	40 - 100	20 - 38

Dimensions CDP 75/125/165

	Heght (mm)	Width (mm)	Depth (mm)	Weight (kg)
CDP 75	650	1155	725	130
CDP 125	850	1300	900	160
CDP 165	975	1400	1010	190

Flexible installation of the CDP

The CDP units are highly flexible regarding installation. They are designed for installation in plant rooms, with ducted supply and return air grills, but can also be installed directly in the room that needs dehumidification. A range of options are available for the CDP to meet individual requirements, including heating coils, outdoor air connection, wall-mount kit and floor mount kit. The CDP is also available with a water-cooled condenser allowing the excess heat to be used for pool or domestic hot water. The fresh air discharge can be from the top or from the side opposite to the air inlet. Both evaporator and condenser coils are epoxy-coated for higher corrosion resistance.

Features and benefits

- High quality product manufactured to exact standards
- Low energy consumption and impressive functionality
- Silent operation
- Pleasant design
- Easy to operate and control
- Designed to suit any plant room configuration
- Epoxy-coated coils

Thermalec
Titanium Electrical Heater

The Thermalec pool and spa heater range

Built using titanium elements, to the same exact standards traditionally associated with Thermalec® heaters, the THR TITANIUM range fulfils all the required electrical safety standards.



Size range from 3kW to 168kW

- Unique spiral flow allows efficient heat removal from the elements, minimising the scale and sediment build up.
- Unique design ensures cooler water from the filter pump does not strike the elements directly (giving longer life).
- Air generated from the pump passes harmlessly around the sides of the baffles and across the top of the heater elements (The heat pumps heat both air and water).
- The control thermostat is positioned to sense the temperature of incoming water and controls the pool to within 1°C.
- The safety thermostat senses the water temperature leaving the heater.
- Thermalec® heaters can be used in conjunction with other heating systems to provide year round heating solutions for your pool or spa.
- Each heater is designed with its own simple self diagnostic system.
- Heating elements are always submerged.

Standards

Thermalec® pool and Spa heaters are CE marked and comply with:

EU Council Directive 89/336/EEC & 93/068/EEC on Electromagnetic compatibility

EU Council Machinery Directive 98/37/EEC

EU Council Low Voltage Directive 2006/95/EEC & 72/23EEC

Harmonised Standards: EN55014, EN55104, EN5501, EN5502, CEI801-2, CEI801-3 and EN60335-2-35

Control and indication

Water temperature cut-out: Factory set to trip at water outlet temperature of 52°C. Manual reset on front panel

Thermostats: Pressurised liquid filled capillary type

Pool temperature control: Analogue dial, calibrated 15°C to 45°C and graduated at 1°C intervals.

Mains indicator lamps: Red (mains power is on), Amber (filter pump interlock power present).

Status indicator lamps: Red (heater's ON/OFF switch ON), White (safety thermostat trip armed), Amber (pump interlock relay OK), Green (heating elements powered)

Materials of Construction

Heater vessel: Fusion epoxy coated cast iron

Element holding plate: uPVC

Gasket: Silicone rubber

Water connections: uPVC socket

Heater elements: Titanium sheath

Electrical enclosure: Powder coated steel

Operating data

Water inlet/outlet: Socket for 50mm or 2" NB pipe

Max. Water temperature: 52°C heater outlet

Operating pressure: 2.0 bar max.

Ambient temperature: 40°C max.

Pool temperature control range: 15°C to 45°C

Thermostat operating difference: 0.5 C°

Thermalec
Titanium Electrical Heater

The Thermalec pool and spa heater range - main features

The heaters in the Thermalec® pool and spa heater range are classified in series according to the body size. There are six series in the range. Each series offers a choice of nominal power rating. The following tables summarise the main features of the range and power ratings available in each series.

Feature	Series Reference					
	12THR	24THR	36THR	72THR	120THR	ZENITH Ti
Body in robust fusion epoxy coated cast iron	●	●	●	●	●	●
Elements in corrosion resistant titanium	●	●	●	●	●	●
Suitable for sea / salt-water pools and spas	●	●	●	●	●	●
Pressure: tested to 4 bar, operating 2 bar max.	●	●	●	●	●	●
Safety pressure relief valve(s)	●	●	●	●	●	●
Easy installation – uPVC solvent weld sockets	●	●	●	●	●	●
Easy element replacement	●	●	●	●	●	●
Water drain for winterisation or repair	●	●	●	●	●	●
Removable top plate for easy vessel inspection	●	●	●	●	●	●
Water flow direction easy to reverse	●	●	●	●	●	●
Premium quality electrical components	●	●	●	●	●	●
Heavy duty contactors	●	●	●	●	●	●
Power isolation ON/OFF switch	●					
Power isolation circuit breakers		●	●	●	●	●
Filter pump safety interlock	●	●	●	●	●	●
Fused control circuit protection	●	●	●	●	●	●
Liquid filled capillary control and safety thermostats	●	●	●	●	●	●
Two stage temperature controller				●	●	●
Time delay switch powers elements in 2 stages				●		
Time delay switch powers elements in 3 stages					●	
Time delay switch powers elements in 4 stages						●
At least 6 indicator lamps to monitor operation	●	●	●	●	●	●
Analogue heater outlet water temperature indicator			●	●	●	●
High temperature safety trip with manual reset	●	●	●	●	●	●
Protection in the event of pool filter pump failure	●	●	●	●	●	●
Special design enclosure for spa applications	●					
Enhanced "Deluxe" model available		○	○			
Suitable for fish pond and aquarium use	○	○	○	○	○	○
Special models available for marine, central heating & renewable energy applications	○	○	○	○	○	○
Available for non-standard power supplies	○	○	○	○	○	
CE Mark - compliant with all relevant EU Directives	●	●	●	●	●	●
Two year return-to-base guarantee	●	●	●	●	●	●

● *Standard feature* ○ *Available as an option*

Power ratings of Thermalec® heater standard models

Standard Models - Installed nominal power rating (kW)*

Series Ref	3	4	6	7.5	8	9	10	12	15	16	18	21	24	30	36	48	60	72	84	96	108	120	144	168
12THR	■	■	■	■		■	■	■																
24THR									■		■	■	■											
36THR														■	■									
72THR																■	■	■						
120THR																			■	■	■	■		
ZENITH Ti					■					■			■			■		■		■		■	■	■

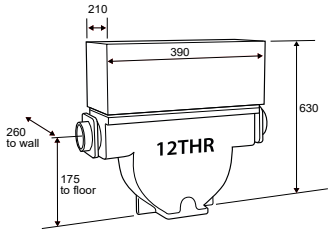
Single phase power supply only. ■ *Single or three phase power supply.* ■ *Three phase power supply only.* ■

*based on standard power supply 230V/1 ph/50Hz or 400V/3ph/50Hz

Thermalec
Titanium Electrical Heater

12THR Series (3kW - 12kW)





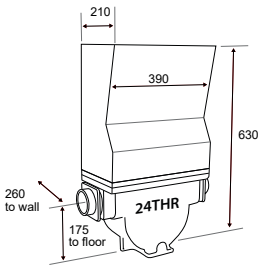
Code	Standard Power Supply: 230V/1ph/50Hz or 400V/3ph/50Hz				
	Load (kW)	Current (Amps) 1-ph/3-ph	Elements (no. x nominal kW)	1-phase version	3-phase version
12THRX3	3	14/n.a.	1 x 3 kW	Yes	No
12THRX4	4	17/n.a.	1 x 4 kW	Yes	No
12THRX6	6	27/n.a.	2 x 3 kW	Yes	No
12THRX7.5	7.5	33/11	3 x 2.5 kW	Yes	Yes
12THRX9	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

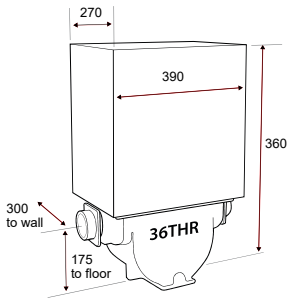
Thermalec
Titanium Electrical Heater

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



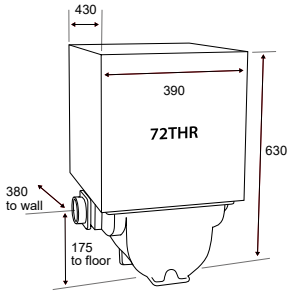
Packed dimensions: 660 x 450 x 330mm
Packed weight: 52kg

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



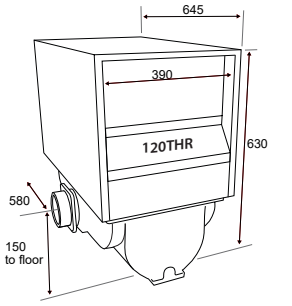
Packed dimensions: 660 x 450 x 470mm
Packed weight: 81kg

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
Plate Type Heat Exchangers

Standard Plate Heat Exchangers AISI 316 / AISI 316L

Atecpool offers 'Plate Type Heat Exchangers': copper brazed, semi-welded and all welded plate heat exchangers. Big range of plate type heat exchangers. Atecpool has the optimal technical solution for any possible task, with connection sizes from Ø15mm - Ø500mm, covering a liquid flow of 50L/hours - 2000 m^3/hour.



Hightlights:

- High operation safety
- Exact energy-transfer
- Low running costs
- Energy saving
- Environmentally-friendly

Advantages

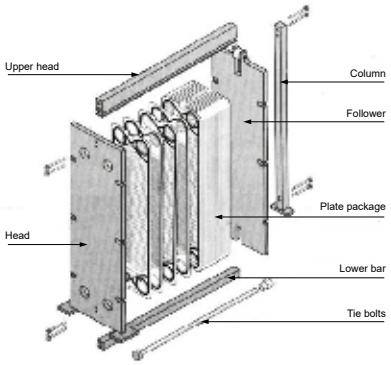
- The plates and plate patterns are constructed to maintain a high thermal efficiency with a low pressure drop
- There are two pattern designs available with different pressing angles giving respectively high/low turbulence flow, dependant on the given selection
- The inlet channels allow for maximum strength in the inlet area, whilst maintaining minimal contact points, reducing blockage at the flow distribution zone
- The inlet design ensures even distribution of the liquids across the heating surface
- The gasket is placed in a dedicated retaining gasket groove. This secures the elasticity of the gasket even after a long time of compression

Plate Design

The construction of the inlet part makes for a perfect distribution of the liquids across the heating surface. The inlet part is increased and supplied with grooves preventing "dead spots" which could cause the growth of bacteria in the plate heat exchanger. The inlet with grooves secures a strong inlet part with a minimum number of contact points.

The inlet parts are constructed with a leakage drain zone fulfilling the AAA specifications.

The heat transfer plates are designed with a gap between plates up to 11mm depending on the plate type. This is because the pattern of the plate pressing has horizontal waves maintaining no "plate contact points" in the flow direction, the flow channels remain free of obstacles allowing the media/particles to flow freely.



Note: Please ask for selection of Heat Exchanger for your pool. Selection chart/datasheet on request.





WATER TREATMENT

ATECPOOL INTERNATIONAL GROUP

atecpool.com



ATECPOOL INTERNATIONAL GROUP

Chemical Dosing & Control



Widest range of water treatment solutions for your pool

The best water treatment for any water bodies big or small with integration of modular high end products and suitable selection of chemicals from **ATECPOOL**.

Highest standard of service, full automation and control system with wide selection of water treatment equipment make our treatment the best and hassle free. Water Treatment equipment 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.

Atecpool Salt Water Electrolysis

Commercial & Private

Salt Electro-chlorination > Healthier water and better resources



Salt Water Electrolysis

- *Low Cost*
- *Effective*
- *Healthy*
- *Comfortable*
- *Ecological*
- *Easy to use*

Saline electrolysis is a water treatment method in which the oxidising agent, the chlorine, is generated directly from the water to be treated by means of an electrolytic process. This technique avoids the need to add Chlorine (Calcium Hypo) to the water being treated, thereby eliminating any handling or storage of chemicals.

ECO friendly

Salt Water Electrolysis
Automation Enabled Salt Chlorinator

Atecpool Automation Enabled - DAGEN Salt Water Electrolysis & Hydrolysis

Atecpool Automation Enabled Salt Chlorinator use mainly free radicals for disinfection and a small amount of free chlorine for residual disinfection, the unit maintain the salinity (TDS) at the lowest possible level. With a salinity (TDS) of only 800 – 1500 mg/l (0.8 – 1.5kg/ of salt per m³), DAGEN Salt Chlorinator will produce a lot of free radicals and enough chlorine for residual disinfection.

Instead of using only regular salt (NaCl), its recommended to use 25-50% DAGEN Activator of magnesium chloride ($MgCl_2$).

DAGEN Activator not only raises the salinity to the desired level, it increases the hardness of the water and it also removes phosphates from the water. Phosphates are nutrients for algae and bacteria. Usually only about 1kg of salt (NaCl) and or DAGEN Activator ($MgCl_2$) per m³ of pool water volume is required. This small amount of minerals also ensures that chloride levels (Cl^-) remain below 600ppm, which is the corrosion limit for stainless steel 1.4571 (316).


PS-001

Swim in drinking water!

Easy Touch
Easy Run

Modbus

DAGEN Complete Assembly Free Chlorine (PPM)

DAGEN complete assembly includes the following modules: Wi-Fi, free chlorine control, flow detector, temperature module, suction lance, TDS analyser, pH control, pH dosing pump, flocculation pump for APF® (Active Poly Floc).

Code	Description	chlorine production		max. pool volume
		TDS 1200	TDS 2400	private
ASTATION 15	DAGEN complete assembly 45	7g/hr	15g/hr	45m³
ASTATION 30	DAGEN complete assembly 90	15g/hr	30g/hr	90m³
ASTATION 50	DAGEN complete assembly 150	25g/hr	50g/hr	150m³



DAGEN Complete Assembly RX

DAGEN is also available configured with Redox control instead of free chlorine. DAGEN complete RX includes the following modules: Wi-Fi, redox control, flow detector, temperature module, suction lance, TDS analyser, pH control, pH dosing pump, flocculation pump for APF® (Active Poly Floc).

Code	Description	chlorine production		max. pool volume
		TDS 1200	TDS 2400	private
ASTATION RX-15	DAGEN complete assembly 45-RX	7g/hr	15g/hr	45m³
ASTATION RX-30	DAGEN complete assembly 90-RX	15g/hr	30g/hr	90m³
ASTATION RX-50	DAGEN complete assembly 150-RX	25g/hr	50g/hr	150m³

All DAGENs are equipped with a **Wi-Fi module to monitor and protocol your pool water quality 24/7** on your mobile phone or your computer

High performance hydrolyser Splits water molecules into free radicals for the best disinfection

Highly efficient electrodes. Works with only 1g/liter of salt (NaCl) or Magnesium chloride ($MgCl_2$)

Complete controller for your pool system with integrated Wifi module

Swim in drinking water! Combine DA-GEN with full accessories to turn pool water into drinking water quality

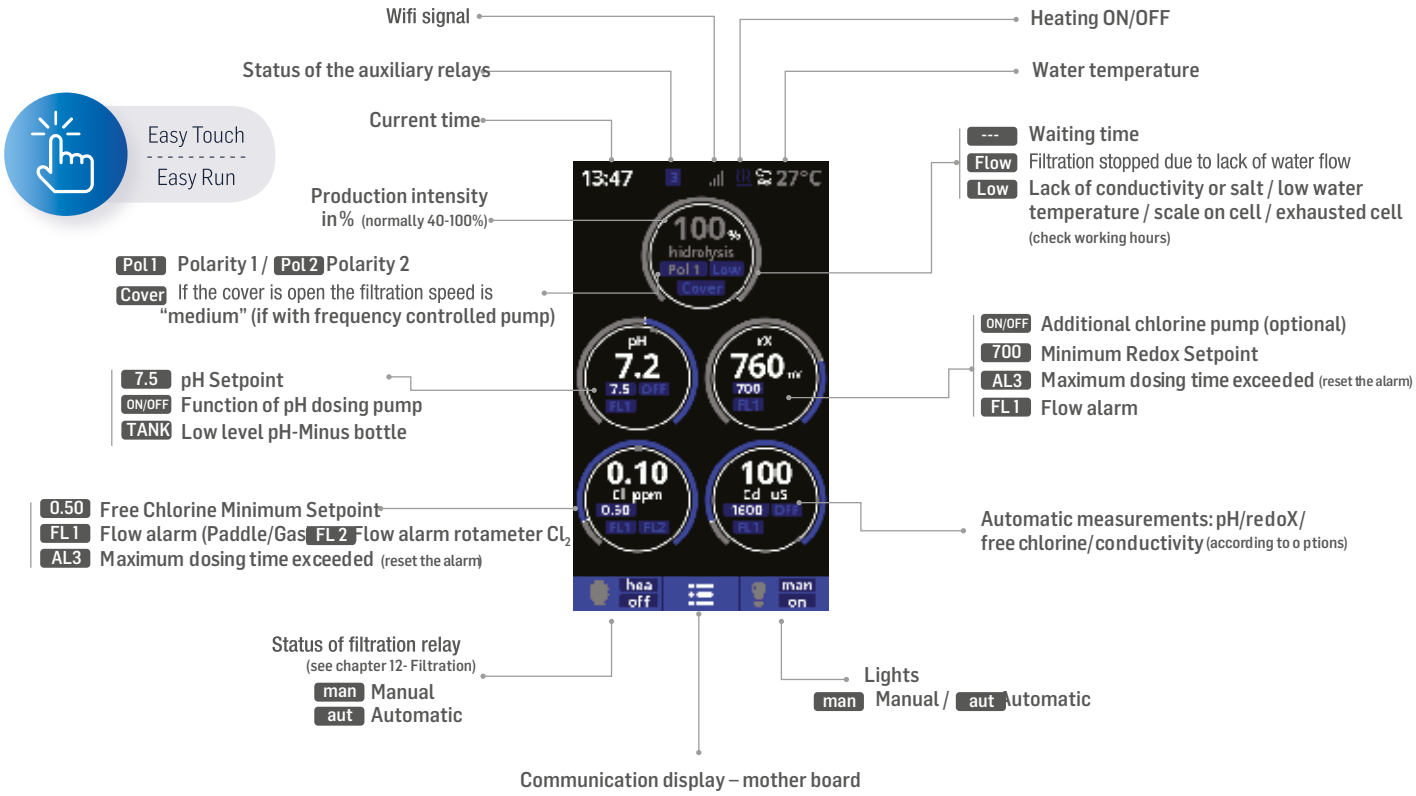


- pH measurement and automatic dosing
- Free chlorine (or Redox) measuring and control
- Temperature sensor
- Pump and backwash control (programmable)
- Automatic dosing of APF® for the best coagulation and flocculation
- Salinity probe (optional)
- Pool lights control
- Automatic dosing of ACO® (optional)

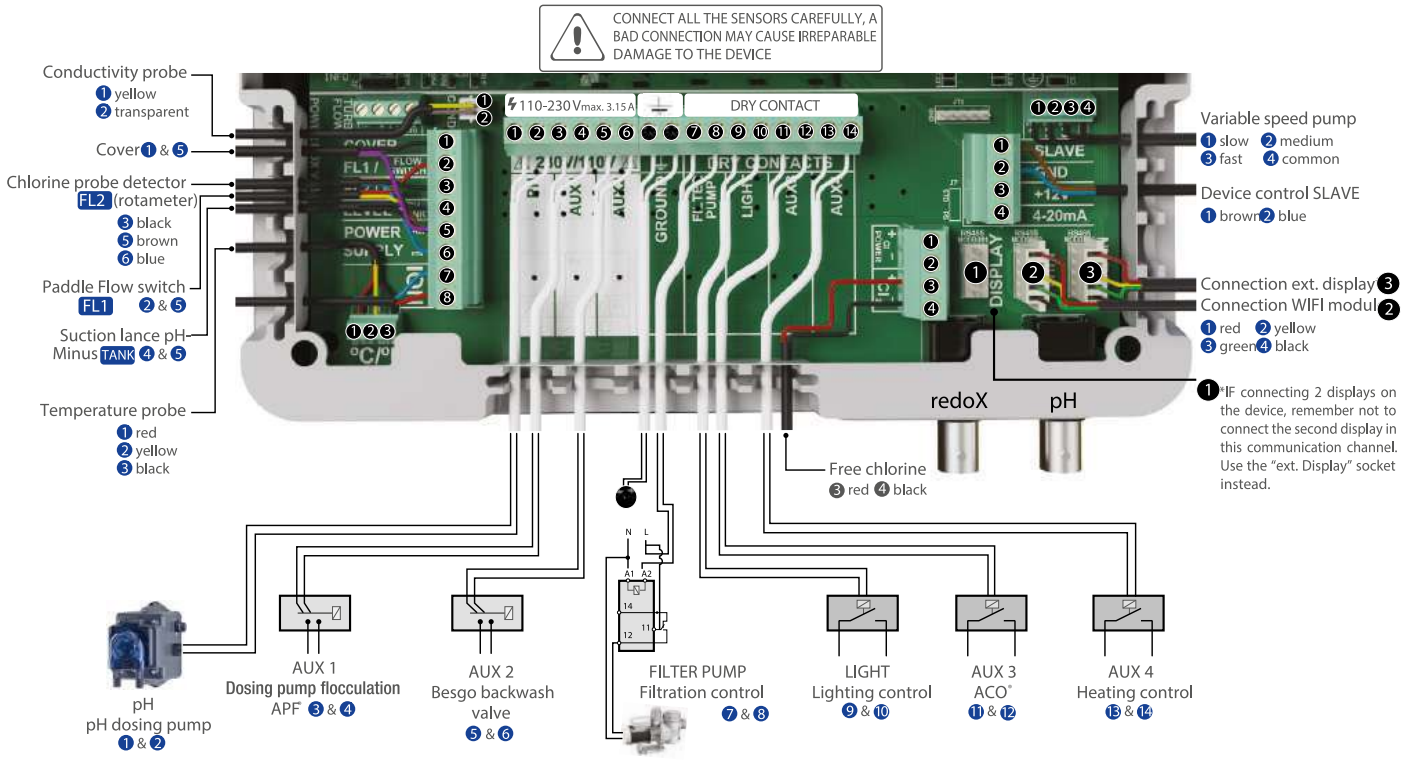
Salt Water Electrolysis
Automation Enabled Salt Chlorinator

Atecpool Automation Enabled - DAGEN Salt Water Electrolysis & Hydrolysis

Main Screen



Electrical connections

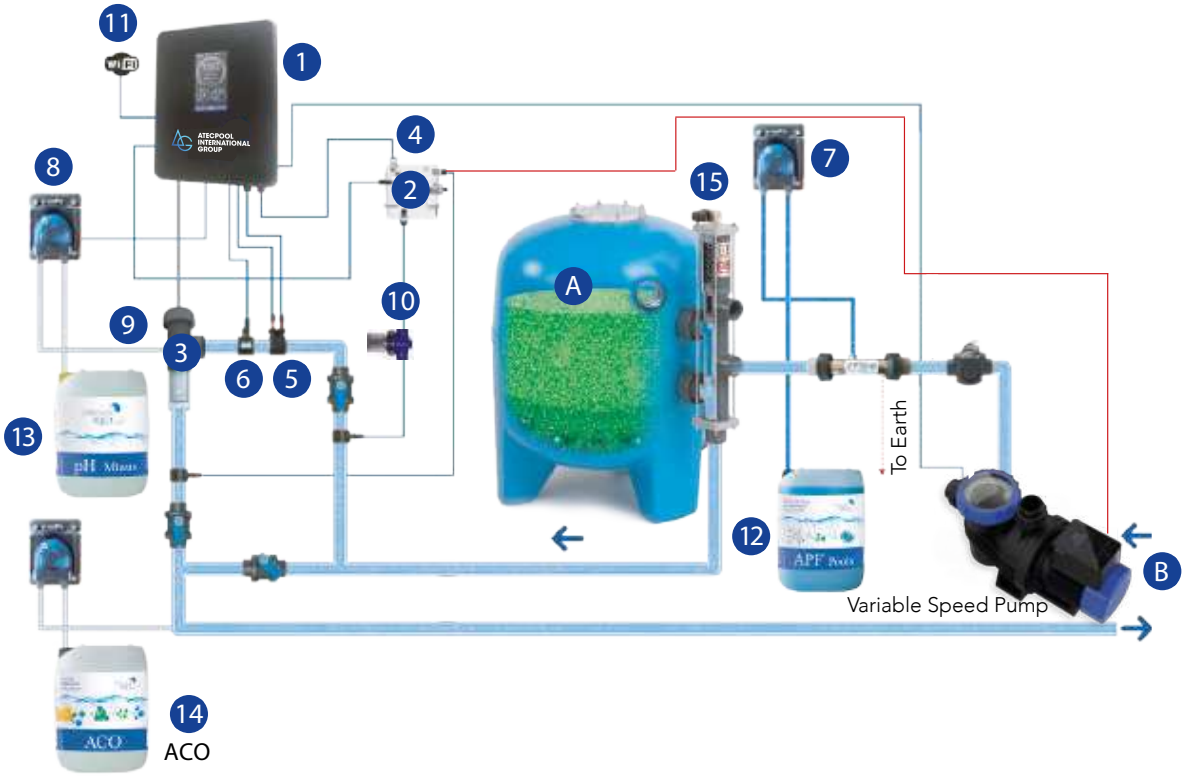


Salt Water Electrolysis
Automation Enabled Salt Chlorinator

Atecpool Automation Enabled - DAGEN Salt Water Electrolysis & Hydrolysis

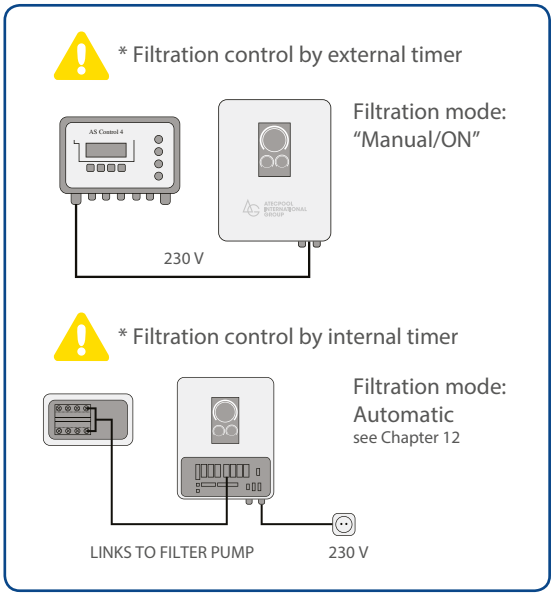
We recommend to operate the system at a pH of 7.4 and an alkalinity of >100mg/l to have a neutral LSI (Langelier Saturation Index) and to minimize the corrosion risk.

System Installation



- A Filter with AFM®ng
- B Filter Pump

1. Control Panel
2. Free chlorine cell with rotameter
3. Cell (always in vertical position if installed without paddle flow switch 6)
4. pH probe
5. Redox probe and/or conductivity probe
6. Paddle flow switch and temperature module
7. APF® dosing pump
8. pH dosing pump
9. pH injection
10. Prefilter
11. Wifi Module
12. APF® (not included)
13. pH-Minus (not included)
14. If Outdoor pool: ACO® (not included)
15. Besgo valve (not included)



Product	Description	Max Consumption
ASTATION 15	DAGEN complete assembly 45	125W
ASTATION 30	DAGEN complete assembly 90	180W
ASTATION 50	DAGEN complete assembly 150	175W

Salt Water Electrolysis
AT-Series Salt Chlorinator

Salt Water Chlorinator Residential

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



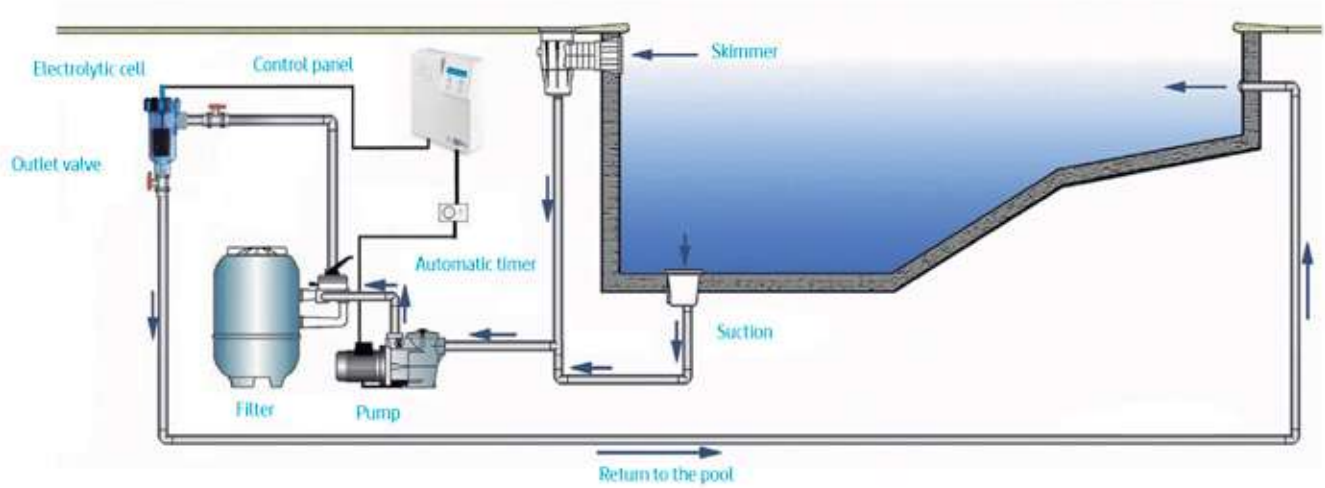
Code	Description
ATEC15	AT-Series Salt Chlorinator 15g/h
ATEC20	AT-Series Salt Chlorinator 20g/h
ATEC30	AT-Series Salt Chlorinator 30g/h
ATEC50	AT-Series Salt Chlorinator 50g/h

ECO friendly

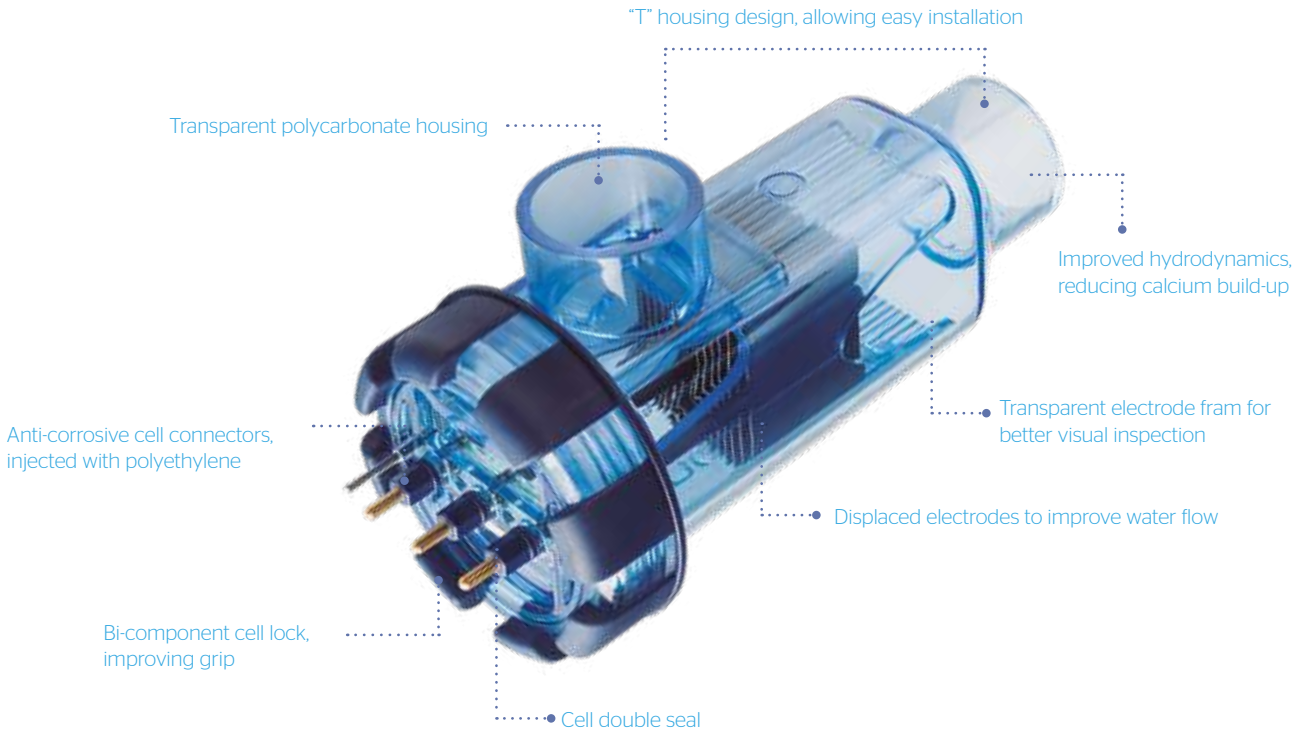
Specifications

- 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 LDC 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.

Installation diagram



Salt Water Electrolysis
AT-Series Salt Chlorinator



Model	ATEC15	ATEC20	ATEC30	ATEC50
Description				
Power requirement / Watts	220-240VAC / 50-60Hz / 60 Watts	220-240VAC / 50-60Hz / 90 Watts	220-240VAC / 50-60Hz / 130 Watts	220-240VAC / 50-60Hz / 190 Watts
Voltage output	24 VDC	24 VDC	24 VDC	24 VDC
Chlorine production per hour	15 gr/h	20 gr/h	30gr/h	50gr/h
Recommended volume	30-50 m^3	50-90 m^3	90-150 m^3	150-200 m^3
Recommended salt level	4gm/ltr - sea water			
Cell expected life span	10.000 h			
Minimum flow rate	6 m^3/h	6 m^3/h	6 m^3/h	10 m^3/h
Maximum operating pressure	2.5 Bar			
Bar Pressure Drop	0.025	0.025	0.025	0.030
Current output	2,5 amp	3,5 amp	5 amp	8,5 amp
Cell cassette material	Polycarbonate			
Cell material	Titanium grade 1			
Reversal time	Programmable 1 to 12 h			
Connections	50 mm	50 mm	50 mm	63 mm
Weight	4,5 kg	4,5 kg	5 kg	13 kg
Packaging dimension	600 x 350 x 150 mm			645 x 640 x 220 mm

50 m^3 ↔ 200 m^3

10.000 hr

pH

- Economical
- Easy installation
- Easy to use

Salt Water Electrolysis
AT-Series Salt Chlorinator Combined Pack

Atecpool Salt Chlorinator combined unit - 3 Packs

1



Code: ATECPACK001

AT-Series Wireless Salt Water Chlorinator + pH Wireless Pump

pH Wireless Chlorinator

- Wireless Chlorinator with pH control connect to wireless pH Dosing pump via radio frequency.
- pH electrode connected to wireless chlorinator, shows pH display.
- Easy user interface with backlit LCD.
- Self cleaning cell.
- Wall mounting with independent stainless steel bracket.
- Detachable plug for a faster service.

pH Wireless Pump

- Longe range wireless dosing pump upto 50 mts.
- Peristaltic wireless pump will start and stop functioning depending on the set points assigned from Salt Chlorinator menu.
- Allows installation away from the chlorinator or outside the filtration room to avoid damages by the acid.
- Easy calibration and configuration through the chlorinator LCD.
- Proportional dosage control.
- Flow: 1.5 l/h. Pressure 1.5 bar.
- Manual priming button.

2



Code: ATECPACK002

AT-Series Salt Water Chlorinator + pH Basic Controller

pH Basic Controller

- Autonomous pH regulator.
- Integrated peristaltic transparent acid pump 1.5 l/h – 1.5 bar.
- Interchangeable peristaltic head without screws.
- Agile menu system and easy calibration.
- pH range: 0 - 14.

Elements included

- Control panel with peristaltic pump.
- pH probe.
- Acid aspiration tube.
- Acid injection tube.
- Suction filter with weight.
- Injection fitting.
- Probe holder.
- Collars (2) for 50 mm tube.
- pH4 and pH7 buffer solutions.

Technical Features

- Power supply 230 VAC 50-60 Hz.
- Power consumption 20 W.
- Packaging weight 1 Kg.
- Packaging dimensions 22x13x10 cm.

3



Code: ATECPACK003

AT-Series Salt Water Chlorinator + pH Redox Controller

pH Redox Controller

- Autonomous pH and ORP regulator.
- pH range: 0 - 14.
- ORP range: 0 – 1000 mV
- ORP measurement of 0 to 1,000 mV.
- Integrated peristaltic transparent acid pump 1.5 l/h – 1.5 bar.
- Interchangeable peristaltic head without screws.
- Agile menu system and easy calibration.

Elements included

- Control panel with peristaltic pump.
- pH probe.
- ORP probe.
- Acid suction tube.
- Acid injection tube.
- Suction filter with weight.
- Injection fitting.
- Probe holder (2).
- Collars (3) for 50 mm tube.
- pH4 and pH7 buffer solutions.
- Redox buffer solution.

Technical Features

- Power supply 230 VAC 50-60 Hz.
- Power consumption 20 W.
- Packaging weight 1 Kg.
- Packaging dimensions 22x13x10 cm.

Salt Water Electrolysis
ATSG - Series Salt Chlorinators

ATSGE - Series Salt Chlorinator

Atecpool domestic salt chlorinators are the best disinfection solution for small, medium size pools and spas. These saline chlorinators ensure total water disinfection and an optimal chlorine supply for each water installation. Choose the model of domestic saline chlorinator that best suits the characteristics of your pool.



Code	Description
ATSGE10	ATSGE Salt Chlorinator 10g/h
ATSGE15	ATSGE Salt Chlorinator 15g/h
ATSGE20	ATSGE Salt Chlorinator 20g/h
ATSGE30	ATSGE Salt Chlorinator 30g/h

Specifications

- Adjustable chlorine output
- Winter chlorination mode
- High & low salt indicators & protection
- Green light indicate cell working

ECO friendly

Model	ATSGE10	ATSGE15	ATSGE20	ATSGE30
Description				
Power requirement / Watts	220-240VAC / 80 Watts	220-240VAC / 100 Watts	220-240VAC / 120 Watts	220-240VAC / 190 Watts
Chlorine production per hour	10 gr/h	15 gr/h	20 gr/h	30 gr/h
Recommended volume	20-40 m^3	40-60 m^3	60-75 m^3	75-110 m^3
Recommended salt level	3gm/ltr ~ 4gm/ltr			
Cell expected life span	8.000 h			
Minimum flow rate	4 m^3/h	6 m^3/h	6 m^3/h	6 m^3/h
Maximum operating pressure	2.5 Bar			
Bar Pressure Drop	0.025 Bar			
Cell cassette material	Polycarbonate			
Cell material	Titanium grade 1			
Reversal time	Programmable 1 to 12 h			
Connections (inches / mm)	2"/ 50mm	2"/ 50mm	2"/ 50mm	2"/ 50mm
Weight (unit only)	6.87 kg	6.87 kg	6.87 kg	6.87 kg
Packaging dimension	400 x 270 x 330 mm			

20 m^3 ↔ 110 m^3

8,000 hr

- Economical
- Easy installation
- Easy to use

Salt Water Electrolysis
ATSG - Series Salt Chlorinators

ATSGP - Series Salt Chlorinator

ATSGP - Series ATECPOOL 3rd-gen Control Module is a medium-size die-cast aluminum and moulded-plastic box with a backlit alpha-numeric OLED (Organic Light Emitting Diode) screen and touch-sensitive keypad. It mounts on the wall by hanging the chlorinator controller. The digital display screen shows the chosen percentage of chlorine output and power bar-graph. The keypad controls allow you to raise and lower the chlorine output, view the system menu, activate the SuperCL mode, activate the Winter Mode, and display the average salinity.

Specifications

- Adjustable chlorine output
- Winter chlorination mode
- Self cleaning by reverse polarity
- Type: Digital Controls with OLED Screen and Touch Keypad



ECO friendly

Code	Description
ATSGP20	Atecpool Salt Chlorinator 20g/h
ATSGP30	Atecpool Salt Chlorinator 30g/h
ATSGP40	Atecpool Salt Chlorinator 40g/h
ATSGP50	Atecpool Salt Chlorinator 50g/h



Model	ATSGP20	ATSGP30	ATSGP40	ATSGP50
Description				
Power requirement / Watts	220~240VAC / 120 Watts	220~240VAC / 180 Watts	220~240VAC / 220 Watts	220~240VAC / 250 Watts
Chlorine production per hour	20 gr/h	30 gr/h	40 gr/h	50 gr/h
Recommended volume	60-80 m^3	80-120 m^3	120-140 m^3	140-170 m^3
Recommended salt level	3gm/ltr ~ 4.5gm/ltr			
Cell expected life span	8.000 h			
Minimum flow rate	4 m^3/h	6 m^3/h	6 m^3/h	7 m^3/h
Maximum operating pressure	2.5 Bar			
Bar Pressure Drop	0.025			
Cell cassette material	Polycarbonate			
Cell material	Titanium grade 1			
Reversal time	Programmable 1 to 12 h			
Connections (inches/mm)	2.5" / 63mm	2.5" / 63mm	2.5" / 63mm	2.5" / 63mm
Weight (unit only)	10,5 kg	10,5 kg	10,5 kg	10,5 kg
Packaging dimension	400 x 240 x 370 mm			

60 m^3 ↔ 170 m^3

8,000 hr

- Economical
- Easy installation
- Easy to use



Atecpool pH Measuring and Control Unit
pH Control and Dosing

Atecpool pH Basic

The 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 take into account the delay in measurement and avoid excessive dosing, the pump got alternate periods 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 VAC +10%.
- Power 5 W.

Code	Description
ATEC-PH001	Ph Basic Dosing Pump 1,5l/h @ 1.5 Bar

Atecpool pH Delta



Specifications

- Digital screen, precise dosing with micro controller technology, time adjustment, liquid level control and user password parameters.
- User friendly button technology with easy menu.
- pH measurement with standard combination electrodes
- Totally digital and automatic calibration by using buffer solutions
- Start-up Delay function, adjustable timer for correct reading measurements according to chemical reaction time (0-60 min.).
- 4-20mA analog input
- Suction, injection parts and liquid level sensor accessories included.
- Volumetric proportional control when connected to flowmeters (water meter, flowmeter, etc.) (Volumetric control cable is not included product package)
- Adjustable BNC input (optional liquid level or flow contact)
- Easy and flexible installation and usage by the vertical mount design and alternative mounting advantage by base fixing bracket.
- Flow calibration can be done and monitored on the screen as ml/h.

Code	Description
ATEC-DT45	pH Delta Dosing Pump 4,5l/h @ 0.5 Bar
ATEC-DT25	pH Delta Dosing Pump 2,5l/h @ 3 Bar

Accessories included with Atecpool pH Delta:
(No pH Electrode/Probe Holder included)



Suction Kit with Liquid Level Sensor



PDVF Suction and Injection Kit



Injection Kit



Pipe Kit

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 ATEC50PR	ATEC100PR ATEC75PR	ATEC150PR ATEC150PR	ATEC150PR ATEC150PR	ATEC250CM ATEC250CM	ATEC300CM ATEC300CM	ATEC500CM ATEC500CM
100	ATEC100PR ATEC75PR	ATEC150PR ATEC100PR	ATEC150PR ATEC100PR	ATEC250CM ATEC180PR	ATEC300CM ATEC250CM		
200	ATEC150PR ATEC100PR	ATEC250CM ATEC180PR	ATEC250CM ATEC180PR	ATEC300CM ATEC250CM	ATEC500CM ATEC300CM	ATEC500CM ATEC500CM	ATEC750CM ATEC500CM
300			ATEC300CM ATEC180PR		ATEC500CM ATEC300CM		
400				ATEC500CM ATEC250CM			
500						ATEC750CM ATEC500CM	ATEC1000CM ATEC500CM

Note:

*** Recommended model for 24h filtration**
* Recommended model for 12h filtration

Calculation parameters

Extra parameters for detailed selection calculation of salt chlorinators. like added features, sea side pool, indoor/heated/ outdoor pool, sea water pool or well water pool etc to communicate with customer service for right unit selection apart from the above selection guide.

Salt Water Electrolysis
Atecpool Premium Salt Chlorinator

Premium Salt Water Chlorinator



Specifications

- High performance electrochlorinators for intensive commercial application (residential & 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
Description				
Power requirements / Watts	220-240 VAC / 400 Watts	220-240 VAC / 500 Watts	220-240 VAC / 725 Watts	220-240 VAC / 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

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 (sea water).
- Compact mounting design with integrated cell & housing.
- Methacrylate electrodes cassette to ease inspection.
- Low maintenance reverse polarity cell easily accessible.
- Electrodes of a low current density and long life: 14.000 hours.
- Flow switch.

Model	ATEC250CM	ATEC300CM	ATEC500CM	ATEC750CM	ATEC1000CM
Description					
Power requirements / Watts	230 VAC / 1.350 Watts	230 VAC / 1.625 Watts	230 VAC / 2.540 Watts	230 VAC / 3.540 Watts	230 VAC / 4.440 Watts
Voltage output	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Chlorine production por 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	75 kg	80 kg	100 kg	125 kg	150 kg
Packaging dimension	900 x 605 x 1155 mm		1150 x 610 x 1155 mm	1185 x 985 x 1130 mm	

200 m³ ↔ 1500 m³

14.000 hr

- High Performance
- Easy installation
- Easy to use

ECO friendly

Atecpool SalChloro Generator

On-site CL Production

In situ chlorine production by saltwater chlorination



ECO friendly

Atecpool SalChloro The cost-saving, powerful and tailor-made chlorine generator

Atecpool SalChloro Generator
On-site CL Production

Atecpool SalChloro Generator

SC17AT Model



SC35AT Model



SC70AT Model



Atecpool SalChloro Generator includes

1. **Control and Production Box**

Easy to use: The BOOST mode allows to launch an automatic filling program in a natural way or with predefined timetables..

Convenient: LED status indicator allows to check quickly the facility operating properly (SC35AT and SC70AT).

2. **Production Cells**

Cell lifespan: Long Cell lifespan: cell lifespan is estimated at 10.000 operating hours.

Cell maintenance warning: after 1000 operating hours, an integrated lamp timer triggers a written message to check plates condition.

3. **Softener**

High filtration capacity: less frequent regeneration due to a higher resin volume.

4. **Saturated brine tank**

Ease of maintenance: wide box opening to add easily and quickly the maximum salt level.

High storage capacity: to add salt level punctually.

5. **Storage Tank**

UV-treated tank: preserving pure and fresh chlorine..

Free-moving suction: allows hypochlorite suction.

Level probe: allows to avoid the dosing pump deactivation.

Overflow sensor: in case of chlorine overproduction, the sensor automatically switches off the system.

Effective maintenance: removable level sensors to facilitate its maintenance or replacement.

6. **Pump**

Consumption optimization: pump injects automatically the perfect brine volume in production cells.

7. **Hydrogen Exhaust System**

H2 alarm: if an anomaly is detected, a safety mode is triggered and automatically switches off the production of chlorine.

8. **Connectivity**

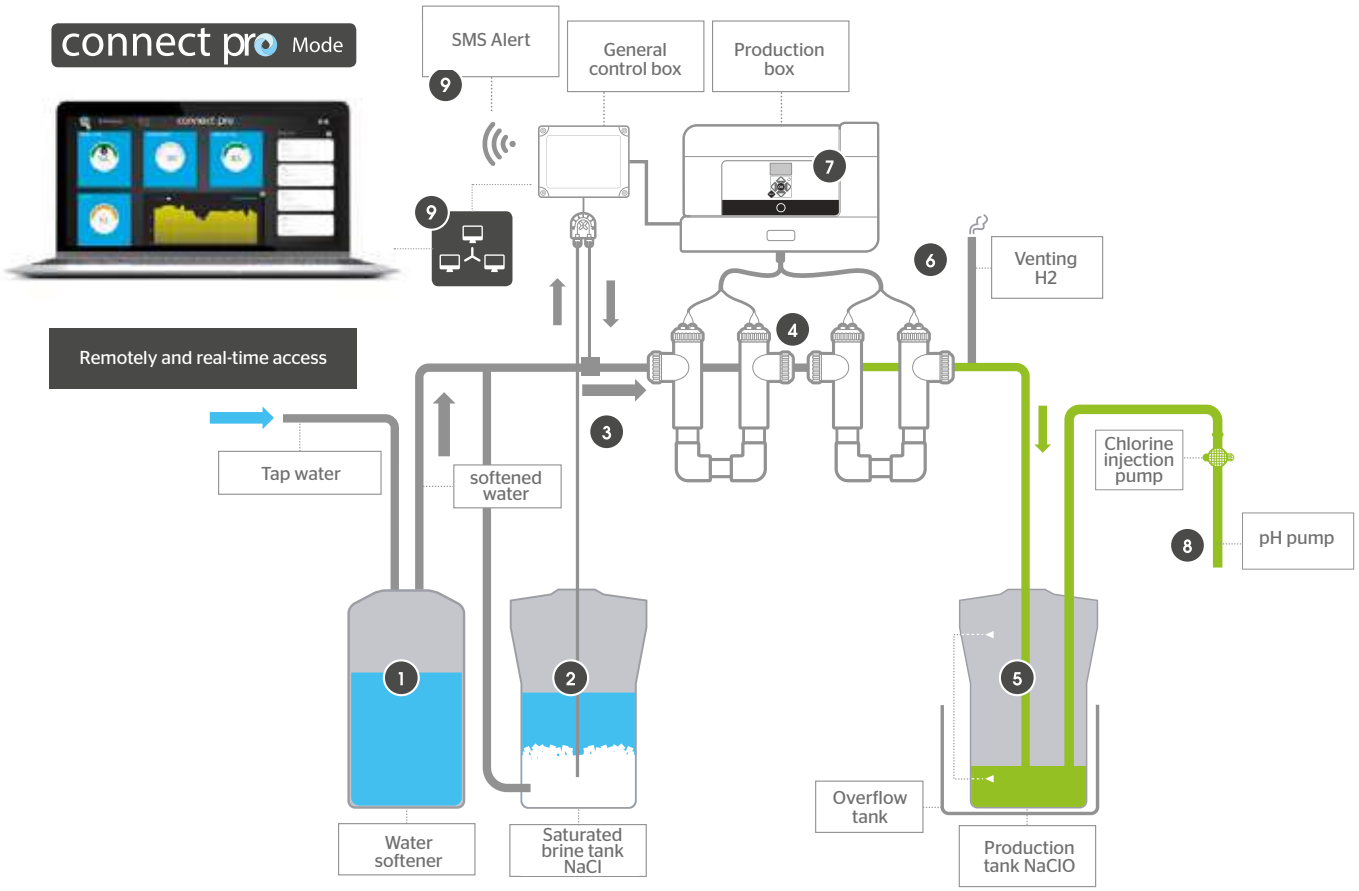
Real-time remote control: Thanks to a SIM card inserted in the system, managers (pool directors, maintenance technicians, hotel managers, etc.) receive real time news and alerts by SMS.

Remote management: connect pro: Thanks to a simple local network connection, you remotely and real-time centralized information on water quality. Thus, by checking pool parameters on Connect Pro, you significantly reduce your moves

Atecpool SalChloro Generator
On-site CL Production

Atecpool SalChloro - Operating Principle

This solution is an alternative to the use of conditioned chlorine. Packaged chlorine is mainly available in gaseous, liquid or solid form.



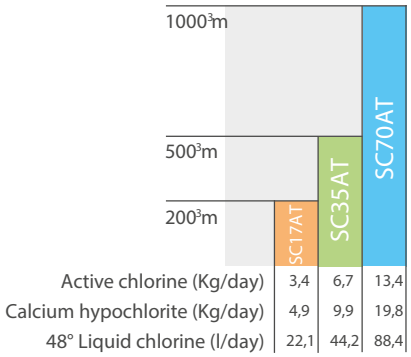
1. A softener feeds the installation with softened water.
2. Saturated brine is obtained on site from softened water and salt.
3. The brine is injected into the softened water stream before the production cell lines.
4. Softened water and salt are converted into a solution of sodium hypochlorite (NaClO) according to saltwater chlorination process.
5. The solution of sodium hypochlorite is poured, by gravity, into a storage tank equipped with level detectors. The production is triggered or stopped automatically depending on the position of the level detectors in order to constantly maintain the required stock of solution. The tank capacity varies depending on the model.
6. The hydrogen produced is evacuated to the outside by a degassing chimney.
7. The control box independently manages the production of sodium hypochlorite (NaClO). It allows to maintain a constant supply of solution in order to guarantee, in all circumstances, the ideal chlorine level in the basin.
8. The supply of the chlorinated solution tank is controlled by automatic chlorine regulation (optional).
   The injection is done by a large flow metering pump.
9. SMS Alerts/Remote fleet management

Atecpool SalChloro Generator

Chlorine Generator for public and commercial pools

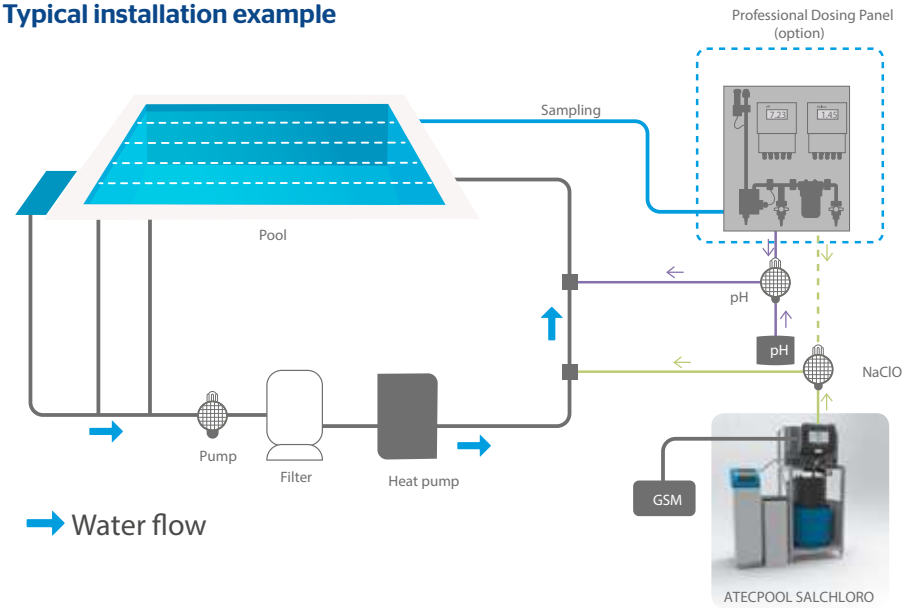
Model	SC17AT	SC35AT	SC70AT
CHLORINE PRODUCTION			
Maximum chlorine solution production capacity (liter / h). Active chlorine concentration of the solution: 8 g / liter	17,5	35	70
Chlorine production capacity (g/h)	140	280	560
Maximum production per day (Kg/day)	3,4	6,7	13,4
Equivalent Calcium Hypochlorite 68% (Kg/day)	4,9	9,9	19,8
Liquid chlorine equivalent 48° chlorine (Liter / day).	22,1	44,2	88,4
CONSUMPTION			
Certified biocidal salt (kg/kg chlorine)		3,125	
Softened water (liter/kg of chlorine)		125	
Electricity (Kwh/kg of chlorine)		2,8	
TECHNICAL FEATURES			
Power supply		220 - 240 VAC Mono	
Electrode quantity	2	4	8
Electrode lifespan		10.000 hs	
Electrode supply		12 V	
Power generation	2x20A	4x20A	8x20A
PRODUCTION - STORAGE			
Water softener, resin volume (l)	10	10	10
Brine tank capacity (l)	100	200	200
Production tank volume (l)	60	125	250
Alarms	low water, low salt, temperature, no flow, electromagnetic valve, production, sensor, overflow, hydrogen and ventilation		
Modes	Manual BOOST, Scheduled BOOST		
Communication	SMS alerts, Connect Pro		

Selection chart:



This correspondence table is for reference only. Various parameters are taken into account for model selection in line with pool basin. Contact customer service for detailed selection of Atecpool SalChloro Generator.

Typical installation example



Automatic Chemical Regulation and Control

PR-007 & PR-009

Integrated Pre-Assembled Panels for Automation





PR007 and PR009 Series Control Panels

Automatic Dosing System for measuring pH, ORP, Free CL (PPM). Fully assembled probe holder panel with pre-filter.

Intelligent Dosing function.

ISO 9001: 2015

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Automatic Chemical Regulation and Control
Integrated Pre-Assembled Panels for Automation

Automatic Chemical Regulation 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 potentiostatic membrane ION selective probe (PR007MC Panel) and amperometric cell with Cu electrode (PR-007 Panel).
- "Intelligent Dosing" function.

PR-007 Panel (CLC2 Amperometric CL Cell)



PR-007 Panel

PR007MC Panel (CLS2-1H Membrane ION Selective CL Cell)



PR007MC Panel

PR-007 Panel for Automation

Model	PR-007
Description	Panel Assembly with CLC2
Input voltage	230 Vac, 50/60 Hz.
Readings	pH / Cl_2 (ppm)
Control output	pH, ORP, Cl: 1x0.5A ac max/230V + 1x15Vdc 8W +1x Amperometric CL Cell Control input product level. potential-free, CLC_2 sensor.
Range Cl_2 (ppm):	0.0 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 L/h
Cl Electrode	Copper / Platinum
Temperature	5 - 40°C

PR007MC Panel for Automation

Model	PR007MC
Description	Panel Assembly with CLS2-1H
Input voltage	230 Vac, 50/60 Hz.
Readings	pH / Cl_2 (ppm)
Control output	pH, ORP, Cl: 1x0.5A ac max/230v + 1x15Vdc 8W +1x potential-free inductive sensor
Range Cl_2 (ppm):	0.0 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 L/h
Cl Electrode	Membrane ION Selective Sensor CLS2-1H
Temperature	5 - 40°C

Automatic Chemical Regulation and Control
Integrated Pre-Assembled Panels for Automation

Automatic Chemical Regulation and Control Specifications

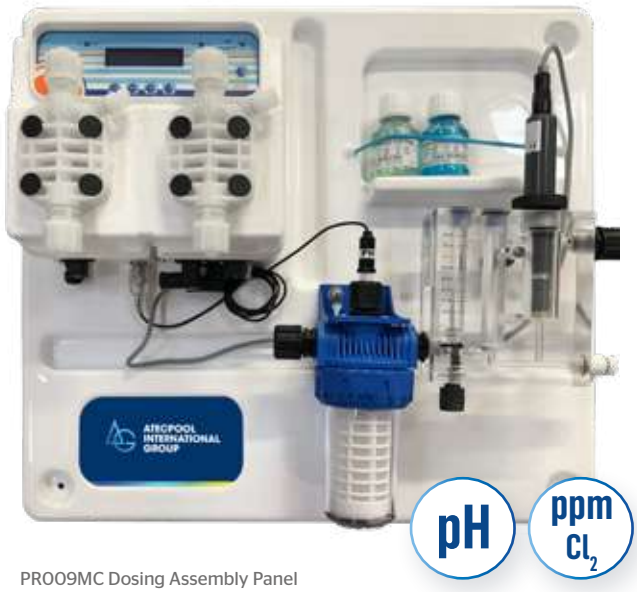
- Dual Dosing Panel PH/Chlorine dosing system with built in controller with PPM display.
- 3 operating modes: constant, ON / OFF, proportional.
- Electronic dosing control.
- Probe holder panel with pre-filter, inductive low detector and flow regulator.
- Cl (ppm) monitoring by potentiostatic membrane ION selective probe (PR009MC Panel) and amperometric cell with Cu electrode (PR-009 Panel).
- "Intelligent Dosing" function.

PR-009 Panel (CLC2 Amperometric CL Cell)



PR-009 Dosing Assembly Panel

PR009MC Panel (CLS2-1H Membrane ION Selective CL Cell)



PR009MC Dosing Assembly Panel

PR-009 Dosing Assembly Panel

Model	PR-009
Description	Dosing Panel with CLC2
Input voltage	230 Vac, 50/60 Hz.
Pump Head	PVDF fittings 1/2"
Readings	pH / Cl_2 (ppm)
Control output	pH, Cl: 1x0.5A ac max/230v + 1x15Vdc 8W +1x Amperometric CL Cell
Control input	product level. potential-free, CLC_2 sensor.
Range Cl_2 (ppm)	0.20 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 l/h
Cl electrode	Copper / Platinum
Temperature	5 - 40°C

PR009MC Dosing Assembly Panel

Model	PR009MC
Description	Dosing Panel with CLS2-1H
Input voltage	230 Vac, 50/60 Hz.
Pump Head	PVDF fittings 1/2"
Readings	pH / Cl_2 (ppm)
Control output	pH, ORP, Cl: 1x0.5A ac max/230v + 1x15Vdc 8W +1x potential-free inductive sensor
Control input	product level. potential-free, inductive sensor-low detector
Range Cl_2 (ppm)	0.0 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 l/h
Cl electrode	Membrane ION Selective Sensor CLS2-1H
Temperature	5-40°C

Specifications

Standard	Pressure	Max	Max	Stroke	Solenoid	Weight	Pump head	VA	Pulses
	Bar	l/h	cc / imp			kg			
Chlorine pump	7	5	1.11	1.3	Ø80	8	PVDF	50	150
pH Pump	7	5	0.55	1.1	Ø80	8	PVDF	50	150

Automatic Chemical Regulation and Control
pH & ORP Measurement and Controlling Device

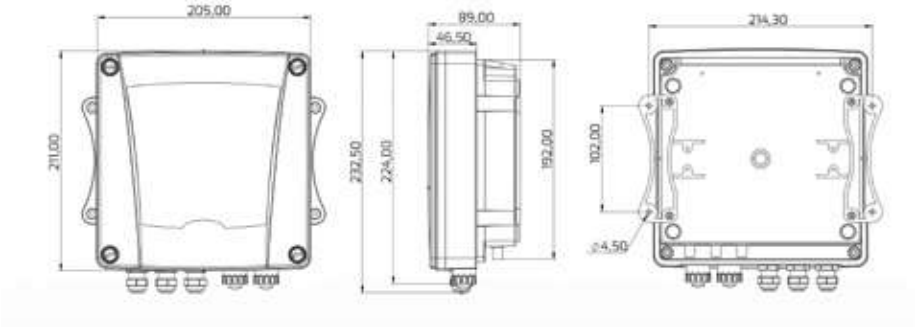
Tetra Controller for pH & ORP



Specifications

- Digital pH (0, 00 – 14, 00)
- ORP (0 – 1600mV) measurement and control device
- Two relay outputs.
- Only Display Controller without pH or RX electrodes/holders.
- Completely digital adjustment and automatic calibration by using buffer solutions.
- High resistance with IP 65 plastic body to corrosive chemicals.
- Two liquid level control input.

Code	Model	Description
pHRX002	Tetra Controller pH & ORP	pH& ORP measurements and controlling device



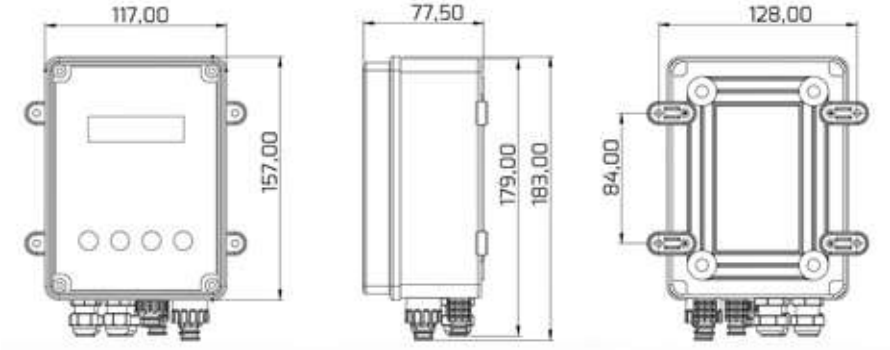
Aquameter Controller for pH or ORP



Specifications

- Single parameter measuring and control device.
- Digital pH (0,00 – 14,00)
- ORP (0 – 1600mV), measurement and control device.
- Only Display Controller without pH or RX electrodes/holders.
- High resistance with IP 65 plastic body to corrosive chemicals.
- Analog control outputs(0-10mA ,0-20mA , 4-20mA , 0-5V, 0-10V 2-10V)
- Up-down controlling buttons, user password , LCD screen with backlight.
- Programmable alarm output.
- Proportional control.

Code	Model	Description
pH003	AQUAMETER pH	pH measurement and controlling device
RX005	AQUAMETER ORP	Redox measurement and controlling device



Automatic Chemical Regulation and Control
pH/ORP Liquid Level Controlled Digital Dosing Pump

pH / ORP Microprocessor in-built Digital Dosing Pump



Specifications

- Digital screen, precise dosing with micro controller technology, time adjustment, liquid level control and user password parameters
- Only Digital Dosing Pump without pH or RX electrodes/holders.
- ORP (REDOX) or pH measurement with standard combination electrodes
- Totally digital and automatic calibration by using buffer solutions
- Start-up Delay function, adjustable timer for correct reading measurements according to chemical reaction time (0-60 min.)
- 4-20mA analog input
- Volumetric proportional control when connected to flowmeters (water meter, flowmeter, etc.)(Volumetric control cable is not included product package)
- Adjustable BNC input (optional liquid level or flow contact)
- Easy and flexible installation and usage by the vertical mount design
- High resistance to corrosive chemicals with the PVDF Pump
- Head and entire IP65 body Electronic circuit controlled electromagnet and long lasting Teflon(PTFE) diaphragm
- Suction, injection parts and liquid level sensor accessories included

Code	Model	L/h	Bar
620-570	ATEC-phRX 5L/7B	5	7
620-580	ATEC-phRX 10L/5B	10	5
620-590	ATEC-phRX 2L/20B	2	20

pH / RX Microprocessor in-built Digital Dosing Pump



Specifications

- Only Digital Dosing Pump without pH or RX electrodes/holders.
- 95- 260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to voltage.
- Less maintenance by Zirconium Ball and Long-Life Teflon (PTFE) diaphragm.
- Proportional working by Ph or Orp measurement, Sensor calibration
- Controlled operation with analog input 4-20 mA/ 20-4 mA/ 0-20 mA/ 20-0 mA Able to work with volumetric ppm operating system,
- Capacity calibration, Operation limiting function, Knock feedback adjustment
- Alarm notification and alarm output, ModBus RTU (RS485) communication input

Code	Model	L/h	Bar
630-110	ATEC-phRX 10L/10B	10	10
630-255	ATEC-phRX 25L/5B	25	5

Accessories included with the dosing pumps

Standard Accessories



Suction Kit with Liquid Level Sensor



PVDF Suction and Injection Kit



Injection Kit



Pipe Kit



Base fixing bracket (supplied with 630 models only)

Solenoid Driven Dosing Pumps
Manual Dosing Pumps

Analogue Liquid Level Controlled & 1/10 Adjusted Dosing Pump





Specifications

- Adjustable stroke rate via the potentiometer on the device.
- **Liquid level control and 1/10 adjustable button.**
- Easy and flexible installation by vertical mounting design.
- High resistance to corrosive chemicals with the PVDF Pump Head and the entire IP65 body.
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm.
- Less maintenance with ceramic ball design.
- Suction and injection parts included.
- Wall mounting housing, includes a support bracket for easy quick mounting.

Code	Model	Description	Frequency
210 402	ATEC - APS 2L / 10LB	2 Ltr / 10 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min
210 405	ATEC - APS 5L / 7B	5 Ltr / 7 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min
210 410	ATEC - APS 10L / 5B	10 Ltr / 5 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min
210 412	ATEC - APS 2L / 20B	2 Ltr / 20 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min

Analogue Dosing Pump



Specifications

- Adjustable stroke rate via the potentiometer on the device.
- Easy and flexible installation by vertical mounting design.
- High resistance to corrosive chemicals with the PVDF Pump Head and the entire IP65 body.
- Less maintenance with ceramic ball design.
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm.
- Suction and injection parts included.
- No Level Control Sensor included.
- Wall mounting housing, includes a support bracket for easy quick mounting.

Code	Model	Description	Frequency
110 302	ATEC - A 2L / 10B	2 Ltr / 10 Bar A- series Analogue Dosing Pump	120 imp / min
110 305	ATEC - A 5L / 7B	5 Ltr / 7 Bar A- series Analogue Dosing Pump	120 imp / min
110 310	ATEC - A 10L / 5B	10 Ltr / 5 Bar A- series Analogue Dosing Pump	120 imp / min
110 312	ATEC - A 2L / 20B	2 Ltr / 20 Bar A- series Analogue Dosing Pump	120 imp / min

Accessories with the dosing pumps

KIT1 STD: Standard Accessories

Dosing Pumps up to 20 l/h. Included with the pump:

- 1 Injection fitting 3/8" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid)
- 2 + 1,5m suction Hose PVC (flexible)
- 1 Filter fitting PP / Foot Valve lip type FPM





Solenoid Driven Dosing Pumps
Manual Dosing Pumps

Analogue Solenoid Driven Dosing Pump- Commercial Pools



Specifications:

- Adjustable stroke rate via the potentiometer
- 95-260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to line voltage
- Low energy consumption
- Easy and flexible installation and usage by the vertical mount design and alternative mounting advantage by base fixing bracket
- High resistance to corrosive chemicals with the PVDF Pump Head and entire 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 & 1/10 Adjustable Analogue Dosing Pump	160 imp / min
510 530	ATEC - PVDF 30L / 3B	30 Ltr / 3 Bar Level Controlled & 1/10 Adjustable Analogue Dosing Pump	160 imp / min
510 535	ATEC - PVDF 35L / 2B	35 Ltr / 2 Bar Level Controlled & 1/10 Adjustable Analogue Dosing Pump	160 imp / min
510 540	ATEC - PVDF 40L / 1B	40 Ltr / 1 Bar Level Controlled & 1/10 Adjustable Analogue Dosing Pump	160 imp / min

Accessories with the dosing pumps

KIT2 STD: Standard Accessories

Dosing Pumps up to 20 - 80l/h. Included with the pump:

- 1 Injection fitting 1/2" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid)
- 2 + 1,5m Suction Hose PVC (flexible)
- 1 Filter fitting PP / Foot Valve lip type FPM



Peristaltic Analog Dosing Pump



Specifications

- Adjustable Flow Rate
- Rapid Button
- PP- IP 65 Chemical Resistant Body
- On-Off Button
- Long-lasting roller system
- Chemical Discharge Tip
- ph-Chlorine dosing
- Detergent dosing
- Rinsing aid dosing
- Easy mount and dismount via back lid slider

Code	Model	L/h	Max. Counter Press Bar	Description
101-280	ATEC-ASP 5,1L/0.5B	5,1	0,5	5,1 Ltr / 0.5 Bar Peristaltic Analogue Dosing Pump
101-290	ATEC-ASP 2,8L/3B	2,8	3	2,8 Ltr / 3 Bar Peristaltic Analogue Dosing Pump

Accessories included with the different models > Box content Accessories



pH Chlorine:
(pH-CL) model box content



Detergent:
model box content



Rinse Aid:
model box content

Motor Driven Dosing Pumps
Manual Dosing Pumps

MTP Plastic Body Electromechanic Diaphragm Dosing Pump



Specifications

- Ideal solution for dosing high amount of liquid chemicals in precise measure
- Optional Pump head, unions and check valve preference among PP, SS 316 and PVDF materials according to chemical used
- Capacity adjustment from 0%-100% while running or standby
- Ability of capacity adjustment with 4-20 mA signal input motor driver

Code	Model	L/h	Max Pressure	Ø Diaphragm	Stroke / min		Stroke (mm)	kW / \ Voltage	Connections
					50 Hz	60 Hz			
580-505	ATEC-MTP 14L/5B	14	5	66	42	50	4	0.09 / 380V	3/4"
580-507	ATEC-MTP 32L/5B	32	5	66	85	102	4	0.09 / 380V	3/4"
580-509	ATEC-MTP 49L/5B	49	5	66	128	153	4	0.09 / 380V	3/4"

MTM Metal Body Electromechanic Diaphragm Dosing Pump



Specifications

- Ideal solution for dosing high amount of liquid chemicals
- in precise measure
- Optional Pump head, unions and check valve preference among
- PP, SS 316 and PVDF materials according to chemical used
- Capacity adjustment from 0%-100% while running or standby
- Ability of capacity adjustment with 4-20 mA signal input motor driver

Code	Model	L/h	Max Pressure	Ø Diaphragm	Stroke / min		Stroke (mm)	kW / Voltage	Connections
					50 Hz	60 Hz			
590-605	ATEC-MTM 50L/7B	50	7	110	40	48	5	0.25 / 380V	3/4"
590-607	ATEC-MTM 100L/7B	100	7	110	80	96	5	0.25 / 380V	3/4"
590-609	ATEC-MTM 150L/7B	150	7	110	120	145	5	0.25 / 380V	3/4"

Accessories included with these models:



MTP/MTM Connection Kit
PP 9x12mm



Suction and
Injection Kit MTP/MTM 9x12 PP



Pipe Kit 9x12 PE 10M



Suction 4x6 PS and
Injection Kit 4x6 P

Automatic Chemical Regulation and Control
Accessories

CLC2 Amperometric Chlorine Cell for measuring Free CL (PPM)

Metacrylate Amperometric chlorine cell, self-cleaning with glass balls measuring organic and inorganic free chlorine 0-10 mg



CLC2

Specifications

- Self-cleaning cell with glass balls
- Range 0÷10 ppm. Electrode Platinum/Copper in vertical position to avoid bubbles
- Flow adjustment: 40÷50 l/h or by visual adjustment (to be steady and continuous)
- Max pressure 5 bar - Max temperature 5÷60°C
- In-coming water flow adjustment
- Range 0÷10 ppm
- Max temperature 5÷60°C
- Flow rate 40÷50 l/h
- Temperature probe on request

Code	Description
CLC2	Amperometric Chlorine Cell PPM CLC2

Cleaning KIT for CLC2 Amperometric Cell

Solution for good maintenance of CLC2





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 CLC2 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. CLO_2 is measured at 100%



CLS2-1H

Code	Description
CLS2-1H	Membrane ION Selective Sensor PPM CLS2-1H

	CLS2-1H
Description	
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
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
Description	
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

Accessories with the dosing pumps



KIT1

KIT1 STD: Standard Accessories

Dosing Pumps up to 1÷20 l/h. Included with the pump:

- 1 Injection fitting 3/8" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid)
- 2+1,5m Suction Hose PVC (flexible)
- 1 Filter fitting PP / Foot Valve lip type FPM

Code	Description
KIT1	STD Accessories KIT1



KIT2

KIT2 STD: Standard Accessories

Dosing Pumps up to 30÷50÷80 l/h. Included with the pump:

- 1 Injection fitting 1/2" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid) 10 x 14mm
- 2 + 1,5m Suction Hose PVC (flexible) 10 x 14mm
- 1 Filter fitting PP / Foot Valve lip type FPM

Code	Description
KIT2	STD Accessories KIT2

Automatic Chemical Regulation and Control
Accessories

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 RX468	Buffer Solution 468mV, Bottle of 75ml
SOL RX650	Buffer Solution 650mV, Bottle of 75ml

Chemical Tanks



Specifications

- 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-TANK100	Atecpool Chemical Tank for Dosing PE body 100 ltr	470
D-TANK200	Atecpool Chemical Tank for Dosing PE body 200 ltr	610
D-TANK600	Atecpool Chemical Tank for Dosing PE body 620 ltr	830
D-TANK1040	Atecpool Chemical Tank for Dosing PE body 1040 ltr	1005

Mixers for Dosing Tanks

Manual Mixer

Manual mixers for medium tanks up to 200 ltr, PVC shaft and propeller.



MIX-MAN60

Code	Shaft Length
	(mm)
MIX-MAN60	600
MIX-MAN80	800

Electrical Mixer 1400 rpm / High Speed Mixer

Electrical fast mixers, 1400 rpm. Direct motor driven. Fan and mixer shaft PVC material, shaft length 75 cm. Three bladed, fan diameter 9 cm.



MIX/FE 3-6

Code	Shaft Length	Power Supply	Motor Power / rpm
	(mm)		
MIX/FE 3-6	750	380V- 3 phase - 50Hz	0,18kW / 1400 rpm
MIX/FE 1-6	750	230V - 1 phase - 50Hz	0,18kW / 1400 rpm

Electrical Mixer 75 rpm / Low Speed Mixer

Electrical slow mixers, 75 rpm. Gear driven. Fan and mixer shaft PVC material, shaft length 75 cm. Two bladed, fan diameter 21 cm.



MIX/FMV 3-6

Code	Shaft Length	Power Supply	Motor Power / rpm
	(mm)		
MIX/FMV 3-6	750	380V - 3 phase - 50Hz	0,18kW / 75 rpm
MIX/FMV 3-8	750	230V - 1 phase - 50Hz	0,18kW / 75 rpm

UV Disinfection
Ultraviolet Solutions



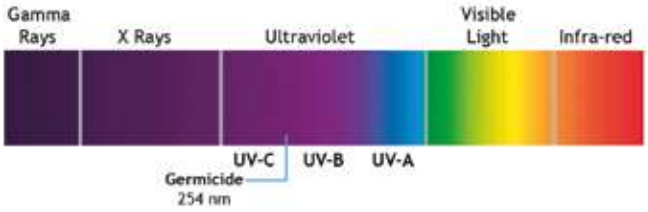
ATEC UV-40

For a cleaner, healthier pool environment

- Neutralise the micro-organisms that are not affected by chlorine and salt
- No unpleasant chlorine smell
- No more red eyes, dry skin or damaged hair
- Easier pool maintenance: simple and reliable
- Prolongs pool life – will not affect equipment and is compatible with all types of materials (pool liner, filters...)
- Environmentally friendly

The UV Concept

The sun emits invisible light called the ultraviolet light. Through leading edge technology, this natural phenomenon is reproduced inside the sanitizers of the ATECPOOL UV product range using powerful UV-C ray lamps. At 254 nanometers, the optimum wavelength for sterilizing micro-organisms (viruses, bacteria, algae, yeast, mold, etc.), UV-C rays penetrate and disrupt their DNA, permanently deactivating germ cell metabolism so they cannot reproduce.





MP Series Reactors

UV ranges have been **certified NSF 50 and Cryptosporidium evaluated**. **Testing measures for certification are required standard in order to deliver an optimal efficiency** level of microorganisms' reduction such as bacteria, viruses, Crypto, Giardia, etc. (which are not eliminated by chlorine and ozone at usual level).

Advantages of the MP Range

- The MP range delivers 60 mJ at the end of the lamps' life in order to guarantee optimum dechloramination.
- Treatment of high ow rates.
- Reactors made from micro-bitted and passivated 316L stainless steel, high resistance to the corrosion.
- Hydraulic «in line» inlet/outlet connections with nearly nonexistent pressure loss.
- High power medium pressure and multi wavelength lamps for reducing the number of lamps installed.
- High frequency electronic ballast.
- UV sensor with PLC for management of efficiency parameters (in option: remote management via a 4-20mA output) providing a continuous measurement of the UV-C radiance intensity and a control of all operation and maintenance parameters.
- Temperature sensor within the electrical box and the reactor (in option), flow sensor.
- Lamp life: 9,000 to 12,000 hours.
- Power regulation: the medium pressure is the only technology which acts on the 3 chloramines (mono-, di- and trichloramines) and which avoids risks of THM's increases.
- MP TS Range: Touch Screen.

MPTS Series
TS for touch screen
Manual or automatic wiper available

MPL Series
No wiper option

MP SERIES REACTORS (Medium Pressure lamps)

Code	Max Flow Rate*	Performance in millijoules per cm² at actual recommended flow rates **	UV Lamp: Number Power consumption	Connection DN	Length of reactor
Feature	**(m³/h)**	**(mJ/cm²)**		**(DN)**	**(mm)**
MPL 140	140	60	1 x 1.8 kW	DN 160	600
MPL 220	220	60	1 x 3 kW	DN 200	600
MPL 300	300	60	1 x 3 kW	DN 250	600
MPL 500	500	60	1 x 5 kW	DN 350	800
MP 100 TS	80	60	1 x 1 kW	DN 125	1175
MP 125 TS	140	60	1 x 3 kW	DN 150	1152
MP 140 TS	300	60	1 x 3 kW	DN 200	1244
MP 240 TS	450	60	2 x 3 kW	DN 250	1020
MP 340 TS	675	60	3 x 3 kW	DN 300	725
MP 440 TS	900	60	4 x 3 kW	DN 300	824

* Contact us for other flow rates

** The performance of these devices have been calculated at the end of the lamp life and with a transmission of 98%

UV Disinfection
Ultraviolet Solutions



ATEC ES-20

Effective Dose

The reactors in the ATECPOOL UV ranges are dimensioned according to the pump flow rate, as it is the combination of the contact time in the reactor and the power of the lamp(s) that will ensure that the necessary dose (expressed in millijoules per square centimeter or mJ/cm^2) sufficient to kill 99.9% of the micro-organisms (bacteria, viruses, algae, etc.).

ATEC ES Series UV Sterilizers - Specifications

- Drastically reduces chemical use by 50%
- Sterilizes micro-organisms that chlorine and salt systems can't
- No nasty chlorine smell
- No more red eyes, dry skin or damaged hair
- Easier pool maintenance, simple, reliable
- Prolongs pool & equipment life
- Environmentally friendly
- Compatible with all types of coatings and filters
- Compatible with all pool chemical treatments
- A treatment that can be automated with an existing chlorinator
- Power supply: 120/240V / 50 - 60Hz
- Housing: ES series-special 8" PVC plastic with stainless steel reflective inner liner and mirror polished stainless steel outer cladding.
- Ballast: electronic
- Pressure gauge: yes
- Indoor / outdoor installation: yes
- Plumbing options: 63mm or 2" PVC unions

ES Series Specification

	Max Flow Rate	UV dose in millijoules per cm^2 at actual recommended flow rates	Pressure Max	UV Lamp	Diameter of Reactor	Total Height	Inlet/Outlet diameter PVC Union
Feature	(m^3/h)	(mJ/cm^2)		(W)	(mm)	(mm)	(mm)
ATEC ES-5	7	30	40 psi - 3 bars	1x30W	8"	450.8 mm	63 mm
ATEC ES-15	13	30	40 psi - 3 bars	1x45W	8"	625 mm	63 mm
ATEC ES-20	18	30	40 psi - 3 bars	1x80W	8"	987 mm	63 mm
ATEC ES-40	25	30	40 psi - 3 bars	1x90W	8"	1168 mm	63 mm



ATEC UV-40

ATEC UV & HO Series Stainless Steel Reactor - Specifications

- Specially adapted reactors made from mirror-polished 316L stainless steel, optimized with UV-C lamps using state of the art technology with high-intensity (HO) performance.
- Very long lamp service life (up to 13.000 hr)
- Dedicated electronic ballast guaranteeing maximum lamp UV efficiency and integrated control
- Single-base lamps and patented sealing system for an easy maintenance
- Lamp operating indicator light for each lamp
- Insignificant pressure loss
- Inlet / outlet connections using unions supplied
- Power supply: 120/240V / 50 - 60Hz
- Maximum operating pressure: 3 bar

UV & HO Stainless Steel Reactors Specification

	Max Flow Rate	UV dose in millijoules per cm^2 at actual recommended flow rates	UV Lamp	Inlet / Outlet Diameter	Height of Reactor	Diameter of Reactor
Feature	(m^3/h)	(mJ/cm^2)	(W)	(mm)	(mm)	(mm)
ATEC UV-10	7	30	1 x 33	50	426	150
ATEC UV-20	12	30	1 x 55	50	696	150
ATEC UV-30	20	30	1 x 87	63	942	150
ATEC UV-40	25	30	1 x 105	75	1196	150
UV-3000 HO	33	30	3 x 87	63	1004.6	150
UV-3205 HO	45	30	3 x 87	75	1040	205
UV-4205 HO	65	30	4 x 87	75	1040	205
UV-5205 HO	85	30	5 x 87	75	1040	205
UV-6205 HO	95	30	6 x 87	75	1040	205
UV-6273 HO	130	30	6 x 87	75	1040	273

Note: The performance of these devices have been calculated at the end of the lamp's life and with a transmission of 98%.
Contact our professional team for other flow rates.

UV Disinfection
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/cm^2, 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

E Series Specification						
	Max Flow Rate	UV dose in millijoules per cm^2 at actual recommended flow rates	Pressure Max	UV Lamp	Max. Current	Inlet/Outlet diameter PVC Union
Feature	(m^3/h)	(mJ/cm^2)		(W)	(A)	(inch)
ATEC E-5	7	30	40 psi - 3 bars	16W	0.29	1.5"
ATEC E-15	20	30	40 psi - 3 bars	40W	0.29	2"
ATEC E-20	25	30	40 psi - 3 bars	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 will cut-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

E Series Specification						
	Max Flow Rate	UV dose in millijoules per cm^2 at actual recommended flow rates	Pressure Max	UV Lamp	Max. Current	Inlet/Outlet diameter PVC Union
Feature	(m^3/h)	(mJ/cm^2)		(W)	(A)	(inch)
ATEC E-40	30	30	40 psi - 3 bars	130W	1.1	2"



ATEC UV - C Ozone

UV - C Ozone Disinfection - 316L stainless steel housing

Atec UV - C Ozone combines the ozone and UV - C state of art technology for disinfection. Water pumped into the unit through reactor and air sucked through venturi system into the unit via air injector and flows through quartz glass and ozone UV - C lamp. Air enters the lamp and loaded with ozone particles then pass through ball valve and mixed with water inside reactor, thereby giving UV - C Ozone disinfection to water bodies.

E Series Specification						
	Max Flow Rate	Pool Volume	Pressure Max.	UV Lamp	Max. Current	Inlet/Outlet diameter PVC Union
Feature	(m^3/h)	(m^3)		(W)	(A)	(inch)
ATEC UV - C Ozone	25	90 - 100	40 psi - 3 bars	87W	1.1	2"

Prozone
Ozone & Advanced Oxidation Systems

Prozone Ozone Generation

The Prozone system produces ozone when air is drawn across a special high-energy vacuum ultraviolet (VUV) lamp, converting some air to ozone. A venturi injector is inserted on the return line, by-passing water back into the return line of the pool which creates suction that draws the ozone into the venturi, mixing the bubbles as the water returns to the pool. It is operated automatically by connecting the Prozone system directly to the circulation pump or plugging into a timer. A check valve is employed to prevent water back up in the event of system failure. A siphon loop is recommended for added backpressure resistance. The system should run 8-12 hours per day for good results; 24 hours per day for optimum water clarity and minimum chemical usage.

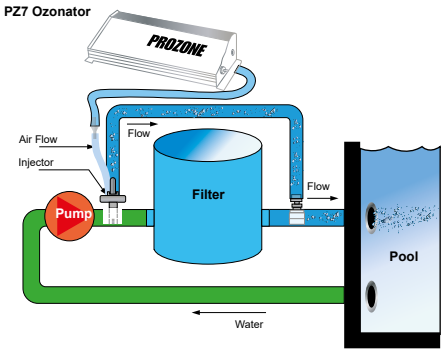
Although ozone is mainly thought of as a sanitizer, it acts primarily as an oxidizer in the pool environment. In a typical pool, using chlorine only, up to 90 percent of the chlorine may be used up in reactions unrelated to disinfection. The byproducts of these reactions are combined chlorines. Combined chlorines are the cause of eye irritation, odor, and the other unpleasant side effects of chlorination. When ozone is used, it oxidizes a large portion of the contaminants (usually referred to as bather load) which results in the formation of combined chlorines. The result is that more chlorine is available for disinfection and less chlorine is required to maintain the pool. Ozone also provides some disinfection, but an ozone residual cannot be established, so the use of chlorine or bromine is always recommended.

PZ7 Ozonator

The PZ7 provides an ozone system for pools up to 40,000 gals (152,000 liters). Housed in an anodized aluminum case, the system features two hybrid arc tubes to generate ozone, power supply (operates on 120 and 240 VAC), and bypass installation kit (good for 1-1/2 in and 2 in returns).

Prozone has combined the PZ7 product line to one Universal model. This patented system has two corona hybrid arc tubes which provides a combination of very ultraviolet and corona discharge ozone generation technologies for pools up to 40,000 gal.





Specifications

- Universal model – stock one unit for all residential in-ground pools
- to 40,000 gal (152,000l)
- 2 Prozone Patented Corona Hybrid Arc Tubes
- Prozone Universal Solid State Ballast
- (90 VAC to 270 VAC, 50/60 hz)
- Electrical: 0.8 amps
- Dual Nema Plug or 3 Wire Pigtail
- Universal Composite Saddle Clamp (1½ or 2 in.)
- Operating Temperature: -25º F. to +140º F.
- Size: 16 3/4" X 7" X 4"
- Prozone Patented Corona Hybrid Arc Tube harnesses the high ozone concentrations of Corona Discharge generators while maintaining the simplicity and reliability of VUV technology
- Optional Prozone Patented Dynamic Venturi Injector Bypass System allows maximum ozone/water mixing for superior water quality. The bypass also means a quick retrofit installation or replacement for all existing ozone generators

Prozone
Ozone & Advanced Oxidation Systems

PZ2-1 & PZ2-2

For pools and spas up to 12,500 & 25,000 gallons. PZ2-1 & PZ2-2 are compressor driven ozonators especially built for commercial pool & spa applications where proper oxidation is a must.





PZ2-1

Heavily Loaded Pools Up To 12,500 Gallons

Nominal Loading Up To 25,000 Gallons

PZ2-2

Heavily Loaded Pools Up To 25,000 Gallons

Nominal Loading Up To 50,000 Gallons

PZ2-1 & PZ2-2

The PZ2-1 & 2 series can be used on commercial spas all the way up to the largest Olympic size commercial pool. Because of the numerous lamps, it is much more reliable than comparable corona discharge systems.

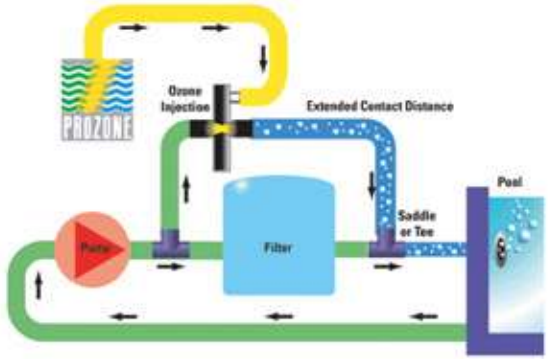
The PZ2-1 & 2 series are extra quiet with high output compressors to produce maximum ozone production. The PZ2-1 is rated for up to 12,500 gallons for residential pools and 1,000 gallons for in-ground spas. The PZ2-2 is rated for pools up to 25,000 gallons. Installation is fast and easy by simple saddle connection to the return line. They feature patented bypass for optimal ozone absorption and extended system life.

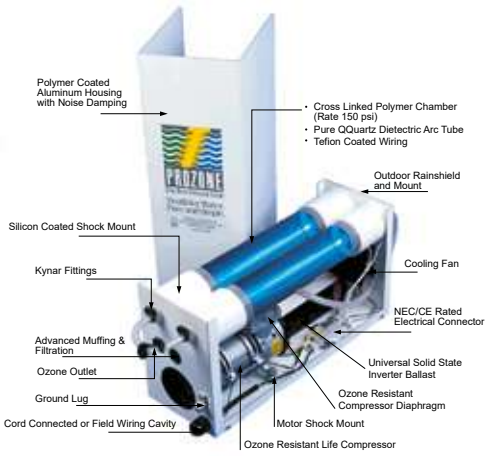
The PZ2-1 and PZ2-2 systems inject ozone into the water under almost any hydraulic condition including pools with in-floor cleaners. The systems are designed for large residential pools, commercial pools and spas.

Specifications

- Prozone Patented Corona Hybrid Arc Tubes
- Prozone Universal Solid State Ballast
- (90 VAC to 270 VAC, 50/60 hz)
- Electrical: 0.4 amps max. (PZ2-1) 0.8 amps max (PZ2-2)
- 3 Wire Pigtail
- Universal Composite Saddle Clamps (1½" or 2")
- Operating Temperature: -25º F . to +140º F
- Size: 27" x 12" x 9"

Dynamic Venturi Injector Bypass Installation





Ozone Sizing For Pools

Code	Chlorine	Bromine
		(mm)
PZ2-1	12,500 gallons	12,500 gallons
PZ2-2	25,000 gallons	25,000 gallons

Ozone Sizing For Spas

Code	Chlorine	Bromine
		(mm)
PZ2-1	500 gallons	500 gallons
PZ2-2	1,000 gallons	1,000 gallons

Custom Features

Optional Degassing Column to remove air and/or excess ozone from system

Prozone
Ozone & Advanced Oxidation Systems

PZ2-4 - PZ2-48 Series

The PZ2 Hybrid Series features Prozone's patented Hybrid Advanced Oxidation Ozone generators which create both ozone and hydroxyl radicals for the ultimate in water oxidation and purification. Each rugged Hybrid system is venturi or compressor driven, injecting consistent amounts of ozone into the water.

PZ2-4 & PZ2-16



PZ2-4



PZ2-12



PZ2-16



PZ2-6 or PZ2-8
With Skid Mount Option



Wall Mount Counterflow

PZ2-Unit	Pool Size	Nominal Loading	Weight	Dimensions	Installation Packages
PZ2-4	Up to 50,000 gallons Spas up to 1,000 gal.	Up to 100,000 gallons	47 lbs	27" x 10" x 26"	Bypass Installation Kit Included Optional Skid Mount Package Available
PZ2-6	Up to 75,000 gallons Spas up to 2,500 gal.	Up to 150,000 gallons	66 lbs	27" x 10" x 39"	
PZ2-8	Up to 100,000 gallons Spas up to 3,000 gal.	Up to 200,000 gallons	72 lbs	27" x 10" x 39"	
PZ2-12	Up to 150,000 gallons	Up to 300,000 gallons	87 lbs	27" x 10" x 52"	
PZ2-16	Up to 200,000 gallons	Up to 400,000 gallons	110 lbs	27" x 10" x 65"	

PZ2-24 & PZ2-48

Skid Mount Hybrid™ Commercial Systems With Counterflow Contacting – Skid system sizing is specified for cryptosporidium destruction. Skid Systems include side stream circulation pump.



PZ2-24 Ozone Side



PZ2-24 Counter flow



PZ2-48

PZ2-Unit	Pool Size	Nominal Loading	Weight	Dimensions	Installation Packages
				(mm)	(mm)
PZ2-24	Up to 300,000 gallons	Up to 600,000 gallons	Varies with Customization	42" x 37" x 60"	Skid Mount Package Included
PZ2-48	Up to 600,000 gallons	Up to 1,200,000 gallons	Varies with Customization	42" x 37" x 60"	Skid Mount Package Included

Pool Sizing

Code	Chlorine	Bromine
		(mm)
PZ2-4	50,000 gallons	25,000 gallons
PZ2-8	100,000 gallons	50,000 gallons
PZ2-12	150,000 gallons	75,000 gallons
PZ2-16	200,000 gallons	100,000 gallons
PZ2-24	300,000 gallons	150,000 gallons
PZ2-48	600,000 gallons	300,000 gallons

Nominal Ozone Output

Code	Grams Per Hour
PZ2-4	2 grams/hour
PZ2-8	4 grams/hour
PZ2-12	6 grams/hour
PZ2-16	8 grams/hour
PZ2-24	12 grams/hour
PZ2-48	24 grams/hour

Accu-Tab System
Tablet Chlorination



16210100

Accu-Tab 100

The Accu-Tab®100 chlorinator combines with the proprietary 31/8" Accu-Tab Blue SI calcium hypochlorite tablets to deliver predictable rates of chlorine for a variety of HMAC pool water applications.

Specifications

- 30 pound tablet storage capacity
- For spas (with chemical controllers) 500 gal and larger
- For Indoor pools up to 80.000 gal
- For pools (with chemical controller) up to 60.000 gal
- NSF 50 certified at 19.2 pounds of available chlorine per day

Accu-Tab 100 Series Specification

Code	Dimension	Inlet Connection	Outlet Connection
16210100	Ø14" x 25"H	3/4" Socket	3/4" Socket



16211030

Power Base 1030

The Accu-Tab® system combines the patented erosion feeder technology of the PowerBase 1030 chlorinator with proprietary 31/8 -inch Accu-Tab Blue SI calcium hypochlorite tablets to deliver predictable rates of chlorine for commercial water applications.

Specifications

- 30 pound tablet storage capacity
- For indoor pools up to 360.000 gal
- For outdoor un-stabilized pool up to 60.000 gal
- For outdoor stabilized pools up to 140.000 gal
- NSF 50 certified delivery - upto 2.8 lbs/hr chlorine

Power Base 1030 Series Specification

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.

Specifications

- 70 pound tablet storage capacity
- For indoor pools up to 1.120.000 gal
- For outdoor un-stabilized pool up to 220.000 gal
- For outdoor stabilized pools up to 400.000 gal
- NSF 50 certified delivery - upto 10.2 lbs/hr chlorine

Power Base 3070 Series Specification

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



16213500

Power Base 3500

The 3500 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.

Specifications

- 500 pound tablet storage capacity
- For indoor pools up to 4.800.000 gal
- For outdoor un-stabilized pool up to 80.000 gal
- For outdoor stabilized pools up to 1.400.000 gal
- NSF 50 certified delivery - upto 36.4 lbs/hr chlorine

Power Base 3500 Series Specification

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—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
- Weight: 325 grams, nominal
- Color: Blue
- Chemical Assay of Cal-Hypo: Active Ingredient, Calcium Hypochlorite, % 68 nom. Other Ingredients, % 32. Minimal Available Chlorine, % 65
- 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
- Weight: 325 grams, nominal
- Color: White
- Chemical Assay of Cal-Hypo: Active Ingredient, Calcium Hypochlorite, %68 nom. Other Ingredients, %32. Minimal Available Chlorine, %65
- 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





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.

In-line Chlorine / Bromine Feeder Specifications									
	Capacity	Max. Output	Max. Working Pressure	Connection	Total Height	Base Diameter	Std. Weight	Pkg. Unit	Pkg. Volume
Feature					(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	0.013
00505679	9 LBS / 4.08kg	32 LBS/Hr.	3.44 bar	2" IN/OUT Threaded	360	180	1.9	1	0.019

Floating Dispenser

Allows easy dosage of pool chemicals with capacity for 4 tablets, 200 grams each.



Code	Diameter of Tablet	Unit
00505338	3"	1

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.



ACO Specifications

- 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%.



APF Specifications

- 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 aquarium. 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.



NOPHOS Specifications

- Eliminates phosphates - Prevents algae and bacteria growth
- Is a natural product - NoPhos can be used in swimming pools and fish ponds
- Makes crystal clear water.

Code	Standard Packing	Volume
		(ltr)
20001	1	5
20002	1	20

PoolLab Pool Tester
Smart Photometer

Atecpool PoolLab Pool Tester with App and Bluetooth

The new tester PoolLab is a triple wavelength (530/570/620nm) photometer for professional water analysis of private pools and spas.

An in-built but changeable cuvette allows quick water sampling by just dipping in the IP68 waterproof PoolLab with its 6 buttons is designed for instant access to the parameters installed, which are: pH, Chlorine (free/ combined/ total), Alkalinity (Acid Capacity), Cyanuric Acid (Stabilizer). Active Oxygen (MPS), Bromine, Chlorine Dioxide, Ozone, Hydrogen Peroxide Total Hardness, Calcium Hardness, Urea and PHMB.

As PoolLab uses wireless Bluetooth 4.0 technology, it can easily be connected to free software and app for test result management.

Once test results are synchronized, software and app allow dosage recommendations, based on individually entered water treatment chemicals. User can print test result reports, perform index calculation, such as LSI, nd much more.

A free cloud server takes care that data on app and software are constantly synchronized, if the user decides to use this feature.





Pool Lab Pool Tester - Specifications

- Bluetooth equipped
- Powerful App and software
- Free cloud space
- 6 buttons for direct access
- IP68 Waterproof
- Fixed but changeable cuvetter

Code	Description
LAB310	PoolLab Digital Test Kit

PoolLab Pool Tester - Parameters

PoolLab Tester offers the following pre-installed parameters:

- pH - range 6.50 - 8.40 pH
- Chlorine (free/combined/total) - range 0.00 - 8.00 mg/l (ppm)
- Alkalinity (Acid Capacity) - range 0 - 200 mg/l (ppm) $CaCO_3$
- Cyanuric Acid (Stabilizer) - range 0 - 160 mg/l (ppm)
- Active Oxygen (MPS) - range 0.0 - 30.0 mg/l (ppm)*
- Bromine - range 0.0 - 13.5 mg/l (ppm)**
- Chlorine Dioxide - range 0.0 - 11.4 mg/l (ppm)**
- Ozone - range 0.00 - 4.00 mg/l (ppm)**
- Hydrogen Peroxide (LR) - range 0.00 - 2.90 mg/l (ppm)*
- Hydrogen Peroxide (HR) - range 0 - 200 mg/l (ppm)*
- Calcium Hardness - range 0 - 500 mg/l (ppm) $CaCO_3$*
- Total Hardness - range 0 - 500 mg/l (ppm) $CaCO_3$*
- Urea - range 0.1 - 2.5 mg/l (ppm)*
- PHMB - range 5 - 60 mg/l(ppm)*

*requires reagents not included in basic kit
**requires Glycine reagent tablets if chlorine is present
Glycine reagent tablets are not included in the basic kit

PoolLab Pool Tester - Basic kit

- 1 x PoolLab 1.0 with Bluetooth 4.0 IP68 waterproof
- 1 x Transparent plastic case
- 1 x Light shield
- 1 x Plastic stirring rod
- 1 x 10ml syringe
- 3 x AAA batteries
- 1 x manual
- Free access to PoolLab software
- Free access to PoolLab app
- Free access to PoolLab cloud

PoolLab Pool Tester - Reagents

- 20 tablets Phenol Red
- 20 tablets DPD N° 1
- 10 tablets DPD N° 3
- 10 tablets Alkalinity-M
- 10 tablets CYA-Test

all tablets are Photometer grade

Pool Tester
Test blocks

Pool Tester & Mini-tester

All Pool tester and Mini-Tester reagents are entirely developed and produced in Germany and blistered in push-through aluminium blisters providing long shelf life of 5 to 10 years as well as easy handling.

Our reagents were the first reagent tablets manufacturer introducing the tablet push-through-blister and got awarded for it some years ago.



Pool Tester Specifications

- Classic way of how to reliably test your pool and spa water.
- All our pool testers have a white background. By that, reading the result is easy and won't be disturbed by background colors.
- Chambers behind the color charts can be filled with water as well, to automatically adjust the scale colors, in case the water to be tested is pre-colored.
- Pool testers work with German made, rapid dissolving reagents.

		Code	Description	Measurement ranges
Pool Tester		PT100	Pooltester **pH** and **chlorine/bromine**. 8 pH scale values,16 Chlorine/Bromine scale values. Tablets for 30 tests (each).	pH 6.8 - 8.2 Cl (f/c) 0.1 - 6.0 Br 0.22 - 13.2
		PT500	Pooltester **pH**, **chlorine/bromine** and **alkalinity**. Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 Cl (f/c) 0.1 - 6.0 Br 0.22 - 13.2 Alk 0 - 250
		PT200	Pooltester **pH** and **active oxygen (MPS)**. Each 8 scale values. Tablets for 30 tests (each).	pH 6.8 - 8.2 MPS 0 - 15
		PT300	Pooltester **pH**, **Hydrogen Peroxide** (H_2O_2) and **PHMB** (Biguanide). 2 2 Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 PHMB 10 - 100 H_2O_2 5 - 50
		PT400	Pooltester **pH** and (free) **Copper/ Zinc** values (differential process). Each 8 Scale values, Incl. stirring rod to crush the tablets. Tablets for 20 tests (each).	pH 6.8 - 8.2 Cu 0.0 - 1.0 Cu/Zn 0.0 - 1.0
MiniTester		PTM100	Mini-Tester for the measurement of **pH** and **Chlorine** / **Bromine** values. Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.0 Cl (f/c) 0.5 - 5.0 Br 1.1 - 11.0
		PTM200	Mini-Tester **pH** and **Active Oxygen** (MPS). Each 6 scale values. Tablets for 20 tests (each)	pH 6.8 - 8.2 O_2 1.5 - 15.0
		PTM900	Mini-Tester **pH** and **Chlorine Dioxide**. Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 Chlor. Diox. 1.0 - 9.5

All reagent tablets are available in pack sizes of 50 / 100 / 250 / 500 tablets as well as mixed packs, matching the original quantity of tablets per tester as shown in the table under "content".





COMPETITION EQUIPMENT

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP



Competition Equipment

Fina APPROVED

> “The only board approved by FINA for world championships”

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.

Powered by

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. What distinguishes the Maxi-B from other models is that the board has 189 slots at the tip end.



Code	Description	Length	Weight
		(ft)	(lbs)
66-231-330	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.





Code	Description	Length	Weight
		(ft)	(lbs)
66-231-326	Duraflex 16' Springboard	16'	145

14' DURAFLEX

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.

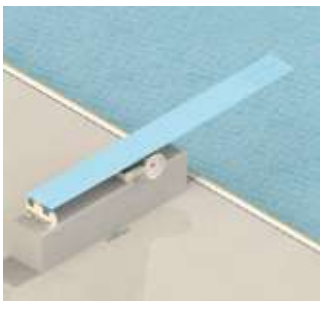




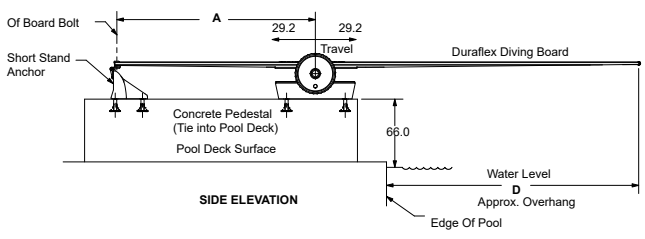
Code	Description	Length	Weight
		(ft)	(lbs)
66-231-324	Duraflex 14' Springboard	14'	140

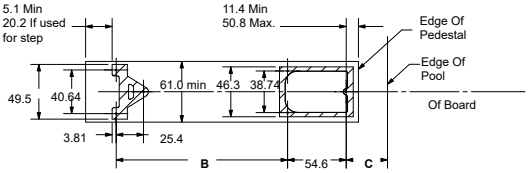
Short Stands

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. The Duraflex #520 stand also include double stainless steel handrails on both sides. Drawings and CAD blocks are available upon request.









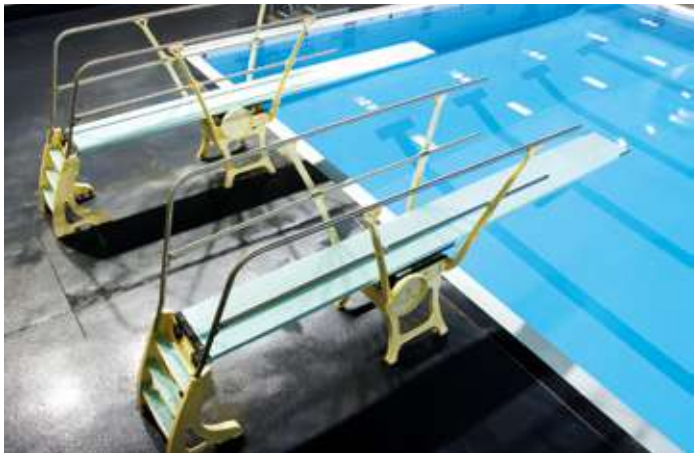
Code	Description	Weight
		(lbs)
70-231-520	Short Stand with double handrails	335
70-231-524	Short Stand without handrails	125

Duraflex
1 and 3 Meter Stands

1 Meter Stand

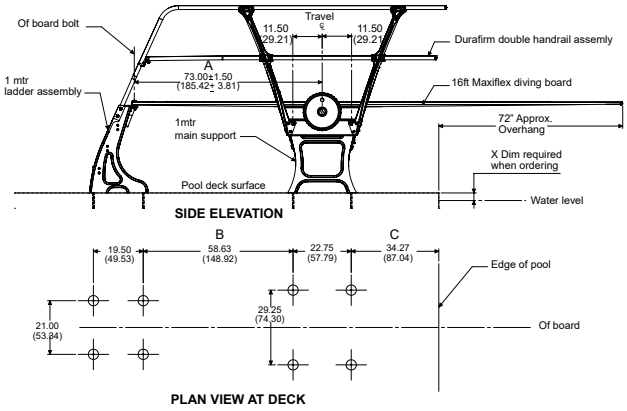
1 Meter Duraflex stand is designed to provide a firm foundation for mounting Duraflex aluminium springboards. The Duraflex stand is the result of design focused on stability, low noise level and ease of installation.

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.





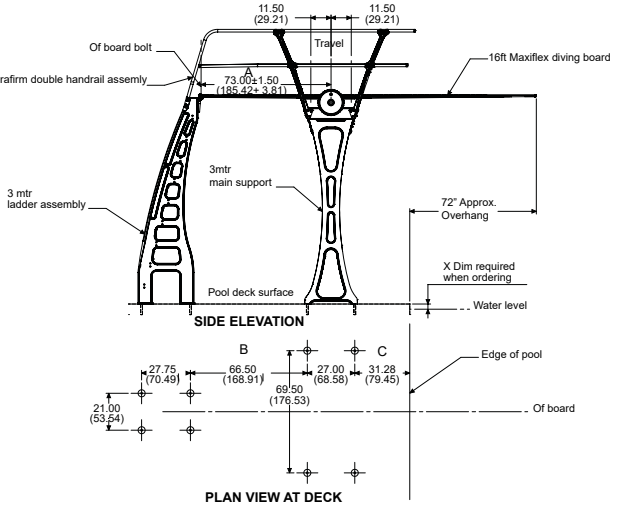
Code	Description	Weight
		(lbs)
70-231-400	1 Meter Stand with handrails on both sides	420



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)
70-231-300	3 Meter Stand with handrails on both sides	675



Competition Equipment
Olympic Pool Accesories

Anti Wave SuperBlock with Track Start

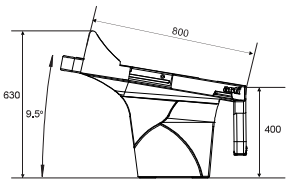
Made of reinforced fiberglass, these are the premium starting blocks for top performance training and competition venues. 800x620 mm antislip platform surface with AISI 316 fittings. Backstart handles reinforced with AISI 316 for safety and durability. Compatible with major electronic timing systems (including Omega RBD).



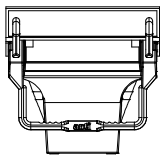
Fina APPROVED

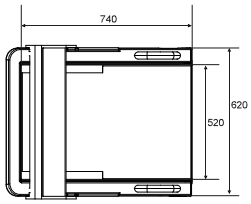
Specifications

- Movable Track Start, adjustable to 5 positions.
- Safe start handles for fast starts and safety.
- Durable, non-slip Aquadeck tread.

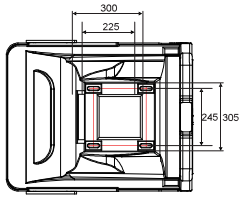


side view


front view



bottom view



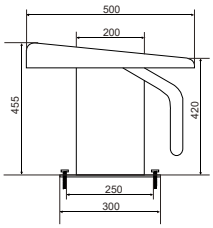
vertical view

Code	Description	Height	Weight	Volume
		(mm)	(kg)	(m^3)
13034080	Super Block with Track Start	400	50	0.42

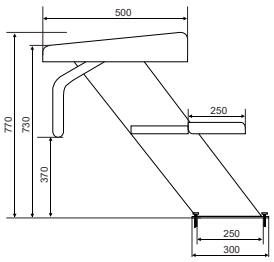
Starting Block with Adjustable Platform

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.







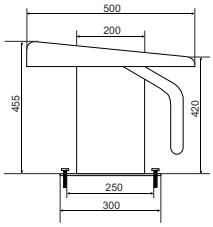


Code	Description	Height	Weight	Volume
		(mm)	(kg)	(m^3)
13034082	Starting Block 400 MM w/adjustable platform	400	18	0.11
13034083	Starting Block 700 MM w/adjustable platform	700	32	0.34

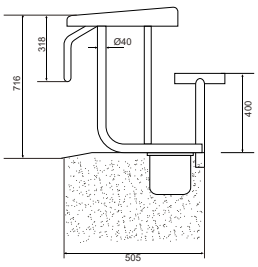
Atecpool Starting Block with Fixed Platform

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	Height	Weight	Volume
		(mm)	(kg)	(m^3)
13034084	Starting Block 400 MM w/fixed platform	400	18	0.11
13034085	Starting Block 700 MM w/fixed platform	700	25	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, Olympics 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 worlds fastest pools. All discs are made from UV stabilized advanced co-polymer 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

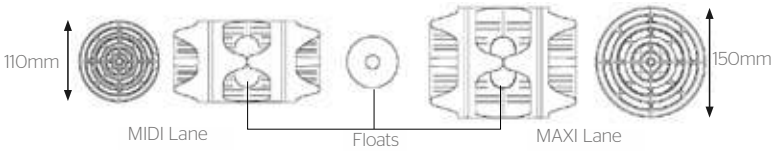


Long Clamp with SS Hook

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

Code	Description	Length
		(m)
13039077	Float Lane 25 MAXI 150 mm Competition	25
13039067	Float Lane 50 MAXI 150 mm Competition	50

- Standard colours: Red 5 m 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 postions.
- FINA Multicolour: available on request, customs colours available on request.



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.



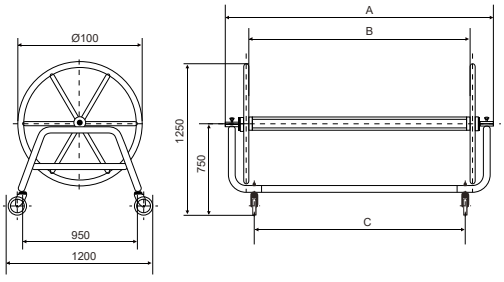
Code	Description	Length	No. of donut floats
		(m)	
13039091	Float Lane 12.5 M STD	12.5	276
13039092	Float Lane 50 M STD	50	552
13039093	Float Lane 50 M STD	50	1105

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.







Code	Description	A	B	C	Weight	Volume
		(mm)	(mm)	(mm)	(kg)	(m^3)
13037071	Lane Rope Roller 1200 mm	1590	1200	1150	9	0,07
13037072	Lane Rope Roller 1800 mm	2190	1800	1750	13	0,09

Capacity - quantity of lane ropes collected in each roller

Model	1200 mm		180 0mm	
	25 m	50 m	25 m	50 m
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	Volume	Std packing
		(mm)	(kg)	(m^3)	
13037081	Lane Rope Anchor	165	0.60	0.003	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	Volume	Std packing
		(kg)	(m^3)	
13030016	Lane Rope Anchor w/ Central Rod	0.8	0.002	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	Volume	Std packing
		(kg)	(m^3)	
13030019	Lane Rope Anchor Cup Retractable	0.98	0.002	2

SuperTensioner

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	Volume	Std packing
		(kg)	(m^3)	
13037082	Lane Rope Hook	2	0.002	25

Lane Rope Ratchet

Made of Stainless Steel AISI 316.



Code	Description	Weight	Volume	Std packing
		(kg)	(m^3)	
13037090	Lane Rope Ratchet	0.8	0.002	1

Competition Equipment
Olympic Pool Accessories

False Start Indicators

Includes 2 posts in stainless steel AISI 316, cord and floats. No anchors included. Available in two different widths. Height 1800 mm. Ø43mm posts for pool width upto 12.5 meters and Ø48mm posts for pool width above 12.5 meters.



Code	Description	Weight	Std Packing
		(kg)	
13034090	False Start Indicator Width 12.5m	4.9	1
13034097	False Start Indicator Width 25m	7.7	1

Note: Anchoring Sockets 13030015 / 13030018 or 13030017 / 13030019 to be ordered separate for the posts.

Backstroke Turn Indicators

Includes 4 posts in stainless steel AISI 316, cord and thick PVC flags (4 nos every meter). No anchors included. Available in two different widths. Height 1800 mm. Ø43 mm posts for pool width upto 12.5 m and Ø48 mm posts for pool width above 12.5 m.

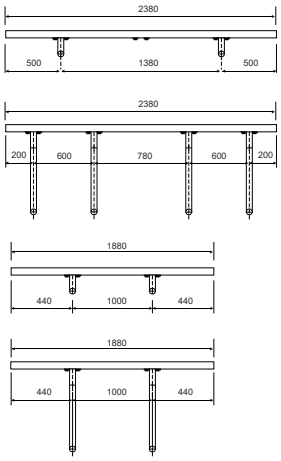


Code	Description	Weight	Std Packing
		(kg)	
13034095	Backstroke Turn Indicator 4 Post W 12.5m	11.9	1
13034093	Backstroke Turn Indicator 4 Post W 25m	22.7	1

Note: Anchoring Sockets 13030015 / 13030018 or 13030017 / 13030019 to be ordered separately for the posts.

Turning Panels

Stainless steel AISI 316 turning panel with ABS lattice. Height 300 mm. No support included.

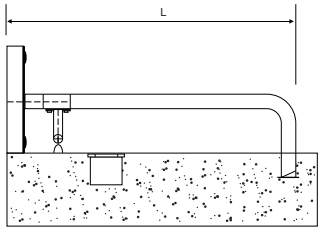




Code	Description	Weight	Std Packing
		(kg)	
13034008	Turning Panel Width 2m	14.2	1
13034009	Turning Panel Width 2.5m	17.1	1

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 international regulations making it essential to the swimming community. Bulkhead motorisation began in 1985 and is still in operation, leading the world in reliability and operation.



Innovation and Durability • Anti Movable Bulkhead installed Brisbane Valley 1985 and still in service today



FINA World Cup Singapore 2012



Motorised Bulkhead





ATECPOOL
INTERNATIONAL
GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

Wellness



Steam and Sauna from **helo**

Simplicity is a Good Thing

We have trail-blazed the sauna industry for almost one hundred years. The time has come to introduce the only multilayered sauna experience on the market. A new dimension in modern sauna solutions. A new dawn in sauna engineering. Try the new BWT, Bio Water Technique from Helo.

Atecpool Spa Royal Collection

The key to Wellness

Based on our 30 years experience in the creation of modern swimming pool techniques and the whirlpool equipment, as the expert 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
Spruce



Square
Alder



Square with glazed section front
Alder



Square with glazed section side
Aspen



Square with glazed section front & side
Spruce



Glass front
Alder



Glass corner
Aspen



Square with round glass corner
Aspen

TyloHelo
Sauna Rooms

TyloHelo Premium Saunas for well-being

When you step in to the sauna room you leave the rest of the world outside. The moment is yours. The complete sensation is affected by light, smell, sound and the feel of the surrounding room. Helo quality is evident by our styling and design - where small details help create the ideal sauna ambience. A soft rounded back support with integral fibre optic lighting and a curved seat gives a relaxed comfort. Beautiful materials in walls and doors create harmony and well-being.

We only use the highest quality, hand-selected wood for our sauna rooms and interiors. To us the need for quality is obvious. Our products are a part of your lifestyle and must therefore withstand regular use for many years.



1. Layout

Choose between square, corner, glass front, glass corner and round corner.

2. Panel

Horizontal or vertical paneling available in four different types of wood: Spruce, Aspen, Thermo-Aspen or Hemlock. Or two kinds of solid log: Spruce or Fir.

3. Interior

Choose between Classic, Classic slim, wide benches made of Alder or Aspen. Then select a closed style with skirting panel or an open style without skirting panel. The skirting can have either soft or straight bench front.

4. Glass

You can choose between clear glass, tinted glass or frosted glass.

5. Door Handle

Choose between horizontal and vertical orientation or go for the design handle.

6. Soffit

Soffits come with built-in lighting.

7. Heater

Here it is important to know the size of the sauna to select the correct model.

Choose your wood for Helo Saunas - Spruce, Aspen, Hemlock and more


Spruce

Aspen


Alder


Hemlock


Pine


Premium Log Spruce

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 back rests 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 back rests 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 back rests.





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





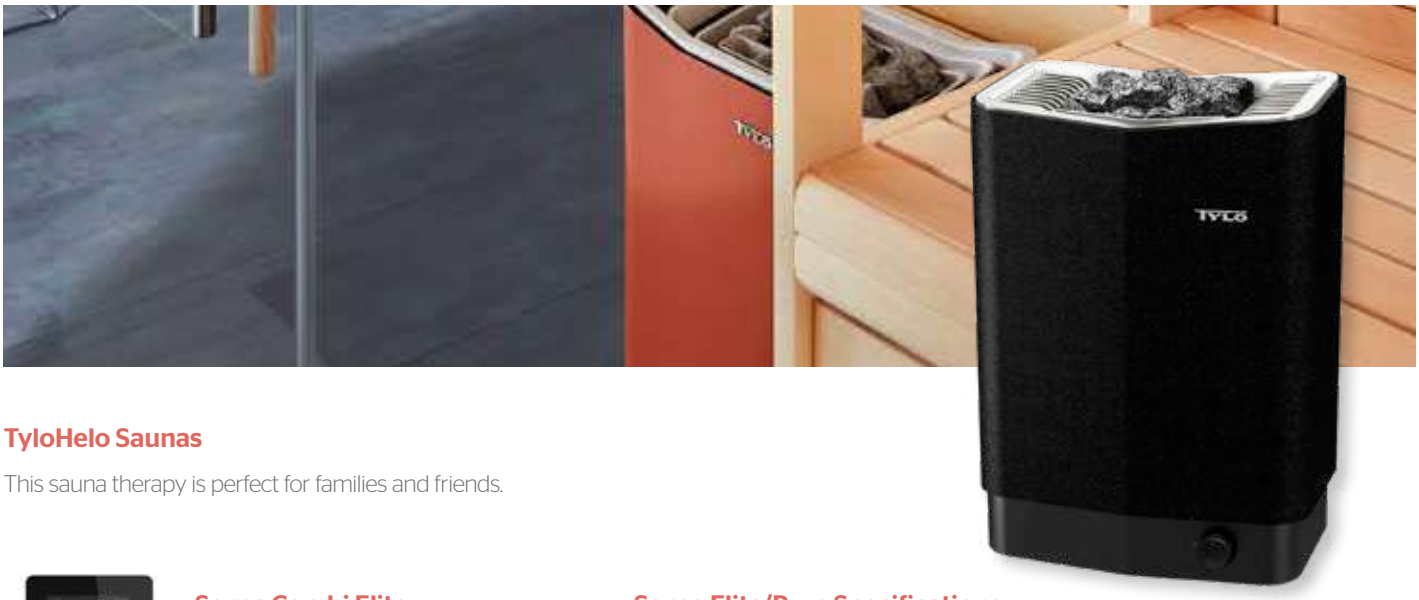




TyloHelo
Sauna Heaters

Soft Sauna. Lower temperature, higher humidity

Stay longer in the sauna. Lower the temperature and immerse yourself in warm steam. Keep the room temperature at a mild 45–65 °C and increase humidity to 30–65% to create that perfect soft sauna climate. This sauna therapy is perfect for families and friends.



TyloHelo Saunas

This sauna therapy is perfect for families and friends.



Sense Combi Elite

Gives a quicker heat up time and lets you set the exact percentage of humidity for full control. Local Wifi connectivity for maximum advantage and comfort is included.



Sense Combi Pure

Comes with the standard digital touch control panel for ease of use and convenience. Let you set temperature and time.

Sense Elite/Pure Specifications

- 6.6 kW - for sauna volume 4–8 m³
  8 kW - for sauna volume 6–12 m³
  10.5 kW - sauna volume 10–18 m³
- Offers both dry, wet and steam sauna (Soft Sauna).
- Choose either control panel Elite or Pure for your Combi heater. The control panel is included in the price.



Sense Sport 2/4

- 2.2 kW - for sauna volume 2–2,5 m³
  4.5 kW - for sauna volume 2–4 m³
- Offers a classic dry sauna.
- Has a built-in control panel.
- Suitable for domestic use..



Sense Sport Combi 4

- 4.5 kW - for sauna volume 2–4 m³
- Offers both dry, wet and steam sauna (Soft Sauna).
- Has a built-in control panel
- .Suitable for domestic use.



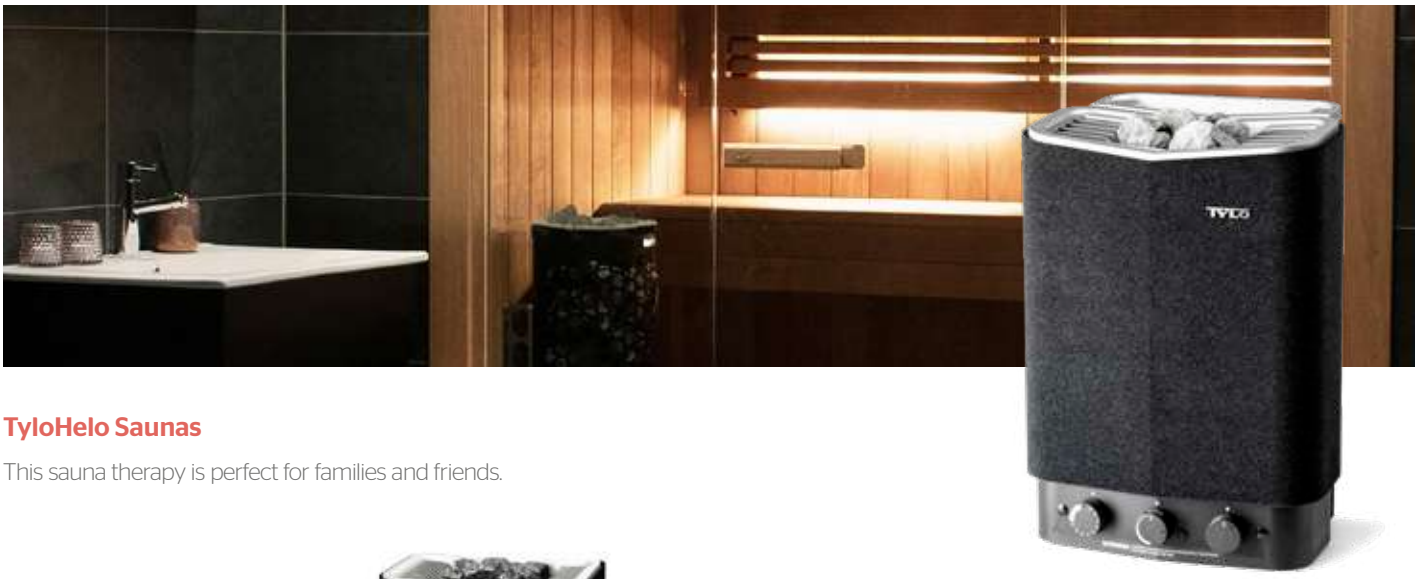
Sense Sport

- 6.6 kW - for sauna volume 4–8 m³
- 8 kW - for sauna volume 6–12 m³
- Offers a classic dry sauna.
- Control panel with thermostat and mechanical timer integrated into the base of the heater.
- Suitable for domestic use.

TyloHelo
Sauna Heaters

Soft Sauna. Lower temperature, higher humidity

Stay longer in the sauna. Lower the temperature and immerse yourself in warm steam. Keep the room temperature at a mild 45–65 °C and increase humidity to 30–65% to create that perfect soft sauna climate.



TyloHelo Saunas

This sauna therapy is perfect for families and friends.



Sense Commercial

- 6.6 kW - For sauna volume 4–8 m³
  8 kW - For sauna volume 6–12 m³
  10.7 kW - For sauna volume 10–18 m³
  16 kW - For sauna volume 15–35 m³
  20 kW - For sauna volume 22–43 m³
- Offers a classic dry sauna in public settings.
- Add control panel Elite together with relay box Commercial / Commercial Lite.
- Suitable for commercial use



reddot design award

Expression

- 10 kW for sauna volume 10–18 m³
- Offers a classic dry sauna.
- Add control panel Elite or Pure with Relay Box Commercial Lite.
- Suitable for domestic and commercial use.

Expression Combi

- 10 kW - For sauna volume 10–18 m³.
- Offers both dry, wet and steam sauna (Soft Sauna).
- H2 control panel and relay box RB45 are included in the price.
- Suitable for domestic and commercial use.

Available colours:

Copper | Champagne | Black | Black Thermosafe

TyloHelo
Sauna Heaters - buying guide

Home electric sauna heaters

Model	Code	Output	Sauna volume	Min. distance to side wall	Min. ceiling height	Suitable control panel	Weight heater + rocks	Height	Width	Depth	Installation
		kW	m³	mm	mm		kg	mm	mm	mm	
Sense Sport 2/4	62202020	2.2–4.5	2-4	20	1900	Built-in	9.3+7	480	348	214	Wall mounted
Sense Sport Combi 4	62202060	4.5	2-4	20	1900	Built-in	13.4+7	490	348	274	Wall mounted
Sense Sport 6	61001018	6.6	4-8	110	1900	Built-in	17+20	559	431	375	Wall mounted or floor standing*
Sense Sport 8	61001012	8	6-12	110	1900	Built-in	17+20	559	431	375	Wall mounted or floor standing*
Sense Pure 6	61001031	6.6	4-8	110	1900	Pure included	17+20	559	431	375	Wall mounted or floor standing*
Sense Pure 8	61001033	8	6-12	110	1900	Pure included	17+20	559	431	375	Wall mounted or floor standing*
Sense Pure 10	61001110	10.5	10-18	110	1900	Pure included	17+20	559	431	375	Wall mounted or floor standing*
Sense Elite 6	61001034	6.6	4-8	110	1900	Elite included	17+20	559	431	375	Wall mounted or floor standing*
Sens Elite 8	61001035	8	6-12	110	1900	Elite included	17+20	559	431	375	Wall mounted or floor standing*
Sense Elite 10	61001112	10.5	10-18	110	1900	Elite included	17+20	559	431	375	Wall mounted or floor standing*
Sense Combi Pure 6	61001080	6.6	4-8	110	1900	Pure included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Pure 8	61001082	8	6-12	110	1900	Pure included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Pure 10	61001086	10.5	10-18	110	1900	Pure included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Elite 6	61001036	6.6	4-8	110	1900	Elite included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Elite 8	61001038	8	6-12	110	1900	Elite included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Elite 10	61001084	10.5	10-18	110	1900	Elite included	23+20	559	431	375	Wall mounted or floor standing*
Expression 10 Black	61001000	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*
Expression 10 Champagne	61001003	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*
Expression 10 Copper	61001006	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*
Expression 10 Black Thermosafe	61001120	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*

Professional electric sauna heaters

Model	Code	Output	Sauna volume	Min. distance to side wall	Min. ceiling height	Suitable control panel	Weight heater + rocks	Height	Width	Depth	Installation
		kW	m³	mm	mm		kg	mm	mm	mm	
Sense Commercial 6	61001025	6.6	4-8	110	1900	Pure or Elite with relay box Commercial Lite	16+20	559	431	375	Wall mounted or floor standing*
Sense Commercial 8	61001027	8	6-12	110	1900	Pure or Elite with relay box Commercial Lite	16.5+20	559	431	375	Wall mounted or floor standing*
Sense Commercial 10	61001090	10.7	10-18	150	1900	Pure or Elite with relay box Commercial Lite	32+25	650	650	400	Wall mounted
Sense Commercial 16 3x400V	61001092	16	15-35	150	2100	Pure or Elite with relay box Commercial Lite	32+25	650	650	400	Wall mounted
Sense Commercial 20 3x400V	61001094	20	22-43	150	2100	Pure or Elite with relay box Commercial Lite	32+25	650	650	400	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 (mm)				
	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	6.0	5 - 9	410	580	280	23	Wall	70	100	-	1250	120
CUP 80 D	8.0	8 - 13	410	580	300	23	Wall	100	150	-	1250	120
CUP 90 D	9.0	9 - 14	410	580	300	23	Wall	100	100	-	1250	120

Control Unit for CUP D heater : OT 2 PS-1 (1-phase) or OT 2 PLE (3-phase).

Helo Fonda Sauna Heater



The Fonda traditional series is a smart option for fans of Finnish sauna thanks to its large 20 kg rock compartment and powerful output. Fonda delivers wave after wave of sharp and intense heat to every corner of the room. Choose from two convenient, equally attractive models: Fonda DET with programming and control from either the T1 touchpad or the EC50 control panel, or Fonda STJ with integrated control panel. Fonda is normally wall mounted, but can also be installed to the floor with an optional set of legs for mounting.

Code	Power	Sauna size	Dimensions (mm)			Stones	Mounting	Safety distances (mm)				
	kW	m³	W	H	D	kg		Side	Front	Behind	Ceiling	Floor
FONDA DET 6.6	6.6	5 - 9	448	665	364	20	Wall/Floor	50	50	-	1135	100
FONDA DET 8.0	8.0	8 - 12	448	665	364	20	Wall/Floor	50	50	-	1135	100

Control Unit for FONDA DET heater : Elite or Pure Control with relay box



Helo Junior Sauna Heater

The Junior is a modern, slimline sauna heater for small saunas. The digital control panel is installed outside the sauna room and is easy to use. Junior´s rock compartment takes 10 kg rocks, which ensures a good sauna bath. Colour is chrome. Junior is delivered with its own Digi RA 9 control unit. Digi RA 9 has 0 – 6 hours heating time, factory setting is 2 hours. Temperature can be adjusted between 50 – 123 °C, factory setting is 80 °C. Flush mounting, outside the sauna room.

Code	Power	Sauna size	Dimensions			Stones	Mounting	Safety distances (mm)				
	kW	m³	W	H	D	kg		Side	Front	Behind	Ceiling	Floor
JUNIOR	3.0	2 - 4	290	630	200	10	Wall	50	120	-	1200	120

Built-in control

TyloHelo
Sauna Accessories

TyloHelo Sauna Accessories



Heater guard

Wall mounted heater guard

6.6-8 kW. Code: 9000 1002

10.7-20 kW. Code: 9000 1012

Ventilation Hatch B

Fits over the air outlet inside the sauna to regulate air flow.
Size: 14 x 37.5 cm.
Code: 9018 1036



Ventilation Grille B

Size: 14x22 cm.
Code: 9018 1040



Sauna Oil 1L

For treating benches and other wood surfaces in the sauna. Covers approx. 6m². Code: 9002 2050

Fixed Headrest

Headrest made of narrow wooden slats.
Size: 37.5x27x8cm.
Alder: code 9008 1016
Aspen: code 9008 1014



Adjustable Sauna Headrest

Height adjustable.
Size: 42.5x37.5x7cm.
Alder: code 9008 1012
Aspen: code 9008 1010





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: 9103 1575



Threshold

Suitable for DGB and DGL doors with door widths 7 and 8. Size: 30 x 92 mm.

DGL/DGB width 7 Spruce. Code 9103 1560

DGL width 7 Aspen. Code 9103 1561

Broad DGB width 8 Spruce. Code 9103 1565

DGL width 8 Aspen. Code 9103 1566

Legs for Sense

Legs for all Sense sauna heaters. Color black.
Sense 6/8/10. Code: 9000 1060
Sense Combi 6/8/10. Code: 9000 1061



Steam distributor commercial

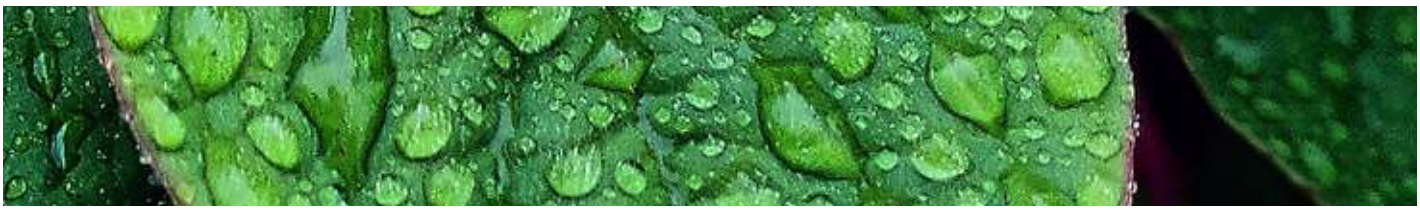
The Tylo Steam Distributor Commercial improves the distribution of steam in your sauna room. Specially designed for the sauna heater Sense Commercial 10-20kW.

Code: 9002 9263



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.

Eukalyptus: Code: 9002 4080

Peppermint: Code: 9002 4084

Lavender: Code: 9002 4082

Citrus: Code: 9002 4086

Fragrance Collection, 4-PACK 10 ml/bottle. Code: 9002 4100



Essential Oils

Concentrate of natural fragrances specially produced for our Tylö Fresh fragrance dispenser for saunas and steam baths. 250 ml/bottle.

Eukalyptus: Code: 9002 4040

Peppermint: Code: 9002 4044

Lavender: Code: 9002 4042

Citrus: Code: 9002 4046



Concentrated Fragrances

For earlier models of Tylö Sauna Fresh and Stream Fresh. 250 ml/bottle.

Eukaliptus: code 9002 4060

Peppermint: code 9002 4064

Lavender: 9002 4062

Citrus: 9002 4066



Tylo Sauna Stones

Natural stones of black diabase that tolerate rapid heating and cooling.

Tylö Sauna stones 20 Kg small size for wall heaters. Code: 9014 1000

Tylö Sauna stones 20 kg big size for floor heaters. Code: 9014 1050

TyloHelo
Sauna Accessories

Dark Accessories

Hygrometer Code: 9015 2778

Bucket Code: 9015 2772

Ladle Code: 9015 2774



Premium Pro

These are products to chose if you have a professional sauna or just want really high quality products that lasts.

Pro Accessories

Stainless Steel Accessories

Bucket pro Code: 9004 1060

Hygrometer/Thermometer pro Code: 9004 1062



Shower Barrel

10-litre shower barrel with automatic water refill for a refreshing cool-down after your sauna.

Height with chain: 630 mm.

Code: 9002 9050



Classic

Light wood.

Classic Accessories

Wooden Sauna Accessories

Bucket Code: 9004 1022

Ladle Code: 9012 1022

Hygrometer/Thermometer Code: 9015 2813

Thermometer Code: 9015 2823



TyloHelo
Sauna Accessories

Doors for Sauna Rooms

All sauna doors offered by Helo are produced following all safety regulations and customers expectations. Thermo treated glass is been 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. The glass is 8mm toughened safety glass.

	Code	Description	Dimension
			mm
	0038935	**Sauna Glass Door W / Alder Frame 80 x 190** Bronzed glass door, width of opening 760 mm, no threshold.	800 X 1900
	0038937	**Sauna Glass Door W / Alder Frame 90 x 190** Bronzed / Clear glass door, width of opening 860 mm, no threshold.	900 X 1900
	0038935-1	**Sauna Glass Door W / Pine Frame 90 x 190** Bronzed / Clear glass door, width of opening 860 mm, no threshold.	900 X 1900

Sauna Flooring

	Code	Description
 	90152922	**Sauna Floor in PVC Beige colour width 60 cm x requested measure, mostly cut in 15 M length.**
	90152925	**Sauna Floor in handcrafted wood treated for daily washing and maintenance. Order by m².**



TyloHelo
Sauna Accessories



Loudspeakers

Steam and heat-resistant design.

Speaker B For surface mounting.
Size 230 x 145 mm, depth 165 mm. Code: 9080 3002

Supplied in pairs.



Transformer LED 0-20W

200-240 V ~/12VDC. 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: 9090 1030



Transformer LED 6-18W

LED TRANSFORMER 230V~/ 18-52 VDC. Max. load 18 W. Dimmable. NB: The transformer must always be installed outside the sauna. Suitable for Tylö LED downlights. IP class 21. Code: 9090 1024



RGB Lighting

Ready-made package containing LED strip RGB 2 x 1.91 m, transformer and remote control. Code: 9001 1360

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: 9090 8048





Door Contact

Prevents unintentional start-up of the sauna by remote control if the sauna door is open. Code: 9090 8035





LED Downlights

Downlight with Halogen LED adapter. Code: 9001 1098





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: 9001 1072

Ruben Sky 30 Number: 30. 17.4 W output. Code: 9001 1074

Ruben Sky 40 Number: 40. 23.2 W output. Code: 9001 1076

Ruben Sky 60 Number: 60. 34.8 W output. Code: 9001 1078

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: 9001 1440
LED Length 2 x 500 mm. 4,8 Watt. Code: 9001 1442
LED Length 3 x 500 mm. 7,2 Watt. Code: 9001 1444
LED Length 4 x 500 mm. 9,6 Watt. Code: 9001 1446
LED Length 5 x 500 mm. 12 Watt. Code: 9001 1448



Sauna Lamp 40W

For wall mounting. White lamp holder E14. IP 55. Max 40 W. Diameter 90 mm, height 170 mm. Code: 9001 1000



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: 9001 1350

LED 50CM 12V/DC 0.25w
Code: 9001 1352

LED 90CM 12V/DC 0.50w
Code: 9001 1354

LED 190CM 12V/DC 1.20w
Code: 9001 1356

LED made-to-measure 12V/DC 1 w/m. Price on request



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: 9001 1192

Lighting tube 90 Length 90 cm. 27 W output.
Code: 9001 1194

Lighting tube 190 Length 190 cm. 57 W output.
Code: 9001 1196





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%
- Cable working temp -20-+85°C
- LED diode working temp -20-+90°C
- Humidity 0-95%RH
- Input voltage AC/DC12V
- Life time: 50,000h
- Scattering angle of 35 degrees





Emergency Push Button

The emergency button allows to switch off the sauna heater via the overheating safety circuit. Isolation voltage AC/DC: 250 V Max current AC: 5 A Max current DC: 2,5 A. Code: 945777E



Opus 100 H175

Sauna lamp for wall. G9, 40W, Sauna luminaire. Mounted on ceiling. Grey base, E27, 40W. 230V IP 57. Clear glass, Ø 100mm, height 175mm. Code: 9001 1093



LED Downlight

For ceiling installation. Warm white glow (3200-3500 K), 1.2 W output. Height 30 mm, ø 60 mm. Supplied in pairs including transformer to handle up to 7 downlights. IP class 68.

2 including transformer
Code: 9001 1089

1 excluding transformer Code: 9001 1088

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.

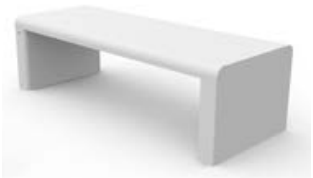


Steamroom seating



Stool Corian 66
Ergonomic and easily portable stool.
Size: 660 x 310 x 450 mm (LxDxH).
Item no. 9607 5060

Stool Corian 35
Size: 350 x 320 x 420 mm (LxDxH).
Item no. 9607 5065



CORIAN BENCH
Hard-wearing and hygienic bench for larger steam rooms.

BENCH 1545
Size: 1545 x 600 x 450 mm (LxDxH).
Item no. 9607 5050

BENCH 1945
Size: 1945 x 600 x 450 mm (LxDxH).
Item no. 9607 5052

BENCH 2345
Size: 2345 x 600 x 450 mm (LxDxH).
Item no. 9607 5054



EXCELLENT BENCH
A more standard alternative in aluminium.

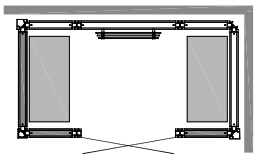
BENCH 1545
Size: 1545 x 610 x 460 mm (LxDxH).
Item no. 9607 5044

BENCH 1945
Size: 1945 x 610 x 460 mm (LxDxH).
Item no. 9607 5046

BENCH 2345
Size: 2345 x 610 x 460 mm (LxDxH).
Item no. 9607 5048

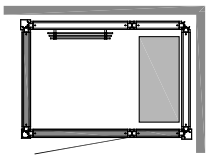


TyloHelo Panacea
Steam Bath

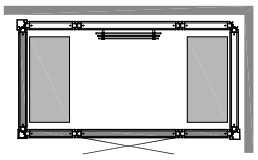


PANACEA 1709
Size: 1725 x 925 x 2090 mm
Code: **9607 5026**

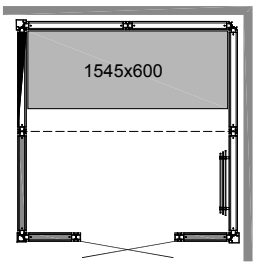




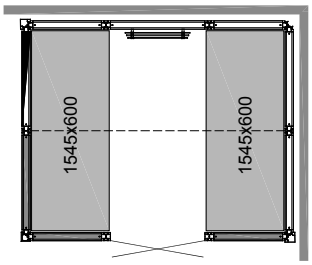
PANACEA 1309 T
Size: 1325 x 925 x 2090 mm
Code: **9607 5020**



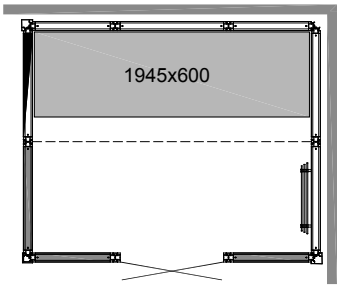
PANACEA 1709 T
Size: 1725 x 925 x 2090 mm
Code: **9607 5022**



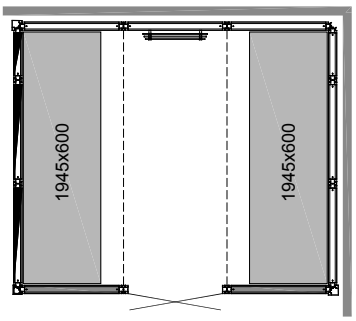
PANACEA 1717 1B
Size: 1725 x 1725 x 2090 mm
Code: **9607 5070**



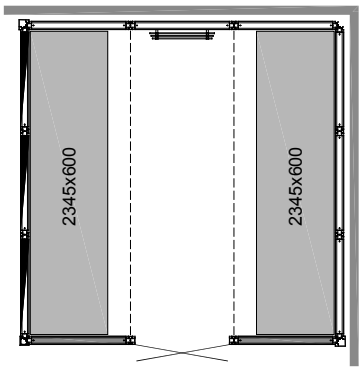
PANACEA 2117 2B
Size: 2125 x 1725 x 2090 mm
Code: **9607 5076**



PANACEA 2117 1B
Size: 2125 x 1725 x 2090 mm
Code: **9607 5074**



PANACEA 2521 2B
Size: 2525 x 2125 x 2090 mm
Code: **9607 5080**



PANACEA 2525 2B
Size: 2525 x 2525 x 2090 mm
Code: **9607 5084**

Note: 1717, **2117** and **2525** can be delivered with a handicap-friendly door (930 mm opening).

1309, **1709** is available with steam column or steam outlet and also with floor tray as option.

TyloHelo Elysée
Steam Bath

Steam Room Elysée

TylöHelo Elysée is the perfect complement to public bathing facilities in hotels, spas and corporate hospitality suites. Or why not a luxurious addition to your home? The organic shapes of the Elysée steam room interiors will certainly help you relax in the best possible way.



Elysée Steam Bath



Seamless Steam Bath Experience

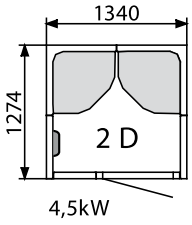
Elysée is made of high-tech, vacuum formed, special-grade white plastic for a sturdy, steamtight construction. Supplied in ready-to-assemble wall and ceiling sections with integral seating and a recessed downlight above each seat.

The door is made of tinted, tempered safety glass with a sturdy white lacquered frame and aluminium handles.

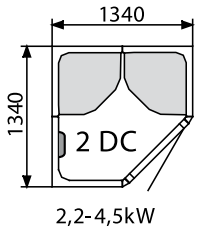
Transformer for lighting, air outlet vent and all assembly hardware included. Glass wall sections and service walls are available in widths 398, 588 and 778 mm.



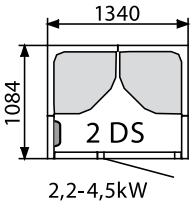
TyloHelo Elysée
Steam Bath



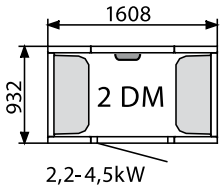
ELYSÉE 2D*
Code: **9609 1000**



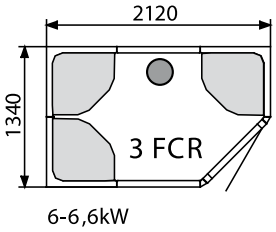
ELYSÉE 2DC*
Code: **9609 1002**



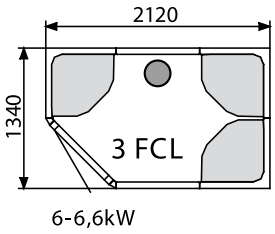
ELYSÉE 2DS*
Code: **9609 1010**



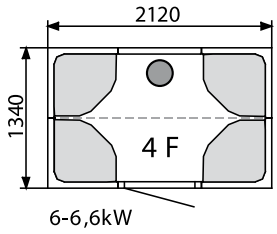
ELYSÉE 2DM*
Code: **9609 1012**



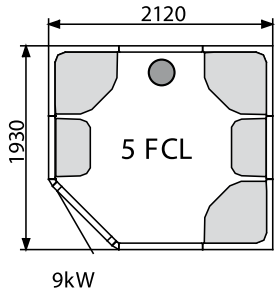
ELYSÉE 3FCR*
Code: **9609 1140**



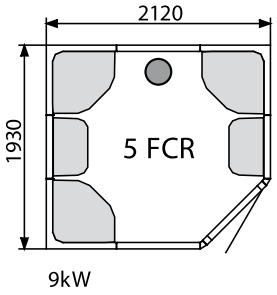
ELYSÉE 3FCL*
Code: **9609 1144**



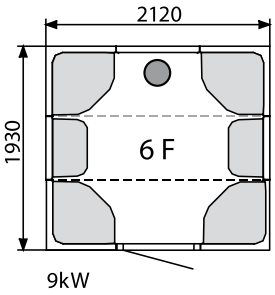
ELYSÉE 4F**
Code: **9609 1028**



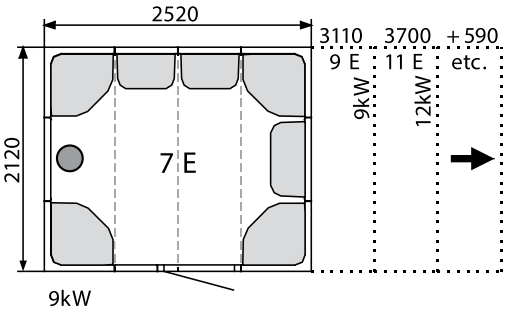
ELYSÉE 5FCL*
Code: **9609 1152**



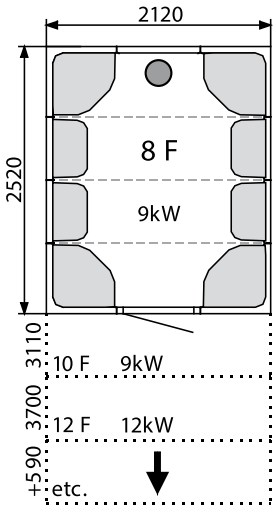
ELYSÉE 5FCR*
Code: **9609 1148**



ELYSÉE 6F**
Code: **9609 1032**



ELYSÉE 7E**
Code: **9609 1050**



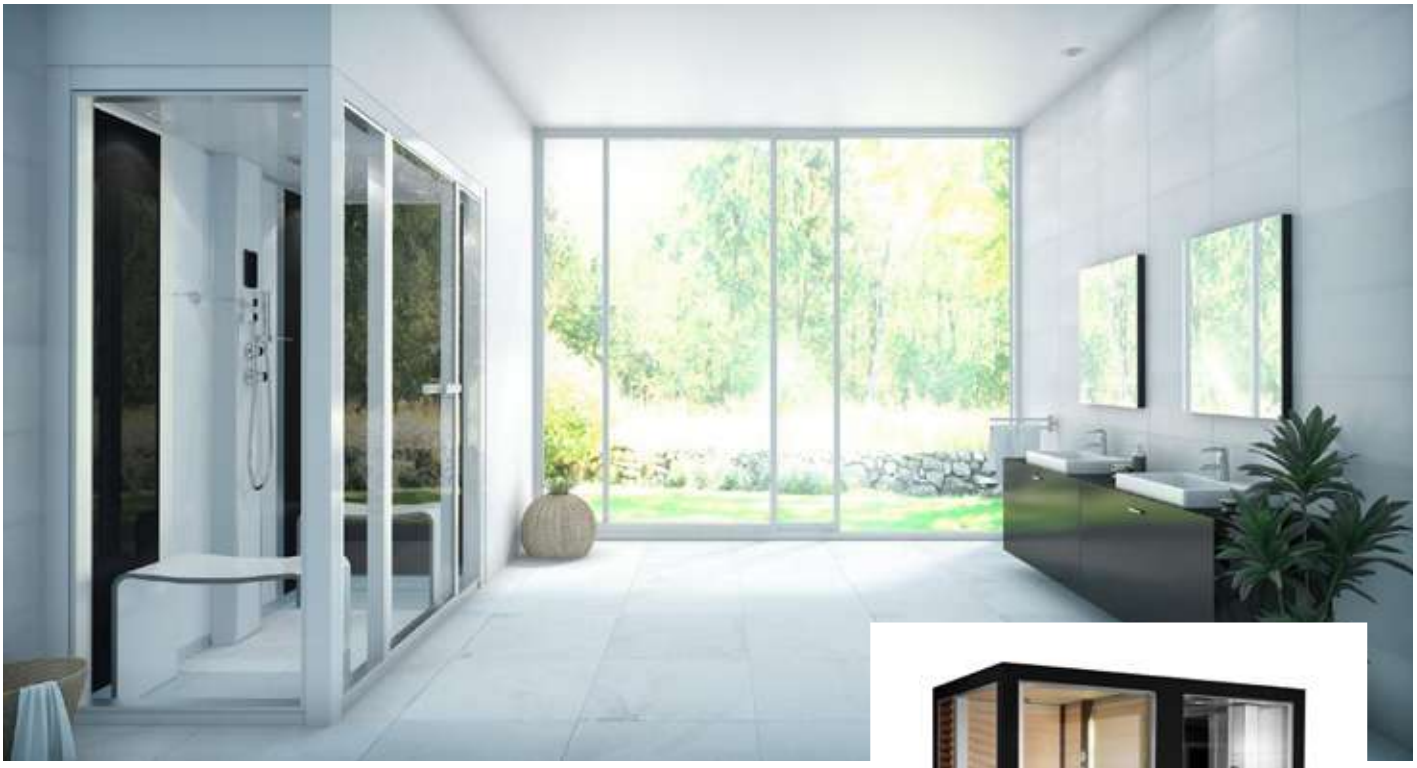
ELYSÉE 8F**
Code: **9609 1036**

Elysée can also be reversed. Add a suitable steam generator and control panel. Outer wall coverings are not included. The dashed lines show the roof extension. The room can be extended further in the direction of the arrow.

*Exterior height 2170mm. These steam rooms have a one-piece dome.

**Exterior height 2070mm.

TyloHelo Impression Twin
Steam Bath





Steam Room Impression Twin

Combined sauna and steam shower offering unique relaxation options. The design and materials exude a palpable feeling of luxury. The perfect way to relax after a workout session is to combine a sauna and steam shower. Impression Twin really gives you the best of both worlds. Walls, glass sections and doors can be assembled in a variety of ways to suit your bathroom layout. All interior fittings – except for the sauna heater – can be placed where you wish.



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 toppages.



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 6 9	- 3-8 6-16	max. 3 4-15 13-24	- 2-5 4-10	max. 2 2.5-8 7-16	3.5 8 12	480 x 350 x 159	Elite or Pure
Steam Commercial	66210010 66210015 66210020	9 12 15	6-16 14-22 18-25	13-24 22-30 28-38	4-10 8-15 10-19	7-16 14-20 18-25	12 16 20	585 x 415 x 230	Elite or Pure
2x9 2x12 2x15 Steam Commercial	66210010X2 66210015X2 6210020x2	18 24 30	20-30 28-40 36-50	28-40 38-50 56-76	13-20 18-30 32-42	18-30 28-40 42-57	24 32 40		Elite or Pure
3x9 3x12 3x15 Steam Commercial	66210010X3 66210015X3 66210020x3	27 36 45	38-45 43-60 54-75	46-60 58-70 84-114	28-40 38-50 47-63	38-52 48-60 60-75	36 48 60		Elite or Pure

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 down time 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 highlimit 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 highlimit switch
- **Available Add-on:**
  Automatic flush
  New drain valve

Steam Generators: Helo Steam & Steam Pro

Model	Code	Power	Steam production	Size (WxHxD)	Min/max volume steam room				Available color	Suitable control panel	Installation
					Thin wall of glass or plastic		Heavy wall of tile, concrete or stone				
					with ventilation	without ventilation	with ventilation	without ventilation			
		kW	kg/h	mm	m³						
Helo Steam 34	002100	3.4	5	636 x 380 x 164	2-6	2-7	2-4	2-5	Black	Elite or Pure	Behind wall
Helo Steam 47	002101	4.7	6	636 x 380 x 164	3-7	3-8	2-5	2-6			
Helo Steam 60	002102	6	8	636 x 380 x 164	4-9	4-13	3-6	3-7			
Helo Steam 77	002103	7.7	10	636 x 380 x 164	6-11	6-15	4-8	5-9			
Helo Steam Pro 95	002104	9.5	13	636 x 380 x 164	9-13	9-17	6-9	7-11			
Helo Steam Pro 120	002105	12	16	636 x 380 x 164	11-18	12-24	8-12	9-16			
Helo Steam Pro 140	002106	14	19	636 x 380 x 164	14-22	18-30	10-14	11-17			
Helo Steam Pro 160	002107	16	21	636 x 380 x 164	17-25	23-35	12-16	12-18			

TyloHelo
Steam Accessories

TyloHelo Steam Accessories

Water softener Premier Compact

Code: 9090 8027



Water softening salt (3-packs)

Code: 9090 3005

Fragrance Pump

Available as an option for your steam generator and connects simply to the outlet pipe. Add any 5-litre concentrated fragrance. Code: 0038130

Concentrated fragrance

Suitable for professional use.

Eukaliptus: code 9002 4000

Peppermint: code 9002 4004

Lavender: 9002 4002

Citrus: 9002 4006





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: 9002 9252

Bahia Home: tempered safety glass and high-gloss plastic. Size: B:280mm / H: 180mm. Code: 9002 9254



Sound system for steam room

Enhance your experience with a specially-designed sound system.

Code 9080 2010



Steam outlet grace

Steam head with integral dispenser for Tylo fragrances. Connect to the steam generator's steam pipe. Code: 9002 9250



Steam Nozzle

Positioned within the cabin to provide the most effective distribution of steam. Code: 7819604



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.

TyloHelo
Steam Accessories

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.



Steam Door

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.

Steam Door: tinted glass

9 x 19 right Code: 9091 2250

9 x 20 right Code: 9091 2254

9 x 21 right Code: 9091 2258

10 x 19 right Code: 9091 2262

10 x 20 right Code: 9091 2266

10 x 21 right Code: 9091 2270

9 x 19 left Code: 9091 2274

9 x 20 left Code: 9091 2278

9 x 21 left Code: 9091 2282

10 x 19 left Code: 9091 2286

10 x 20 left Code: 9091 2290

10 x 21 left Code: 9091 2294

Steam Door: clear glass

9 x 19 right Code: 9091 2252

9 x 20 right Code: 9091 2256

9 x 21 right Code: 9091 2260

10 x 19 right Code: 9091 2264

10 x 20 right Code: 9091 2268

10 x 21 right Code: 9091 2272

9 x 19 left Code: 9091 2276

9 x 20 left Code: 9091 2280

9 x 21 left Code: 9091 2284

10 x 19 left Code: 9091 2288

10 x 20 left Code: 9091 2292

10 x 21 left Code: 9091 2296



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, 500mA, European plug
- 4pcs/set in a white box
- Cover color: Silver
- Lighting color: warm 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/DC12V
- Life time: 50,000h
- Scattering angle of 35 degrees

	Code	Description
	3815005	**Steam Room LED Light** 4pcs in a set with power adaptor 12V, 500mA



Steam Room Lighting

Helo Steam Room Lights rated IP67.

	Code	Description
	3815002	**Steam Room Light** Light round, matt glass globe, ceramic socket. Dimension 200 X 210 X 120 mm.

Steam Room
Wall / Dome Construct

Wall-Dome Construct

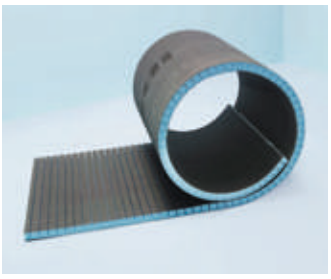
Atecpool building boards have a blue core made from CFC-free extruded polystyrene rigid foam.

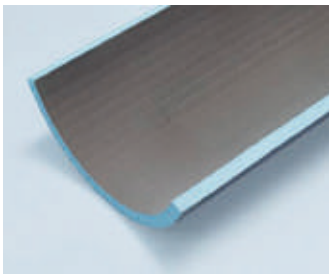
This makes the Atecpool building board an ideal basis for any type of plaster and tile. Atecpool building boards can be applied to practically any substrate, waterproof, insulating, versatile, light and robust.

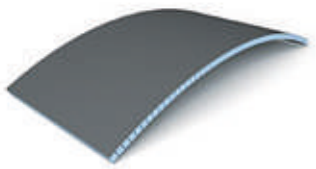
Atecpool Construct building board, offers many possibilities when it comes to designing customised forms. Whether you are looking for small radii or semicircular solutions, thanks to the pre-cut profiles the Construct building board gives you the freedom to be creative.

- 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

Building board construct, lengthwise, calculation of diameter

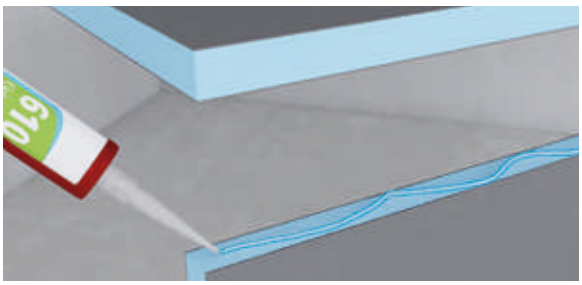
Thickness	External diameter
mm	mm
30	538

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.



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

- 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

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 Steam Commercial
						Sense Combi Pure - included	No	
						Expression	Yes, relay box Commercial Lite	Helo Steam 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 Helo Steam Helo Steam Pro
						Sense Commercial 6-10 kW	Yes, relay box Commercial Lite	
						Sense Commercial 16-20 kW	Yes, relay box Commercial Lite	
	**H2**	96000544	80x140x19	H2 is equipped with touch-control and shows temperature and time in operating mode. Can be set for start within a 24-hour period and has a running time between 0-23 hours. Also equipped with a switch for lighting, 12h/24 format and multiple languages. With the H2 control panel, you can even preset the start program for one week in advance complete with repetitions, do troubleshooting and control the atmospheric humidity in the sauna room. Compatible with Tylö's older heater Sense Combi	Sauna	Expression Combi - included	Yes, relay box RB45 - included	No
	**OT 2 PLE**	OT2PLE	250x220x80	Control Unit, 400V, 3 phase, white.	Sauna	Helo Cup	No	No
	**OK 33 PS 3 / OT 22 PS 3**	OK33	240x200x102	Control Unit, 400V, 3 phase, white. Require separate contactor box WE 1 for control OT 22 PS 3.	Sauna	OK 33 PS 3: Helo SKLE / Helo Laava OT 22 PS 3: Helo SKLA / Helo Magma	No	No

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 stimulating 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 that 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.

Infra Panel

Black 980 x 360 mm, 150w, 230V. Code: 90011295

Grey 980 x 360 mm, 150w, 230V. Code: 90011295G

Black 980 x 680 mm, 300w, 230V. Code: 90011298

Grey 980 x 680 mm, 300w, 230V. Code: 90011298G



Infra Wi-Fi IR2 Control Panel

- 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
4 Seasons shower

Atecpool Experience Shower

The four seasons bi-thermal shower model, provides a gentle and abundant shower of water, produced by a 40 cm diameter shower head that has multiple micro-nozzles. Given the size of the surface area, this shower head generates a delightful and plentiful rainfall on the body, combined, in addition, with cold and warm water misting nozzles that provide a thermal contrast that relaxes and tones muscles.



Specifications

- Round chrome shower head, 40 cm in diameter with white LED perimeter lighting.
- 4 large misting nozzles.
- 4 fine misting nozzles.
- 2 RGB LED light fittings.
- Music therapy stereo system with two 5w speakers and perimeter RGB LED lighting.
- The shower is operated using four push buttons, one for each season.

Required Facilities

- Hot water supply, 15 ltr/minute continuously
- Cold water supply, 35 ltr/minute continuously at 3 bar of pressure.
- Power supply line protected by a differential and thermal breaker for 500W
- Syphon drain with an absorption capacity of 35 ltr/minute.

Musictherapy



Code	Description
ATD21124	Atecpool Experience 4 Seasons Shower Chrome High Flow Showerhead Ø 400 mm Combined w/ 8 Water Jets on a Solid Surface Frame Ø 720 mm with a Matt Aluminium Finish

The shower includes music stereo equipment comprising two 5 w speakers with perimeter RGB LED lighting controlled using an electronic board with MP3 and USB. The equipment includes a USB memory stick with four factory-installed music themes*. (* If users wish to change the music themes, the USB's file order as well as the name and total length of the music must coincide with the original.)

Chromotherapy



The shower includes four LED lamps (red, green and blue). The colours are automatically assigned by the manufacturer and vary according to the programme selected. The shower has white LED lighting when this option is not activated. As soon as it is switched on the lighting will begin according to the selected programme.

Nebulizer Sprinkler



The shower has 9 sprayheads: a main shower head, four fine mist nozzles and four large mist nozzles.

Ice Fountain
Therapeutic thermal contrast

Atecpool Ice Fountain

The ice fountain's therapeutic goal, like the frigidarium, is providing the maximum thermal contrast in the thermal spa cycles. It is very advisable for the general body stimulation, mainly for its vasoconstrictor effect that gives flexibility to the circulatory system. Unlike the frigidarium, its use is much more traditional since it consists in applying frosted ice on the surface of the body in whichever way you desire. This therapeutic complement offers our customers the possibility to obtain exactly the same sensations that people obtain with a sauna session in the Baltic areas, where the sauna is always combined with a snow or ice massage to obtain the maximum effect of the thermal spa session.



Ice drop tube



Variety of containers



For frigidariums or independent



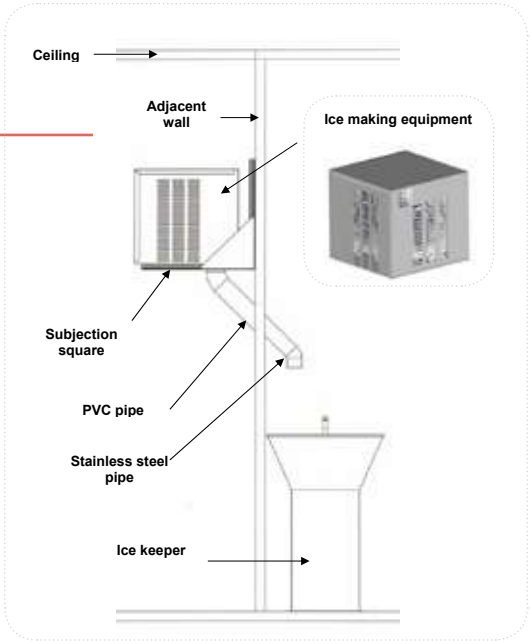
Ice Keeper



Ice Machine / Modular Electronic Ice Equipment



Example of installation in an adjacent room



Vichy Shower
Thermotherapy shower

Vichy Shower

The Vichy Shower is a thermotherapy equipment consisting of a longitudinal structure with in-line sprinklers and a programmable circuit whose main function is to improve the effectiveness of massage and facilitate body hygiene during physiotherapist treatments with mud and algae. The massage is given lying on a stretcher under microderrums of bithermal alternating water thanks to 5 sprinkler units with orientation ball and anti-clogging system. The Vichy bithermal shower is fully automatic and works by touch screen with microprocessed electronic programmer.





Specifications

- Articulated stainless steel arm anchored to a support fixed to the wall where the shower is located. The arm include 5 sprinklers are placed with independent taps to use sprinklers that are of interest depending on the massage is performed. Sprinklers have three positions, Rain, massage, or nebulizer.
- Table bed, cushion, rubber and elastic mattress. This table measures 70cm. wide and is usually placed in a cabin that makes at least about 65 cm on each side of the table.
- Beneath the bed take a drain with a slope of 2% connected to a tube able to withstand 50 L / min. In the room also is needed a safety drain.
- Digital display panel with built-in to change the various programs of showers.
- Hydraulic safety valves box for the water run and cut, prefilters, mixing valve to regulate the temperature of water.
- Optional element. Optional special therapeutic kit, injection of aroma, for the different massages.



Code	Description
ATV20226	Atecpool Articulated Arm Bithermal Vichy shower w/ Sprinklers in SS, 5 valves, 5 sprinklers w/ Three types of Shower: Rain, Massage and Mist.
ATV20227	Atecpool Fixed Arm Bithermal Vichy shower w/ Sprinklers in SS, 5 valves, 5 sprinklers w/ Three types of Shower: Rain, Massage and Mist.

Wellness
Portable Spas

Above Ground Spas with cabinet - Comparison

Code	Spa Corsica	Spa Bonaire	Spa Bora Bora	Spa Lanzarote	Spa Ibiza	Spa Mallorca
						
General Information						
Size (mm)	2900×2300×980	2300x2300x980	2400x2400x980	2400×2400×930	2180×1900×995	3400×2280×1360/1500
Water capacity (gal)	380	286	352	396	220	1100
Colour	White	White	White	White	White	White
Capacity (persons)	8	5	6	7	3	3
Power supply	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50HZ
Shell	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
			-			
Composition						
Hot Tub	1	1	1	1	1	1
Head rest	4 (pop-up)	3 (pop-up)	5	4	3	2
Steel frame	1	1	1	1	1	1
Water Flow Equipment	1	1	-	-	-	-
Waterfall	-	-	1	1	-	-
LED Air Jets	12	12	-	-	12	-
Air Jets	-	-	12	12	-	-
Water jets	77	87	87	142	46	10
Fountain jets	-	-	2	2	-	-
Swim jet	-	-	-	-	-	-
Shoulder Massage Jets	-	-	-	2	-	-
Hydro Therapy Jets	31	28	33	17	-	10
LED Lights	-	-	1	1	-	1
Fiber Optic Lights	43	34	33	36	29	35
Fountain valves	-	-	1	1	-	-
Water Flow Valves	1	1	-	-	-	-
Waterfall Valves	-	-	1	1	-	-
Shoulder Massage Valves	-	-	-	1	-	-
Drain vlaves	1	1	1	1	-	1
Intake valves	5	3	4	5	3	2
Diverter valves	2	1	2	2	1	-
Air Control valves	5	3	5	5	3	2
Wooden cabinet	●	●	●	●	●	-
Insulation	●	●	●	●	●	●
Heavy Duty Spa Cover	●	●	●	●	●	●
Wooden Step	●	●	●	●	●	-
Aromatherapy	●	●	●	●	●	-
View Pump	-	-	-	-	-	-
Hydro Massage Pump	2 x 3.0 HP / 1 x 2.0 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	1 x 3.0 HP
Circulation Pump	1 x 1.0 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	-	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	2
Pressure Filter	1	1	-	-	1	-
Skimmers	-	-	2	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)	● (Inward)	Included (32", Inward)	● (Inward, Outward, Pole)	● (Pole)	● (Inward, Outward, Pole)
Topside Music	●	●	Included (4 nos)	●	●	●
DVD	●	●	Included	●	●	●
Tub Tray	●	●	Included	●	●	●
Winter Cover	●	●	●	●	●	●
PVC Cabinet	●	●	●	●	-	●

Wellness
Portable Spas

Above Ground Spas with cabinet - Comparison						
Code	**Spa Escada**	**Spa Cleopatra**	**Spa Elegance**	**Spa Nereid**	**Spa Fairy**	**Spa Grace**
						
General Information						
Size (mm)	2150x1900x800	2300x2300x930	2300×2300×930	2800×2300×930	2150×1900×630	Ø2280×930
Seating capacity	6 adults	5 adults + 2 children	6 adults + 1 baby	8 adults + 3 children	5 adults	7 adults
Water volume (liters)	1432	2380	2380	2785	1122	1760
Gross weight (kg)	320	455	435	611	180	365
Net weight (kg)	300	435	415	585	155	345
Water massage jets (total)	78	78	76	106	45	77
Air jets	12*	10*	12*	10*	8*	12*
Safe suction	3 pcs	3 pcs	3 pcs	3 pcs	2 pcs	3 pcs
Skimmer	1 set	1 set	1 set	1 set	1 set	1 set
Water massage pump	2x2 Hp	2 x 2 Hp	2 x 2 Hp	2 x 3 Hp	1 x 3 Hp / 1 x 1 Hp	2 x 2 Hp
Circulation pump	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp
Blower system	yes*	yes*	yes*	yes*	yes*	yes*
Heater system	2870W	2870W	2870W	2870W	2870W	2870W
Ozone system	450ml/h	450ml/h	450ml/h	450ml/h	450ml/h	450ml/h
Freeze protection	yes	yes	yes	yes	yes	yes
Flow protection	yes	yes	yes	yes	yes	yes
Perfect-core Therapy Control Center	yes	yes	yes	yes	yes	yes
Weatherable Polymer Cabinet	1 set	1 set	1 set	1 set	1 set	1 set
LED cup seat	3 pcs*	8 pcs*	-	3 pcs*	-	-
Bottom panel	yes*	yes*	yes*	yes*	yes*	yes
Insulation foam	A coat PU foam	A coat PU foam	A coat PU foam	A coat PU foam	A coat PU foam	A coat PU foam
Multi-color LED under water light	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc
Multi-color LED light in the skit	4 panel*	1 pc	1 pc	-	4 panel*	1 pc
Waterfall luminescence multi-color LED light system	•	•	•	•	-	•*
Luminescence multi-color LED lighting system	•*	•	•	•*	•*	•*

Note: Items with "*" are optionals, need to order separate



Wellness
Portable Spas

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





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 Mallorca - Recovery Spa

Specifications

Recovery Spas for HydroTherapy. Choose your medical spa programme with SPA Mallorca.

Size: 3400 X 2280 X 1360/1500mm

Capacity (seats: 3

Power consumption: 220 ~ 240V / 50 ~ 60Hz

Water Jets= 10

Pop-up Head rest: 2

Balboa Control System

Heavy duty Spa Cover

Acrylic Shell

Lifting Gear (as optional)





Wellness
Portable Spas

Spa Escada

Specifications

Size: 2150 X 1900 X 800mm
Capacity (seats): 6 adults
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 78 + 12*
Multi color LED light in the cabinet
Perfect core-therapy control center
Mutlicolor LED Waterfall
Heavy Duty SPA Cover





Spa Cleopatra

Specifications

Size: 2300 X 2300 X 930mm
Capacity (seats): 5 adults + 2 children
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 78 + 10*
Multi color LED light in the cabinet
Perfect core-therapy control center
Mutlicolor LED Waterfall
Heavy Duty SPA Cover





* Air Jets as optional

Wellness
Portable Spas

Spa Elegance

Specifications

Size: 2300 X 2300 X 930mm

Capacity (seats): 6 adults + 1 baby

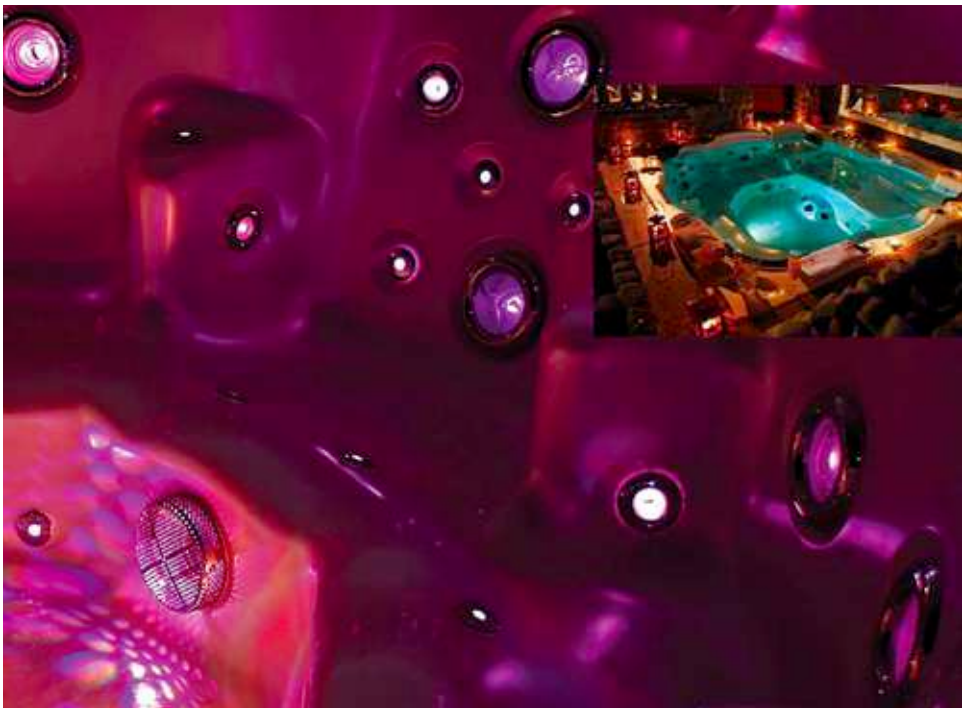
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz

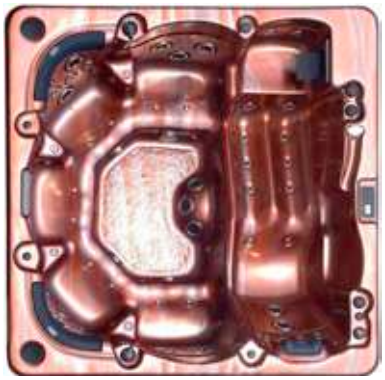
Water Jets + Air Jets = 76 + 12*

Perfect core-therapy control center

Mutlicolor LED Waterfall

Heavy Duty SPA Cover





Spa Nereid

Specifications

Size: 2800 X 2300 X 930mm

Capacity (seats): 8 adults + 3 children

Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 106 + 10*

Perfect core-therapy control center

Mutlicolor LED Waterfall

Heavy Duty SPA Cover





* Air Jets as optional

Wellness
Portable Spas

Spa Fairy

Specifications

Size: 2150 X 1900 X 630mm
Capacity (seats): 5 adults
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 45 + 8*
Perfect core-therapy control center
Panel with marble stone corners
Mutlicolor LED Waterfall





Spa Grace

Specifications

Size: Ø2280 X 930mm
Capacity (seats): 7 adults
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 77 + 12*
Perfect core-therapy control center
Mutlicolor LED Underwater Light
Heavy Duty SPA Cover





* Air Jets as optional

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 & Accessories

Spa Accessories Design

Atecpool Royal Collection is the true expresion 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
Portable Spas

Portable Spas - Comparison				
Code	**SPA Sumatra**	**SPA Rose**	**SPA Jawa**	**SPA Mandura**
				
General Information	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment	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	-	●	-	-

Wellness
Portable 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
Portable 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

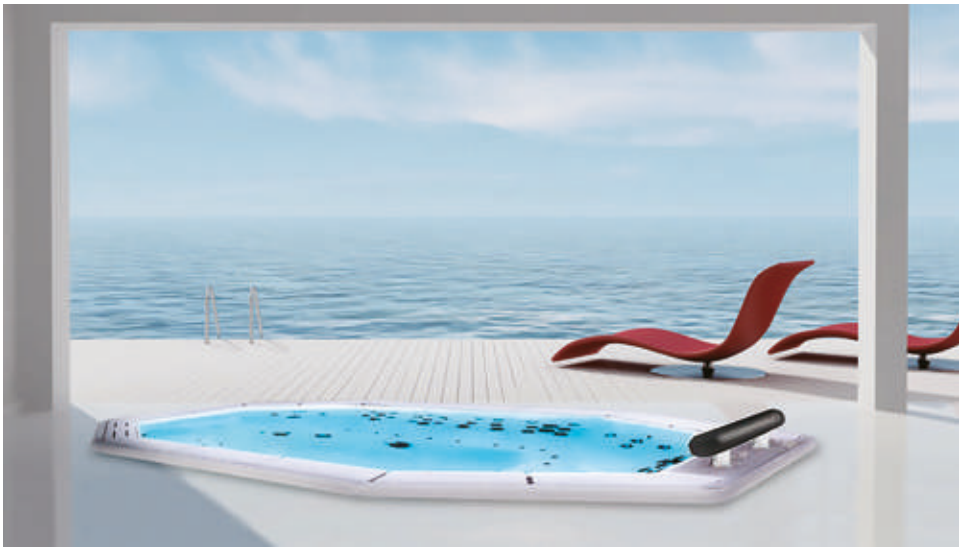
Capacity (seats): 14

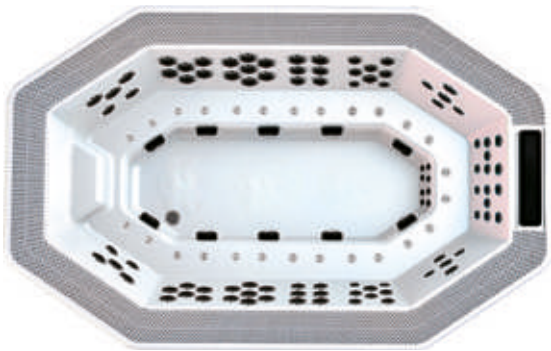
Power Supply:
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 88 + 28

Water capacity: 486 gal

Plumbed Shell with jets and MEP equipment





Wellness
Filtration Kit for In-Ground Spas

Massage System, Filtration and Dosing of Chemicals

All the models in the In-Ground version possess the overflow gutter according to the European norms. The set up of parameters used in the filtration system is consistent with the DIN 19643 standard. The water filtration system includes: an integral overflow gutter, equalization tank, circulation pump, sand filter, water heating and the disinfection system. In the In-Ground version, all hydromassage and filtration appliances, except for the filter, are installed on the palette 100 x 150cm, placed together with the equalizing tank and the filter in a separate room. In the hydromassage system two massage pumps 1,1 kW have been used; the air massage system includes high capacity, radial air blower 1,3 kW. The heating system is based on the heat exchanger and the disinfection system is the automatic system with its own dosing pumps and the electronic measure of pH and content of chlorine.



Filtration System for In-Ground Spas mounted on a palette



Chemical Dosing for In-Ground Spas

Requirements for a technical room assigned for equipment installation:

1. Distance of the room from the bathroom.
2. Level of the technical room.
3. Dimensions of the machine room.
4. Other utilities of the machine room.

It is recommended to install the accompanying equipment in a separate room, in the way assuring the easy access in order to make the conservation maintenance service (filter, working valves etc). The distance between the machine room and the bath should not exceed 10 m. The floor of machine room has to be below the level of water in the spa (for better filtration and hydromassage). In this position the filtration pump and hydromassage pumps is flooded gravitationally.

- Spas for private use are provided with a standard pallet of dimensions of 100 x 150 cm. . Minimum dimensions of the machine room are 1.5 x 2.0 m, i.e. 3 m^2 (if the equalising tank is to be installed in the machinery room, the room area should be increased minimum by 3,5 m^2)
- The public spas require sand filter, size to be selected upon volume and usage. The size of the palette on which all the equipment together with the control box (except for sand filter) is placed, is 100 x 150 cm. The minimal dimensions of the machinery room: 3 x 2,5 m, that is 7,5 m^2 (in case of assembling the balance tank in the machine room, the room size should be increased minimum by 3,5 m^2)

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

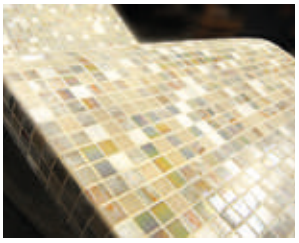
Tiled Massage beds with ATECPOOL Warming Mat. Used in Moroccan baths and Turkish Hamams for heated surface. Warming Mat applied beneath the plastering below the tiles with safety features. Completely regulated temperature control and easy installation.











Atecpool Warming Mat Specifications	
Cable Construction:	Twin conductor
Rated Voltage:	230V
Output:	150W/m² & 200W/m²
Cable Spacing:	80mm (150W/m²) & 80mm (200W/m²)
Cable Diameter:	3.6mm
Conductor Insulation:	Fluoropolymer
Outer Insulation:	PVC
Max. Ambient Temp:	85ºF (30ºC)
Min. Installation Temp:	40ºF (5ºC)
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.

Code	Heated Area	Mat Dimensions	Power (150W/m²)	Amps	Resistance
	(m²)	(mtr x mtr)	(W)	(A)	Ω
WM150-1	1.0	0.5x2	150	0.7	352.7
WM225-1	1.5	0.5*3	225	1.0	235.1
WM300-2	2.0	0.5*4	300	1.3	176.3
WM375-2	2.5	0.5*5	375	1.6	141.1
WM450-3	3.0	0.5*6	450	2.0	117.6
WM535-3	3.5	0.5*7	525	2.3	100.8
WM600-4	4.0	0.5*8	600	2.6	88.2
WM675-4	4.5	0.5*8	675	2.9	78.4
WM750-5	5.0	0.5*10	750	3.3	70.5
WM900-6	6.0	0.5*12	900	3.9	58.8
WM1050-7	7.0	0.5*14	1050	4.6	50.4
WM1200-8	8.0	0.5*16	1200	5.2	44.1
WM1350-9	9.0	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)	(mtr x mtr)	(W)	(A)	Ω
WM200-1	1.0	0.5*2	200	0.9	264.5
WM300-1	1.5	0.5*3	300	1.3	176.3
WM400-2	2.0	0.5*4	400	1.7	132.3
WM500-2	2.5	0.5*5	500	2.2	105.8
WM600-3	3.0	0.5*6	600	2.6	88.2
WM700-3	3.5	0.5*7	700	3.0	75.6
WM800-4	4.0	0.5*8	800	3.5	66.1
WM900-4	4.5	0.5*8	900	3.9	58.8
WM1000-5	5.0	0.5*10	1000	4.3	52.9
WM1200-6	6.0	0.5*12	1200	5.2	44.1
WM1400-7	7.0	0.5*14	1400	6.1	37.8
WM1600-8	8.0	0.5*16	1600	7.0	33.1
WM1800-9	9.0	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	22.0

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.



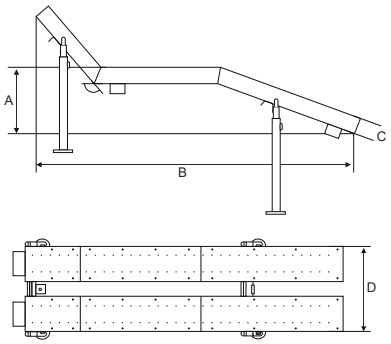
Specifications

- 140 orifices: Ø2.5mm
- 2 intakes on the base
- PVC installation base support (not included)
- Female connection: 1"
- Airflow: 245 m^3/h
- Recommended blower: AH420-321 2,2kW

Code	Description	Dimensions				Weight
		A	B	C	D	Kg
015993	Air Bed Massage AISI 316	560 mm	1445 mm	75 mm	370 mm	45







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	Ø345	3.8
015996	Square Foot Massage AISI 316	300 X 300	5.5
015997	Square Foot Massage AISI 316	500 X 500	14.5
015998	Square Foot Massage AISI 316	750 X 750	28.5
015999	Rectangle Foot Massage AISI 316	520 X 170	3.8

Wellness
Massage Relaxation

Air Bed Massage

Air bed massage in fiberglass construction is specially designed for spa center swimming pool. Sit and relax, enjoy full body massage. Flow required : 23 m^3/hr



Specifications

- Dimensions: 1800 x 680 mm
- Water massage jets: 11
- Feet massage: yes
- Shoulder massage: yes
- Hand twist spa system: yes
- Perfect therapy control center: yes

Code	Description	Dimensions	
		Length	Width
0159AM	Air Bed Massage Fiberglass	1800 mm	680 mm

Air Chair Massage

Chair massage in fiberglass construction is specially designed for spa center swimming pool. Sit and relax, enjoy neck massage, shoulder massage, back massage, leg massage and feet massage. Flow required : 27 m^3/hr



Specifications

- Dimensions: 1100 x 780 mm
- Water massage jets: 17
- Feet massage: yes
- Shoulder massage: yes
- Hand twist spa system: yes
- Perfect therapy control center: yes

Code	Description	Dimensions	
		Length	Width
0159AC	Air Chair Massage Fiberglass	1100 mm	780 mm

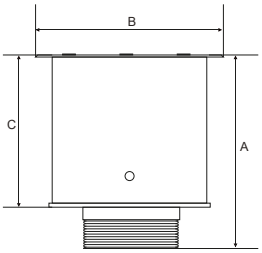
Wellness
Stainless Steel Relaxation

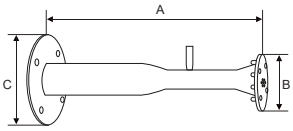
Wall Massage Nozzles

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	Dimensions			Weight
	Code	A	B	C	Kg
012991	Wall Massage Nozzle Short AISI 316	130 mm	120 mm	85 mm	1.15
012993	Wall Massage Nozzle Long AISI 316	410 mm	100 mm	165 mm	2.7





Stainless Steel Relaxation

Projects by Atecpool













ATECPOOL

Expertise and Quality

RAINBOW

PUBLIC, COMMERCIAL AND PRIVATE FOUNTAINS

RAINBOW FOUNTAIN

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL
RAINBOW



ATECPOOL INTERNATIONAL GROUP

Rainbow Fountain



ATECPOOL RAINBOW Fountain Water fountain design concept is synonymous with graceful notion of dancing. With this fountain fundamental in mind, the concept design of the water feature is done, engineered at its best and delivered.

The design by ATECPOOL Rainbow fountain aims to create the most pleasant visual effect of the combination of water and underwater multicolor LED lights. The overall performance to amaze every eyes falling on this magical water effect.

The individual DMX signal makes sure that LED lighting at its best illumination effects, WaterSwitches used to improve the uniformity of the spray height and the switching speed of the water jet and musical fountains controls by Syncronorm Integrated Control System.

Rainbow Fountain - magical water



Rainbow Fountain

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

RAINBOW



Discovering Products



NOZZLES



INTERACTIVE FOUNTAINS



FOUNTAIN LIGHTING



CONTROLLABLE PUMPS



CONTROLS

Rainbow Fountain
Magical Water



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

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
ORCHAD ROAD

Rainbow Fountain
Project References

Sadong Jaya, Malaysia

DMX programmed 50 comet nozzle on waterswitch, fully integrated fountain display.







SADONG JAYA
MALAYSIA

Rainbow Fountain
Project References

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

Kenjeran Surabaya, Indonesia

Dancing musical fountain , 64 comet nozzles mounted on waterswitches with exclusive magical water effects.





KENJERAN
SURABAYA

RAINBOW

> IMAGINATION





> CONCEPTUALIZATION

> DESIGN





> INNOVATION

> QUALITY



COMPLETE FOUNTAIN SOLUTIONS

> Concept Design & Development
> 3D Rendering / 3D Animations
> Technical Support & Site Evaluation
> Product offerings and Inventory
> Production & Manufacturing
> Start-Up & Commissioning

Rainbow Fountain
Comet Nozzles

RAINBOW

Comet Nozzles



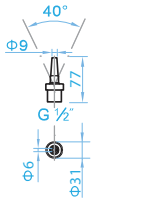


Comet Nozzles Specifications

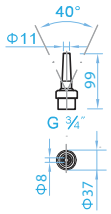
- Stainless steel
- Clear stream jet
- Good resistance to wind
- Water level independent
- Adjustable spray angle

			SPRAY HEIGHT (m)													
Code	**BSP. connection**	**Flow/Head**	**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 mtr	0,5	0,8	1	1,5	2									
ZF 20-8	3/4"	LPM	11	15	19	23	27	31	35	37						
		Head in mtr	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 mtr	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 mtr	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 mtr			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 mtr					2	2,5	3	4,5	6	8	10	12		
ZF 50-20	2"	LPM							160	200	225	246	270	293		
		Head in mtr							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 mtr							4,6	6	7,5	9	11	16,8	22,5	
ZF 80-28	3"	LPM									439	479	552	618	800	880
		Head in mtr									7,1	8,6	12	14	17	25

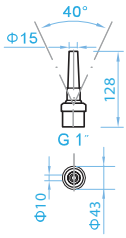
Dimensions



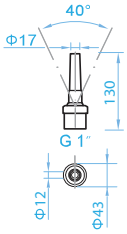
ZF 15-6



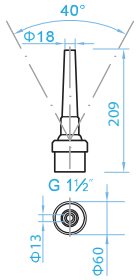
ZF 20-8



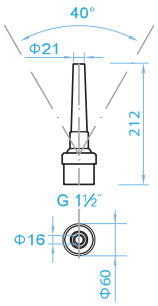
ZF 25-10



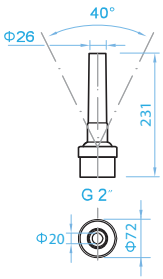
ZF 25-12



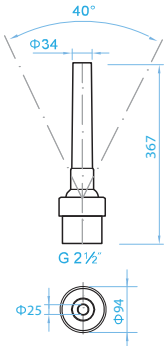
ZF 40-13



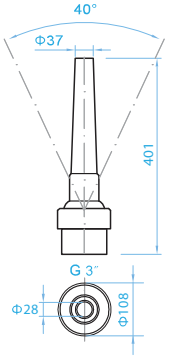
ZF 40-16



ZF 50-20



ZF 65-25



ZF 80-28

Rainbow Fountain
Sphere Nozzles

RAINBOW

Sphere Nozzle



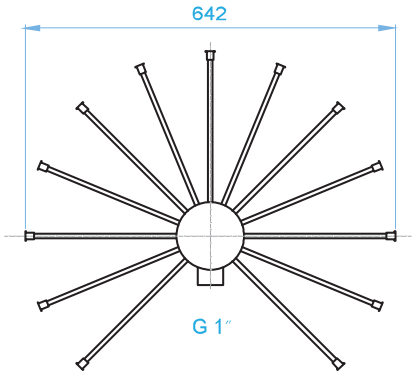


			SPRAY HEIGHT (m)
Code	**BSP. connection**	**Flow/Head**	**1**
ZO25	1"	LPM	140
		Head in mtr	2,2
ZO40	1 1/2"	LPM	202
		Head in mtr	2,2
ZO50	2"	LPM	350
		Head in mtr	2,2

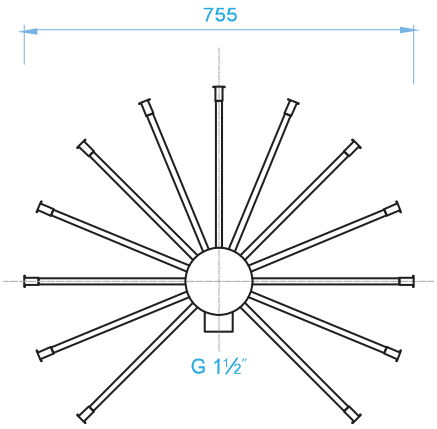
Sphere Nozzles Specifications

- Stainless steel / Brass plated chrome
- Impressive water display
- Decorative high-grade steel sculpture
- Water level independent

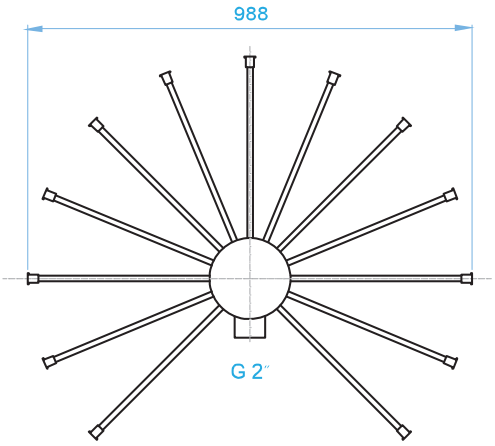
Dimensions



ZO25



ZO40



ZO50

Rainbow Fountain
Variety Nozzles

Variety Nozzle



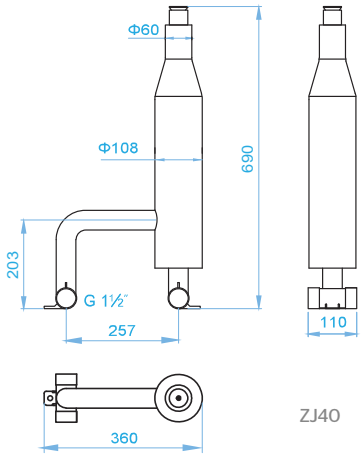


Variety Nozzles Specifications

- The Variety jet creates a dynamic variable water pattern
- The nozzle is driven by two pumps controlled with VFD
- Compact robust stainless steel Nozzle
- 2 pressure connections
- Nozzle with DN40 nipple

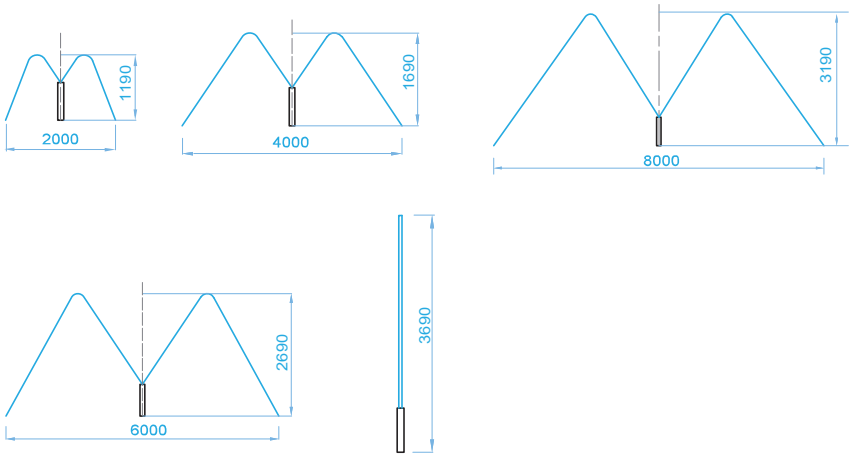
				SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Spray Pattern**	**Flow/Head**	**0,5**	**1**	**2**	**2,5**	**3**
ZJ40	1 1/2"	Water Bell	LPM	80	123	187	220	
			Head in mtr	1,5	3	5,7	7,4	
		Single Stream	LPM		111	170		220
			Head in mtr		4	6,5		9

Dimensions



ZJ40

Water Spray Effect



Rainbow Fountain
Foam Nozzles

ZM-Series Foam Nozzle



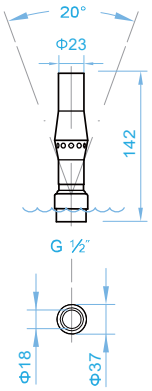


Foam Nozzles Specifications

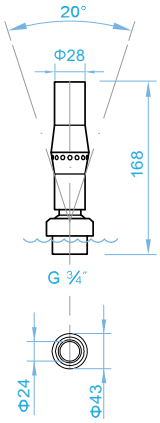
- Stainless steel
- Foamy jet
- Good resistance to wind
- Water level dependent
- Adjustable spray angle

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**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 mtr	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 mtr	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 mtr	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 mtr	1	2	3	5	6	11	16	21	26

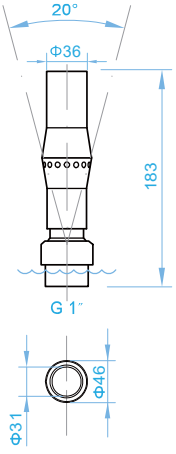
Dimensions



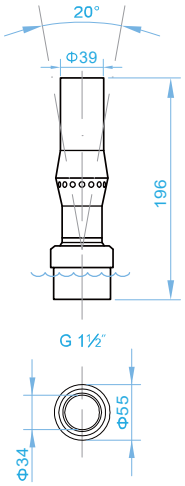
ZM15



ZM20



ZM25



ZM40

Rainbow Fountain
Foam Nozzles

RAINBOW

ZG-Series Foam Nozzle



ZG25P ZG25 ZG40 ZG50



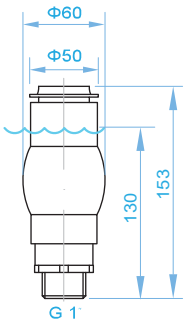


Foam Nozzles Specifications

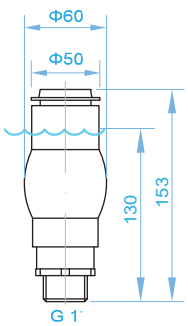
- Stainless steel shell (ZG25P)
- Stainless steel (ZG25, ZG40, ZG50)
- Foamy jet
- Water level dependent
- Optional swivel connector

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**	**5**
ZG25P	1"	LPM	46	60	73	90	100	110	130	160	195
		Head in mtr	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 mtr	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 mtr	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 mtr			1,5	1,8	2,1	3,2	4,5	6	9

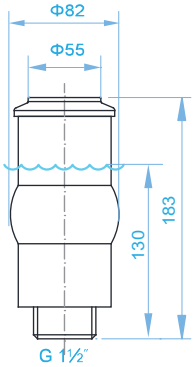
Dimensions



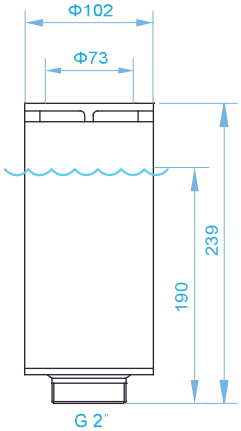
ZG25P



ZG25



ZG40

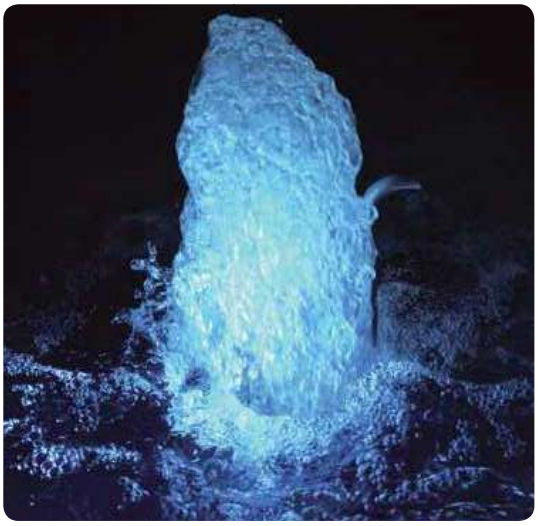


ZG50

Rainbow Fountain
Foam Nozzles

ZE - Series Foam Nozzle



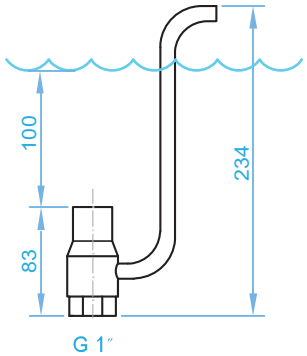


Foam Nozzles Specifications

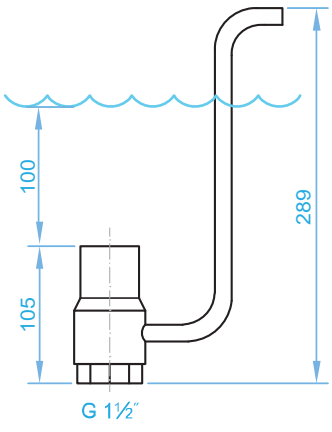
- Stainless steel
- Aerated water at low levels with a splashy frothy column at high levels
- Water level dependent

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**	**5**
ZE25	1"	LPM	50	60	65	70	75	81	90	107	125
		Head in mtr	0,5	0,8	1	1,5	2	3	4	6	8
ZE40	1 1/2"	LPM	75	78	80	85	101	111	128	154	185
		Head in mtr	0,7	0,9	1,5	2	3	4	5	7	11

Dimensions



ZE25



ZE40

Rainbow Fountain
Stream Nozzles

Stream Nozzle





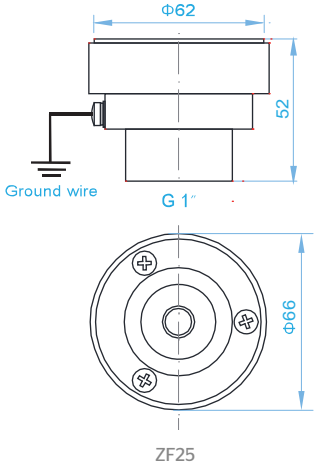
Stream Nozzles Specifications

- Can be installed vertically or horizontally with jet angle adjustment up to 25°
- The slender column of water produced by the 10mm diameter opening is best used as a small to medium water feature nozzle
- Water level independent
- Stainless steel construction and complete with bonding screw

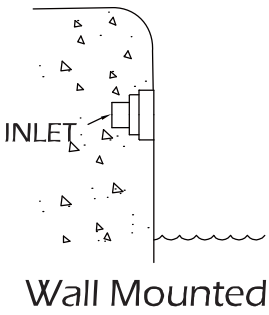
This directionally adjustable clear stream nozzle is designed for applications that require flush deck level mounting such as swimming pool decks and children's public water play areas.

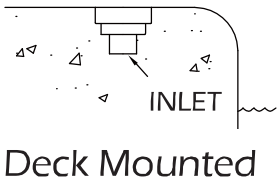
			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,50**	**3**	**4**	**5**
		LPM	15	22	26	30	34	44	60
		Head in mtr	1,2	2	3	3,5	4	7	11
ZF25	1"	Throw in mtr	1		2		3		
		LPM	18		27		37		
		Head in mtr	1,8		3		5		

Dimensions



Mounting Options





Rainbow Fountain
Cascade Nozzles

Cascade Nozzle



ZBG Series ZB Series

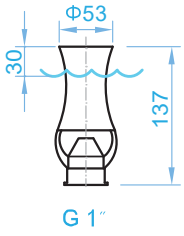


Cascade Nozzles Specifications

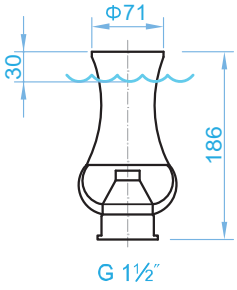
- Stainless steel
- Cone-shaped effect
- Foamy effect with rich mixture of air
- Water level dependent
- ZB series with adjustable spray angle

			SPRAY HEIGHT (m)													
Code	**BSP. connection**	**Flow/Head**	**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 mtr	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 mtr	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 mtr	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 mtr	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 mtr	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 mtr				4	7	10	13	16	19	22	25	28	31	34

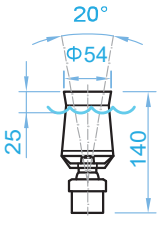
Dimensions



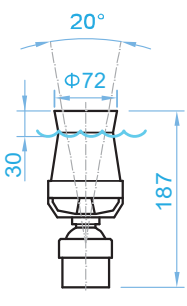
ZBG25



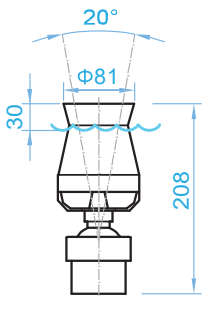
ZBG40



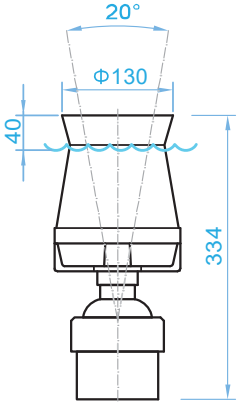
ZB25



ZB40



ZB50



ZB80

Rainbow Fountain
Fan Nozzles / Flat Nozzles

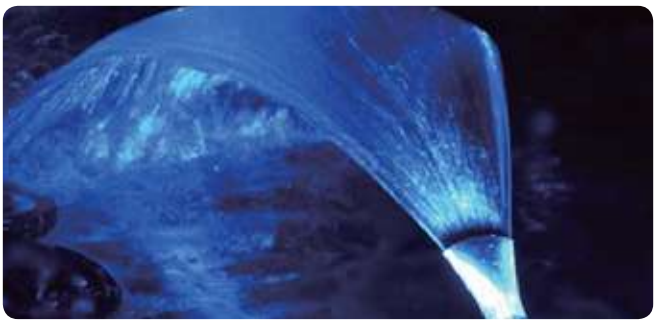
Fan Nozzle



Flat Nozzle







Fan Nozzles Specifications

- Stainless steel
- A fan shaped display
- Display a fan-shaped spray pattern with an angled installation.
- Water level independent

Flat Nozzles Specifications

- Stainless steel
- A fan shaped display
- Display an ideal parabolic spray pattern with an angled installation.
- Water level independent

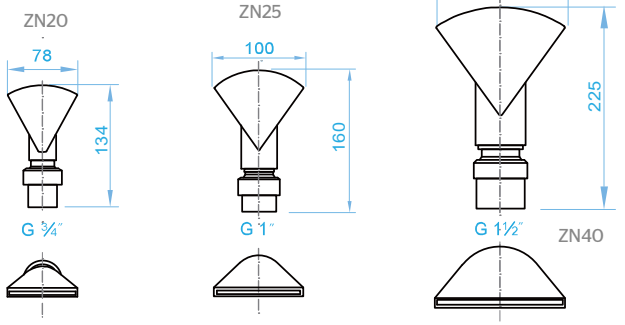
Atecpool Fan Nozzle

			SPRAY HEIGHT (m)							
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**
ZN20	3/4"	LPM	30	34	36	50	62			
		Head in mtr	0,5	0,8	1,2	1,7	2,4			
ZN25	1"	LPM	45	64	72	95	110	138	150	
		Head in mtr	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 mtr	0,5	0,8	1,2	1,7	2,5	3,5	4,5	5,5

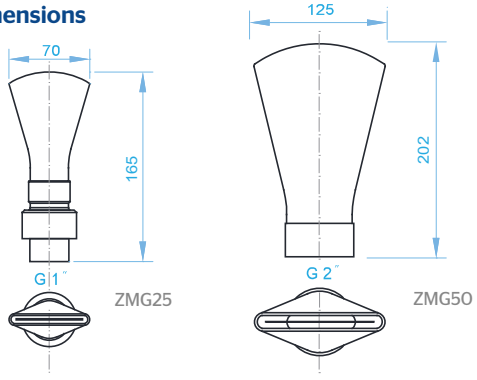
Atecpool Flat Nozzle

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**1,75**	**2**
ZMG25	1"	SPB (spray width) in mtr	1	1,5	2	3	3,8	
		LPM	94	116	134	165	179	
		Head in mtr	0,6	1,1	1,3	1,9	2,3	
ZMG50	2"	SPB (spray width) in mtr	1,5		3	4		5,5
		LPM	167		234	267		367
		Head in mtr	0,5		1	1,5		2

Dimensions



Dimensions



Rainbow Fountain
Finger Nozzles

Finger Nozzle



ZRG50





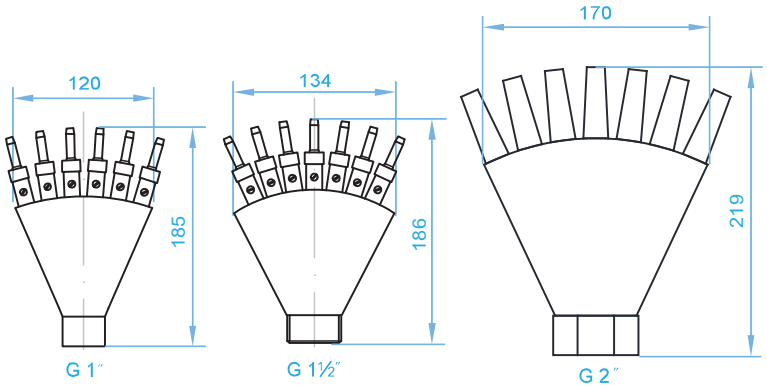
ZR Series

Finger Nozzles Specifications

- Stainless steel /Brass plated chrome
- A finger-like fan shaped display
- ZR series can be used vertically or angled to provide a decorative water display
- Water level dependent

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**4**
ZR25	1"	LPM	20	31	42	51	62	75
		Head in Mtr	2	3,2	5,8	8,8	12	16
ZR40	1 1/2"	LPM	18	25	34	38	45	64
		Head in Mtr	1	2	4	5	6	10
ZRG50	2"	LPM				200	217	267
		Head in Mtr				3,5	5	7

Dimensions



ZR25 ZR40 ZRG50

Rainbow Fountain
Water Fog Nozzles

RAINBOW

Water Fog Nozzle



ZW15

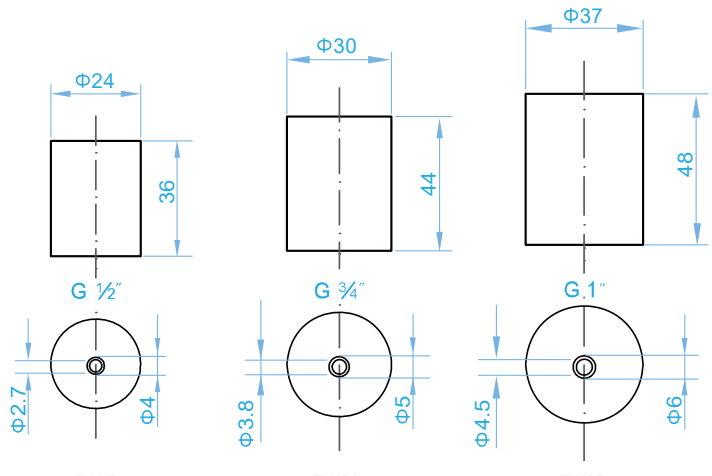


Water Fog Nozzles Specifications

- Stainless steel
- Misty romantic water display
- Water level independent

			SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**
ZW15	1/2"	LPM	14	22	30		
		Head in Mtr	7	16	25		
ZW20	3/4"	LPM	17	27	38		
		Head in Mtr	1	2	3		
ZW25	1"	LPM	20	28	35	43	50
		Head in Mtr	10	17,5	25	33	40

Dimensions



Rainbow Fountain
Water Bell Nozzles

Water Bell Nozzle



ZMN25

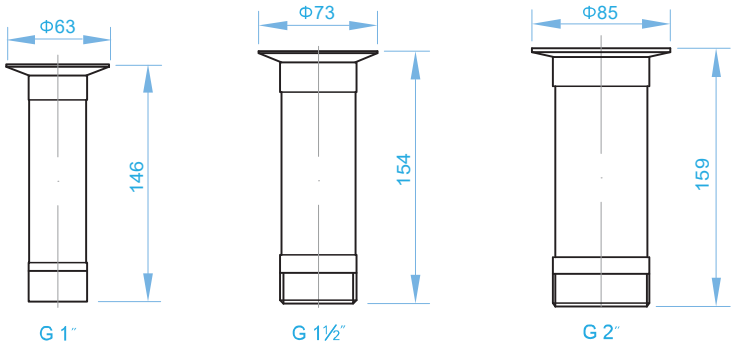


Water Bell Nozzles Specifications

- Stainless steel
- Transparent water film
- Adjustable bell diameter
- Silent running
- Water level independent

			SPRAY HEIGHT (m)		
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**0,9**
ZMN25	1"	LPM	18		
		Head in Mtr			
ZMN40	1 1/2"	LPM		35	
		Head in Mtr			
ZMN50	2"	LPM			38
		Head in Mtr			

Dimensions



ZMN25 ZMN40 ZMN50

Rainbow Fountain
Spinning Nozzles

Spinning Nozzle



ZEG40

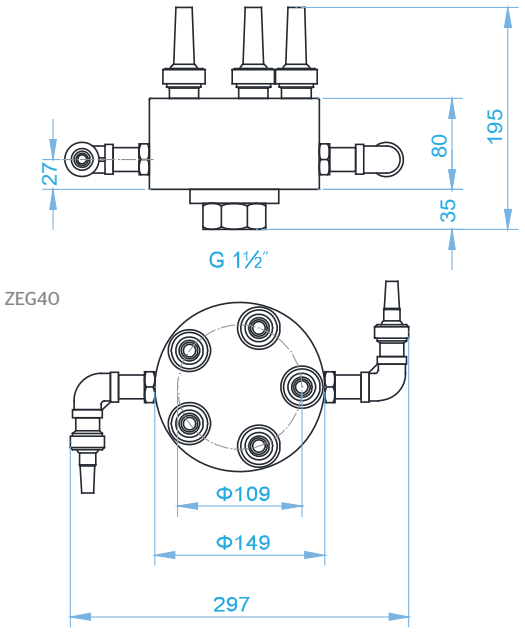


Spinning Nozzles Specifications

- Stainless steel
- Rotating water pattern
- Water level independent

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**4**
		SPB (spray width) in mtr	2	3,1	4	4,4	5	6
ZEG40	1 1/2"	LPM	141	173	199	223	244	282
		Head in mtr	2,5	3,8	5	6,3	7,6	10,1

Dimensions



Rainbow Fountain
Cluster Nozzles

RAINBOW

ZP - Series Cluster Nozzle



ZP25

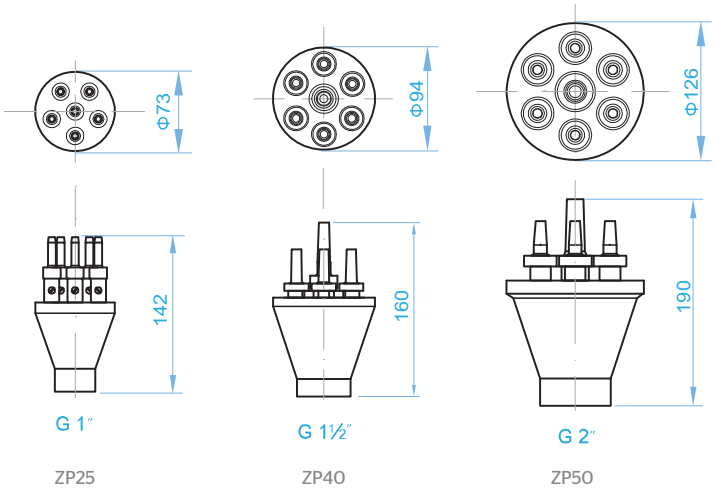


Cluster Nozzles Specifications

- Stainless steel (ZP40,ZP50)
- Stainless steel / Brass plated chrome (ZP25)
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent

			SPRAY HEIGHT (m)							
Code	**BSP. connection**	**Flow/Head**	**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 mtr	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 mtr	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 mtr	0,5	0,8	1	1,5	2	3	4	8

Dimensions



Rainbow Fountain
Cluster Nozzles

RAINBOW

ZPT - Series Cluster Nozzle





ZPT25

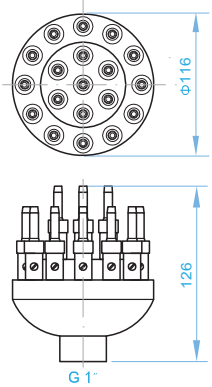


Cluster Nozzles Specifications - ZPT - Series

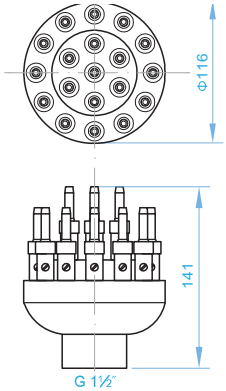
- Stainless steel / Brass plated chrome
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**
ZPT25	1"	LPM	50	66	68	85	110	120
		Head in Mtr	0,5	1	1,2	2	3,5	4
ZPT40	1 1/2"	LPM	50	62	70	90	120	140
		Head in Mtr	0,5	1	1,2	2	3,2	4

Dimensions



ZPT25



ZPT40

Rainbow Fountain
Annular Nozzles

Annular Nozzle



ZA25

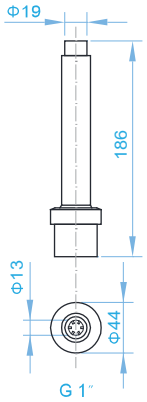


Annular Nozzles Specifications

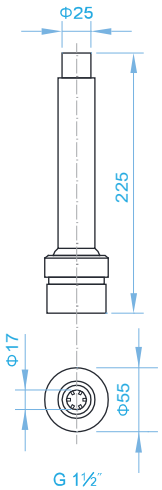
- Stainless steel
- Easy to clean
- Water level independent

			SPRAY HEIGHT (m)										
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**	**5**	**6**	**7**
ZA25	1"	LPM	24	27	31	41	46	55	58	70	95		
		Head in mtr	1	1,2	1,5	2,1	2,8	3,8	4,1	6,5	10		
ZA40	1 1/2"	LPM	50	60	70	85	96	108	115	125	140	160	200
		Head in mtr	1,8	2	2,2	2,8	4	5	6	7	8	9	12

Dimensions



ZA25



ZA40

Rainbow Fountain
Aerated Nozzles

Aerated Nozzle



ZMA25

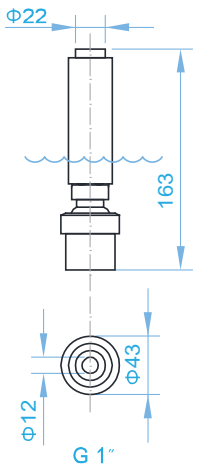


Aerated Nozzles Specifications

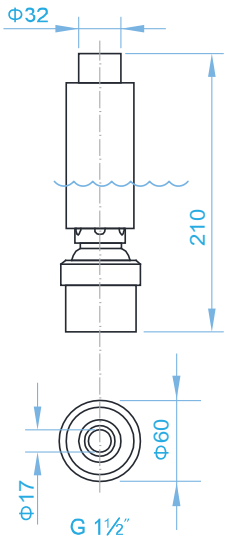
- Stainless steel
- Easy to clean
- Water level dependent

			SPRAY HEIGHT (m)										
Code	**BSP. connection**	**Flow/Head**	**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 mtr	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 mtr	1,8	2	2,2	3,2	4	4,5	5,2	6	7	8	12

Dimensions



ZMA25



ZMA40

Rainbow Fountain
Z20-12 Jumping Jet



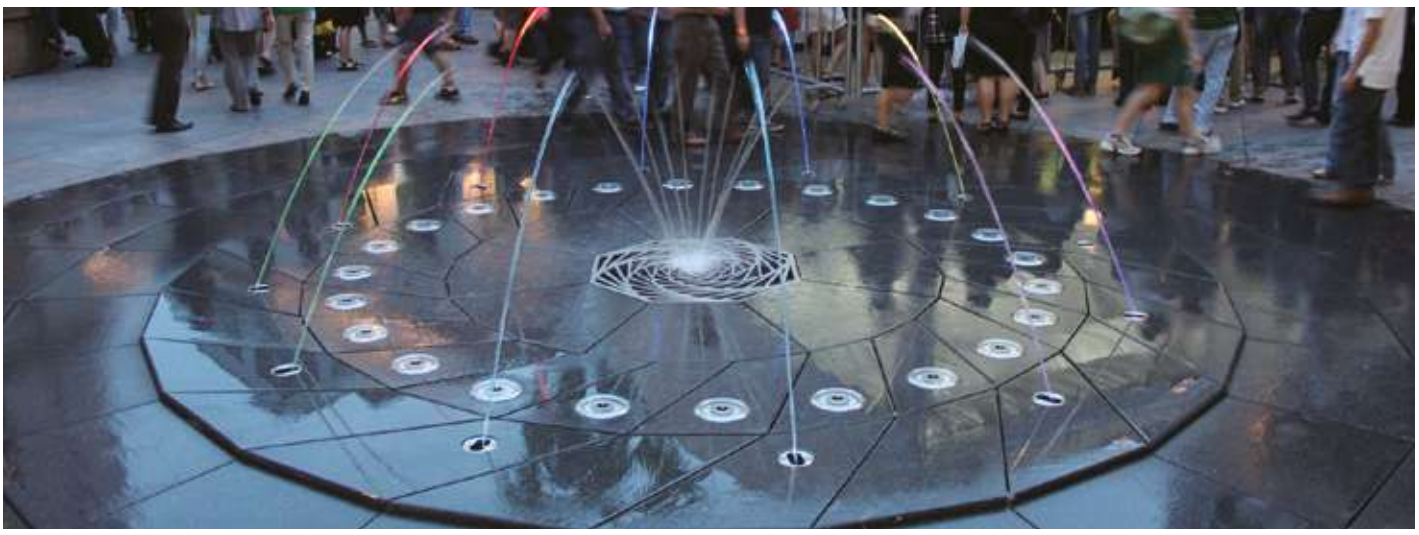
Water Parabolas



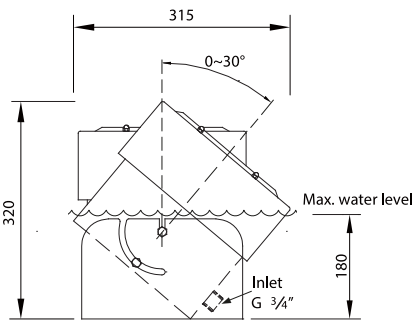
Z20-12 Jumping Jet Specifications

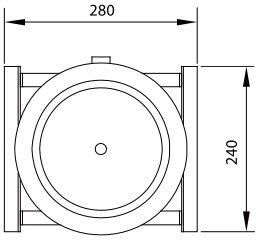
- Effect: laminar water
- Function: cut off
- Orifice: 12mm
- Vertical pivoting range: 0-30°
- Max. pressure: 0.5bar
- Max. flow rate: 50l/min
- Max. water depth: 180mm
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.1A
- Rated voltage of LED light: 24V DC
- Rated power of LED 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
- Weight: 20kg

Example of application



Dimensions





Characteristics	Z20-12
Rated voltage	24VDC
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
Z40-16 Jumping Jet



Water Parabolas



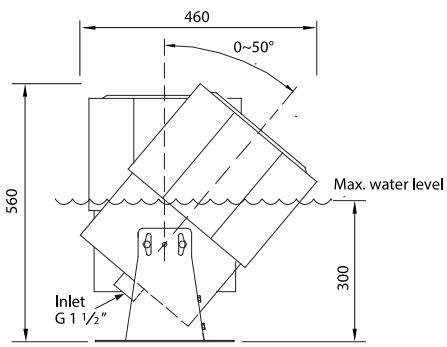
Z40-16 Jumping Jet Specifications

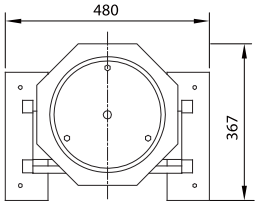
- Effect: laminar water
- Function: cut off
- Orifice: 16mm
- Vertical pivoting range: 0 ~ 50 °
- Max. pressure: 0.7bar
- Max. flow rate: 84 l/min
- Max. water depth: 300mm
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.4A
- Rated voltage of LED light: 24V DC
- Rated power of 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
- Weight: 38kg

Example of application



Dimensions



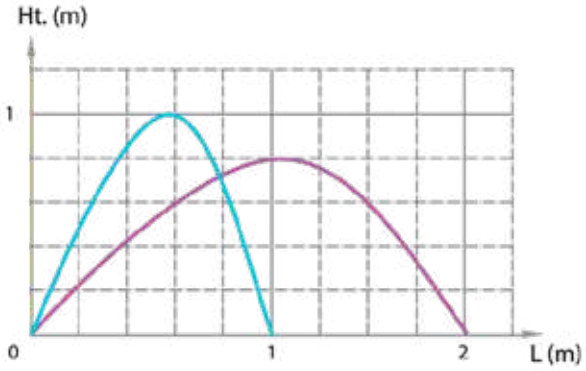


Characteristics	Z40-16
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m STW 18AWG
Vertical pivoting range	0-50°
Weight	38kg
Orifice	16 mm
Max flow rate	84 ltr/min
Material	Stainless Steel

Rainbow Fountain
Z20-8 Laminar Jet



Water Parabolas



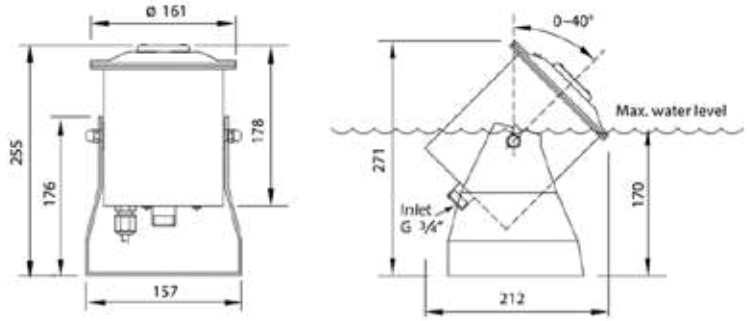
Z20-8 Laminar Jet Specifications

- Effect: laminar water
- Orifice: 8mm
- Vertical pivoting range: 0 ~40 °
- Max. pressure: 0.3bar
- Max. flow rate: 25 l/min
- Max. water depth: 170mm
- 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
- Weight: 6.8kg

Example of application



Dimensions

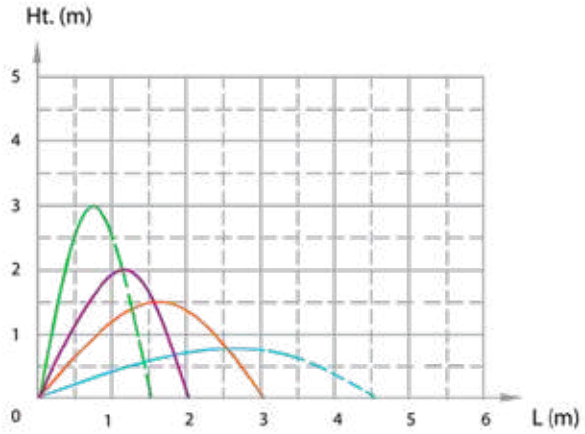


Characteristics	Z20-8
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m STW 18AWG
Vertical pivoting range	0-40°
Weight	6.8kg
Orifice	8 mm
Max flow rate	25 ltr/min
Material	Stainless Steel

Rainbow Fountain
Z20L-12 Laminar Jet



Water Parabolas



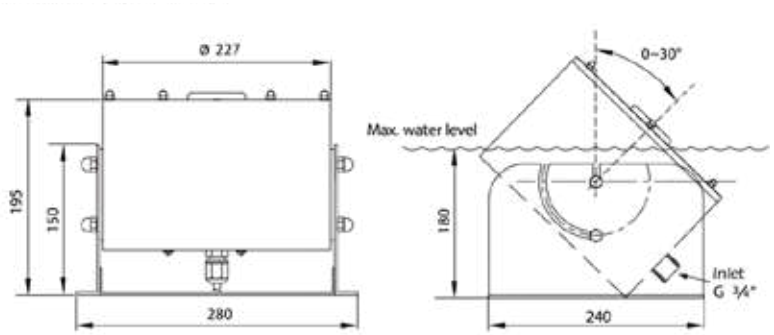
Z20L-12 Laminar Jet Specifications

- 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
- Weight: 17kg

Example of application



Dimensions



Characteristics	Z20L-12
Rated voltage	24VDC
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



LED Foam Effect Nozzle

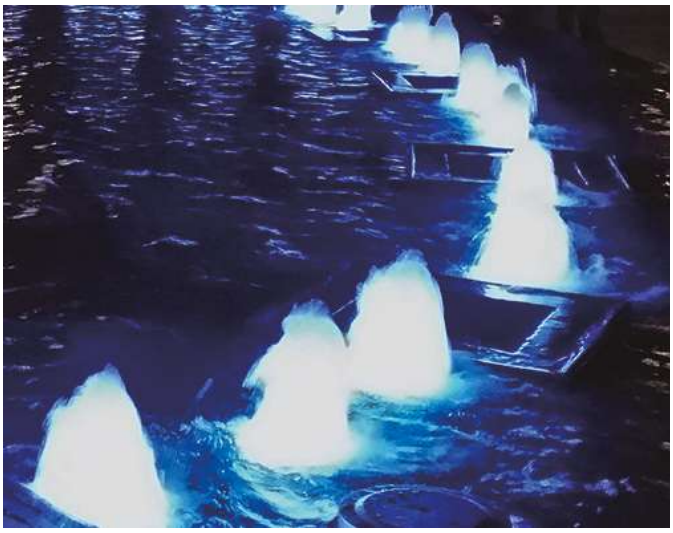
Color Cascade Bubbler nozzle with LED provides vivid mix of color or elegant white. Perfect showcasing for water features at entrance and for step water features. Low voltage and minimal water flow requirement make them an ideal energy efficient additions to waterscapes.

LED Foam Effect Nozzle Specification

- Located 50mm under water level
- Light type: LED RGB / white light
- Rated voltage: 24 VDC
- Rated power 3W
- Weight 3.6kg
- Power cable for LED light 3m STW 18AWG
- Stainless steel 316 construction with Acrylic nozzle

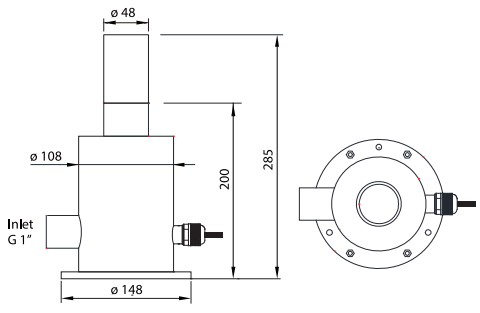
Example of application





			SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Flow/Head**	**0,15**	**0,25**	**0,35**	**0,5**	**0,6**
ZFL 35-40	1"	LPM	40	50	58	65	72
		Head in mtr	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	24VDC
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
- **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

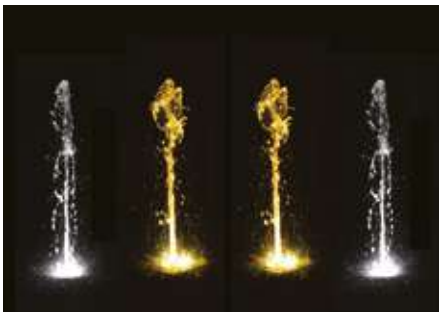
Deck Jet Column Nozzle ZDJ25C / ZDJ35S

			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**	**4**
ZDJ25C or ZDJ35S	1"	LPM	25	30	35	40	45	60	65
		Head in mtr	1,5	2,5	3	3,5	5	5,5	7

Deck Jet Angle Ring Nozzle ZDJ25C / ZDJ35S

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**
ZDJ25C or ZDJ35S	1"	LPM	20	25	30	35	40	45
		Head in mtr	1	1,7	2,5	3,5	4,5	5,5

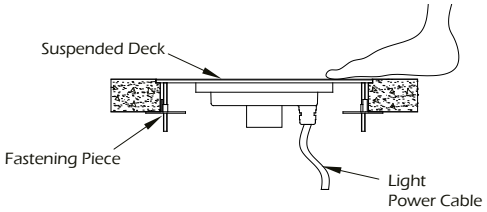
Performance of Deck Jet (Column Nozzle)



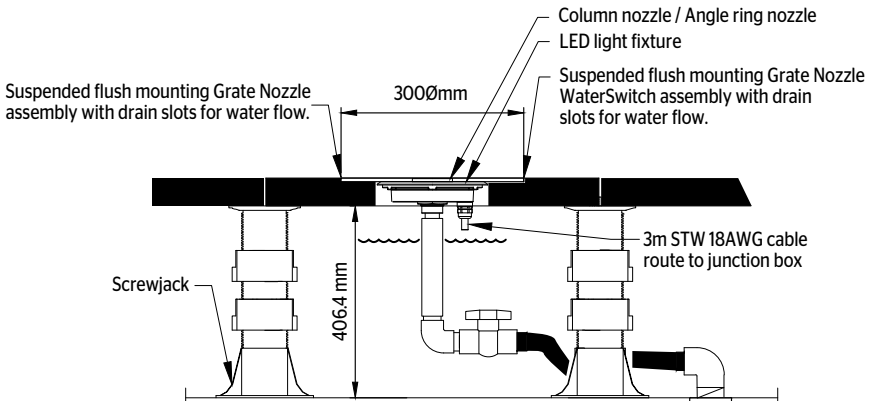
Performance of Deck Jet (Angle Ring Nozzle)



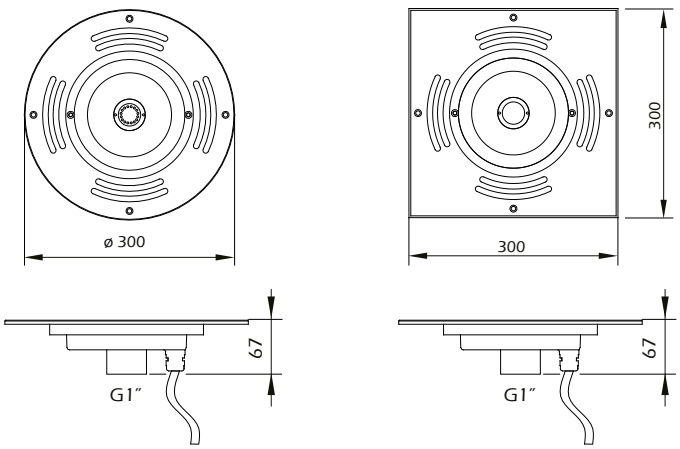
Nozzle mounted on paver



Atecpool installation diagram: Deck Jet



Dimensions



Rainbow Fountain
Deck Jet with WaterSwitch


ZDJWS25C


ZDJWS35S

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.

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

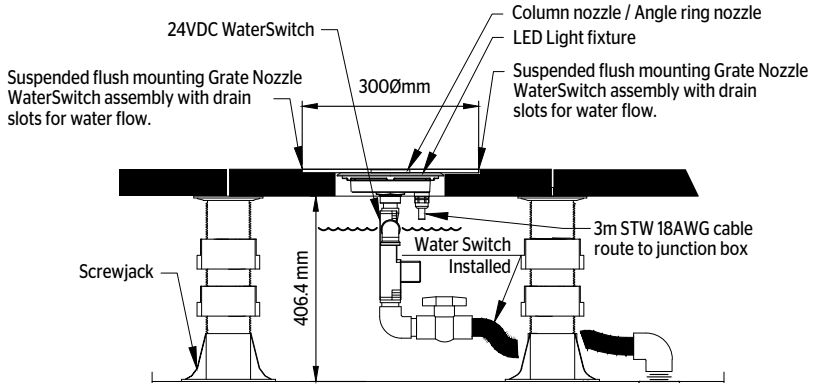
Deck Jet with WaterSwitch Column Nozzle ZDJWS25C / ZDJWS35S

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**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 mtr	6	8,5	11	13,5	14,5	18,5	23	25	26,5

Deck Jet with WaterSwitch Angle Ring Nozzle ZDJWS25C / ZDJWS35S

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**1**	**1,5**	**2**	**2,5**	**3**
ZDJWS25C or ZDJWS35S	1"	LPM	25	37	50	55	63	80
		Head in mtr	4	7	12	14	16	25

Atecpool installation diagram: Deck Jet + Water Switch



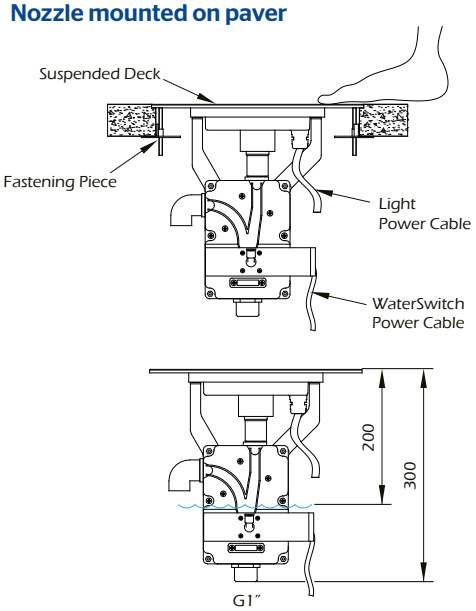
Performance of Deck Jet (Column Nozzle)



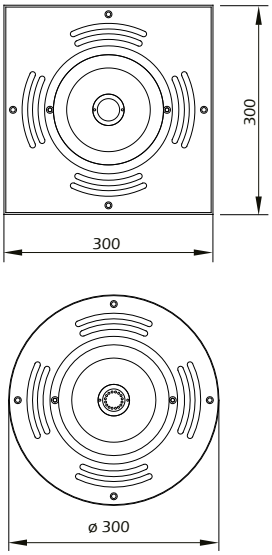

Performance of Deck Jet (Angle Ring Nozzle)




Nozzle mounted on paver



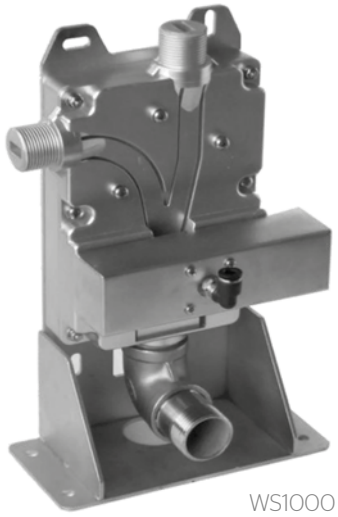
Dimensions



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

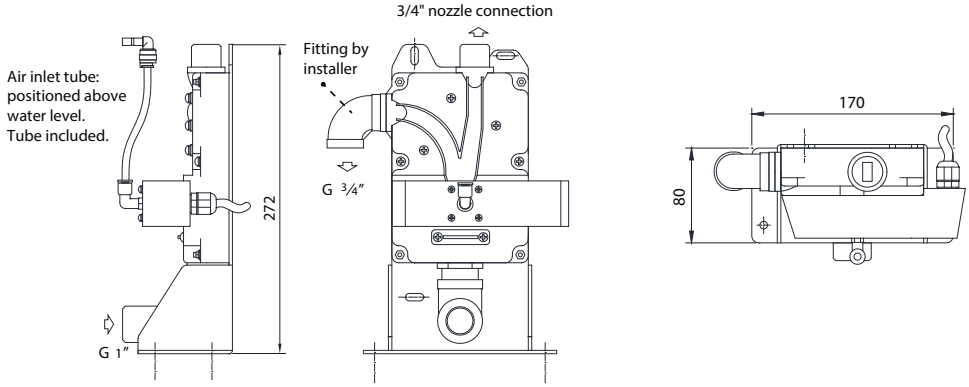
- Construction : ABS with AISI 316 stainless steel mount
- WS1000 with Inlet Connection 1" and two Discharge Connections of 3/4".
- WS1500 with Inlet Connection 1.5" and two Discharge Connections of 1.5".
- 24VDC 10W Solenoid valve, actuation speed up to 1 /12 second
- Can be mounted on ground or suspended on horizontal or vertical bracket
- 3 meter cable SJTOW 18AWG

Code	Description	Inlet	Outlet (2 nos)
WS1000	WaterSwitch 24VDC/10W	1"	3/4"
WS1500	WaterSwitch 24VDC/10W	1.5"	1.5"

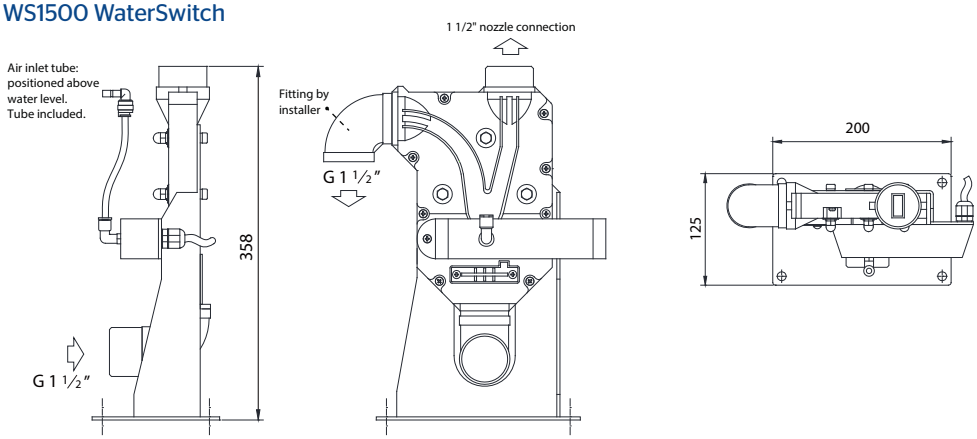
Characteristics	WS1000	WS1500
Rated voltage	24VDC	24VDC
Power Consumption	10W	10W
Power Cable	3m STW 18/ 3AWG	3m STW 18/ 3AWG
Switching Speed	1/12 seconds	1/12 seconds
Weight	2.9kg	3.8kg
Inlet connection	1"	1.5"
Outlet connection (2 nos)	3/4"	1.5"

Dimensions

WS1000 WaterSwitch



WS1500 WaterSwitch

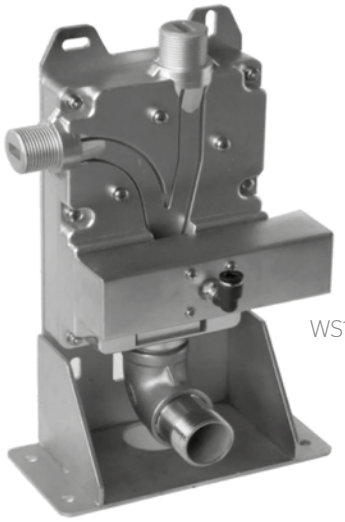


Rainbow Fountain
WaterSwitch Assembly

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

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**1**	**1,5**	**2**	**2,5**	**3**
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

			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**3**	**4**	**5**	**6**
ZF 25-12	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
ZF 40-13	1.5"	LPM	33	40	47	60	70	80	
		Pressure demand (Bar)	0,5	0,8	1,1	1,7	2,2	2,8	
ZF 40-16	1.5"	LPM	44	52	60	78			
		Pressure demand (Bar)	1	1,5	2	3			



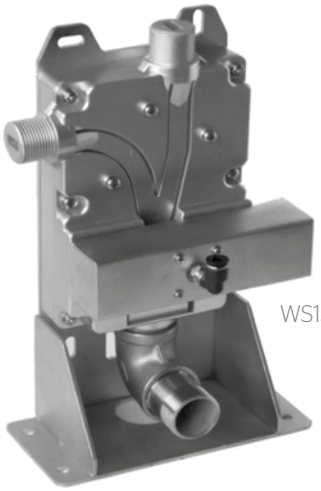
WaterSwitch WS1000 with Foam Nozzle

			SPRAY HEIGHT (m)							
Code	**BSP. connection**	**Flow/Head**	**0,5**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**	**4**
ZM 15	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
ZM 20	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	
ZM 25	1"	LPM	42	60	70					
		Pressure demand (Bar)	1	2	2,6					

Rainbow Fountain
WaterSwitch Assembly

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

			SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Flow/Head**	**1**	**2**	**3**	**4**	**5**
ZA 25	1 "	LPM			90	107	150
		Pressure demand (Bar)			1	1,3	2,2
ZA 40	1.5"	LPM		80	95	112	
		Pressure demand (Bar)		0,8	1,1	1,4	



WaterSwitch WS1500 with Comet Nozzle

			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**4**	**4,5**	**5**	**6**	**7**	**8**	**9**
ZF 40-13	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
ZF 40-16	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

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**	**4**
ZM 20	3/4"	LPM						90	100	106	111
		Pressure demand (Bar)						1	1,1	1,2	1,4
ZM 25	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
ZM 40	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 Series



AYP27RGB



AYP36RGB

Atecpool Fountain Ring LED Lights - AYP Series

Atecpool AYP HP 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 for dry deck fountains. AYP High Power Series lights can be programmed to dim, colour-change and synchronize to create infinite combinations of kaleidoscopic displays.



Specifications

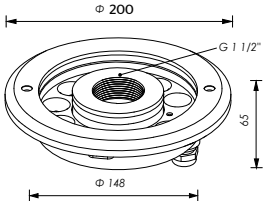
- Housing: Stainless Steel AISI 316 grade.
- Gasket: silicone gasket
- Light Window: step tempered glassT=10mm.
- Cable gland: IP-68 PG-11 copper with nickel-coated.
- IK rate: 09
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity > 2.0w/mk
- Application environment: Water temp. between -20C° ~ 50C° less than 1 meter depth
- Power cable: 3m STW 18AWG



AYP27 Specifications

Code	Description	Beam Angle	Input Voltage (V)	Power (W)	Lumen (lm)	Color Temperature
AYP27WW	AYP 9 LED Warm White	30°	12VAC	9x3	1880	3000K / Warm White
AYP27CW	AYP 9 LED Cool White	30°	12VAC	9x3	2120	6500K / Cool White
AYP27RGB	AYP 9 LED RGB	30°	24V DC	9x3	1450	RGB (3 in 1)

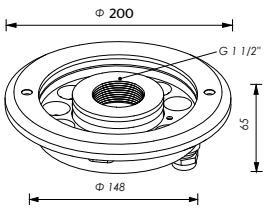
Dimension for AYP27RGB



AYP36 Specifications

Code	Description	Beam Angle	Input Voltage (V)	Power (W)	Lumen (lm)	Color Temperature
AYP36WW	AYP 12 LED Warm White	30°	12VAC	12x3	2600	3000K / Warm White
AYP36CW	AYP 12 LED Cool White	30°	12VAC	12x3	3300	6000K / Cool White
AYP36RGB	AYP 12 LED RGB	30°	24V DC	12x3	1750	RGB (3 in 1)

Dimension for AYP36RGB



Rainbow Fountain
Lighting

Fountain Ring LED - DMX Series



DMX182RGB

Atecpool Fountain Ring LED Lights - DMX Series

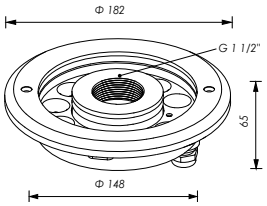
Atecpool DMX Series, DMX controlled light is the top end lighting solution for all animated fountains. The ring lights spot a G 1 1/2" threaded connection at its centre where a nozzle can be directly attached. With a 10mm thick tempered glass cover and a IK rating of 9, the underwater ring light is prefect 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 rate: 9
- Signal type: DMX512/RDM signal

Dimension for DMX182RGB



Illuminance at a distance DMX182RGB

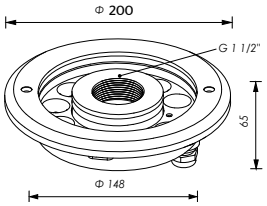
Distance (m)	Center Beam (LUX)	Angle	Beam Width (V)	Beam Width (H)
2m	1124.77 LUX		0.8m	0.8m
4m	281.19 LUX		1.6m	1.7m
6m	124.97 LUX		2.4m	2.5m
8m	70.30 LUX		3.3m	3.3m
10m	44.99 LUX		4.1m	4.1m
12m	31.24 LUX		4.9m	5.0m

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

Code	Description	Beam Angle	Input Voltage (V)	Typical Operating Current (mA)	Typical Consumption (W)	Typical luminance (lm)	IK rate
DMX182RGB	DMX 6x4W RGBW 4in1 Full color	25°	24V DC	916	22	1127	9
DMX200RGB		25°	24V DC	916	22	1127	9

Dimension for DMX200RGB



Rainbow Fountain Lighting

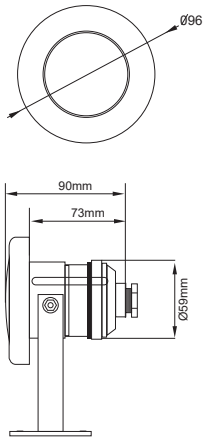
RAINBOW

Atecpool Lumina Fountain LED Panel Lighting S.S. 316

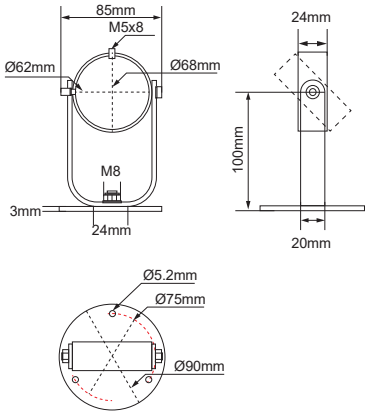
Lumina Fountain lighting in stainless steel AISI 316 construction. Supplied with S.S. Stand. Fully resin filled panel LED offering sixteen colour changing function in RGB mode. Light available in RGB, Cool White, Warm White and Blue colour options. RGB Lights are synchronized using Atecpool LED Modulators 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 2x10 mm² cable
- Material of construction: S.S. AISI 316
- Protection Class: IP68
- Lamp Life: Approx. 60.000 hrs
- Supplied with 2 mtr 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-

Code	Model	Power / Voltage	Lumen (lm)
20555RGB	Lumina Fountain LED S.S RGB	9W / 12V	400
20555CW	Lumina Fountain LED S.S Cool White	9W / 12V	720
20555WW	Lumina Fountain LED S.S Warm White	9W / 12V	640
20555B	Lumina Fountain LED S.S Blue	9W / 12V	220

Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment



Fountain Spot & XL Series LED
Stainless Steel 316

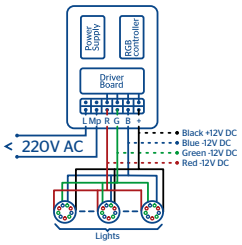
Atecpool Fountain LED Lights - Spot & XL Series

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 mm L=3m (for single colour)H07RN-F 4X0.75 mm L=3m (RGB)



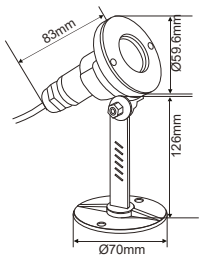


4 Core Modulator used only with RGB model

Fountain Spot LED Light



ATZ1573 CW

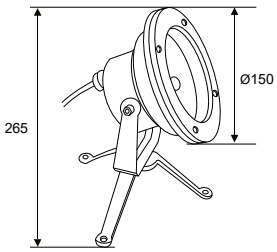


Code	Description	Power / Voltage	Lumen
ATZ1573 CW	Fountain Spot LED Cool White	1x3W / 12V AC	280
ATZ1574 WW	Fountain Spot LED Warm White	1x3W / 12V AC	190
ATZ1575 R	Fountain Spot LED Red	1x3W / 12V AC	60
ATZ1575 G	Fountain Spot LED Green	1x3W / 12V AC	80
ATZ1575 B	Fountain Spot LED Blue	1x3W / 12V AC	55
ATZ1578 RGB	Fountain Spot LED RGB	1x3W / 24V DC	145

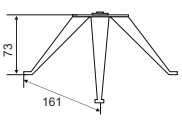
Fountain XL 6 LED Light

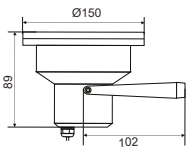


ATZ1577 CW



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

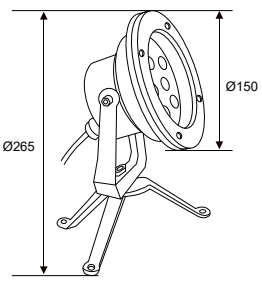




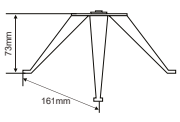
Fountain XLS 9 LED Light

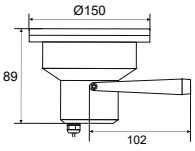


ATZ1581 CW



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





Fountain CL & CLS Series LED
Stainless Steel 316

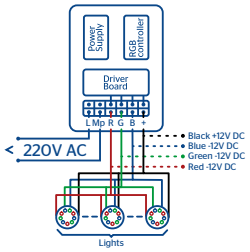
Atecpool Fountain LED Lights - CL & CLS Series

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 mm L=3m (for single colour) H07RN-F 4X0.75 mm L=3m (RGB)



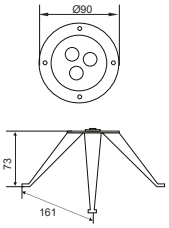


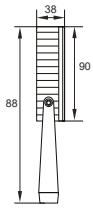
4 Core Modulator used only with RGB model

Fountain CL 3 LED Light



ATZ1595 CW



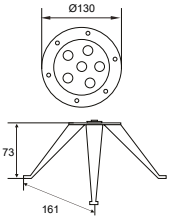


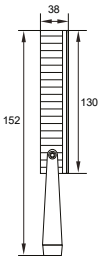
Code	Description	Power / Voltage	Lumen
ATZ1595 CW	Fountain CL 3 LED Cool White	3x3W / 12V AC	720
ATZ1596 WW	Fountain CL 3 LED Warm White	3x3W / 12V AC	640
ATZ1597 R	Fountain CL 3 LED Red	3x3W / 12V AC	345
ATZ1597 G	Fountain CL 3 LED Green	3x3W / 12V AC	390
ATZ1597 B	Fountain CL 3 LED Blue	3x3W / 12V AC	280
ATZ1598 RGB	Fountain CL 3 LED RGB	3x3W / 24V DC	450

Fountain CL 6 LED Light



ATZ1585 CW



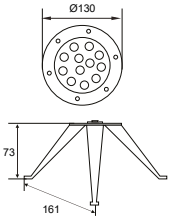


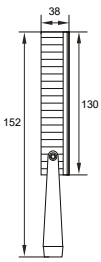
Code	Description	Power / Voltage	Lumen
ATZ1585 CW	Fountain CL 6 LED Cool White	6x3W / 12V AC	1750
ATZ1586 WW	Fountain CL 6 LED Warm White	6x3W / 12V AC	1400
ATZ1587 R	Fountain CL 6 LED Red	6x3W / 12V AC	440
ATZ1587 G	Fountain CL 6 LED Green	6x3W / 12V AC	470
ATZ1587 B	Fountain CL 6 LED Blue	6x3W / 12V AC	380
ATZ1588 RGB	Fountain CL 6 LED RGB	6x3W / 24V DC	925

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

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 -20º-50ºC less than 1 meter depth
- Power cable: 3m STW 18AWG



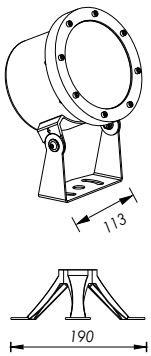


Illuminance at a distance CLX36W

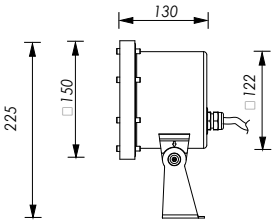
Distance (m)	Center Beam (LUX)	Angle	Beam Width (V)	Beam Width (H)
2m	2082.77 LUX		1.0m	0.9m
4m	520.69 LUX		1.9m	1.9m
6m	231.42 LUX		2.9m	2.8m
8m	130.17 LUX		3.9m	3.8m
10m	83.31 LUX		4.9m	4.7m
12m	57.85 LUX		5.8m	5.6m

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



Type	Power	Beam Angle	Input Voltage (V)	Typical Operating Current (mA)	Typical Consumption (W)	Typical luminance (lm)	IK rate
CLX36W	12x3W	30º	24V DC	1600	38.4	Cool White: 3031 Warm white: 2668	10
CLX30RGB	6x5W RGB 3 in 1	30º	24V DC	1600	38.4	835	10



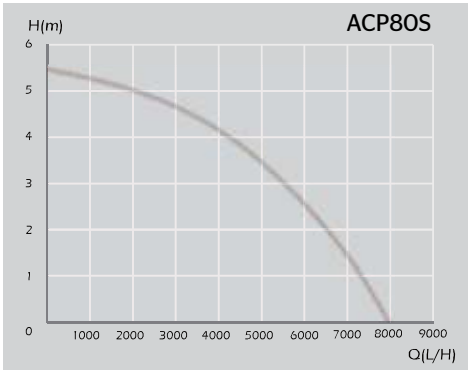
Rainbow Fountain
Controllable Submersible Pump

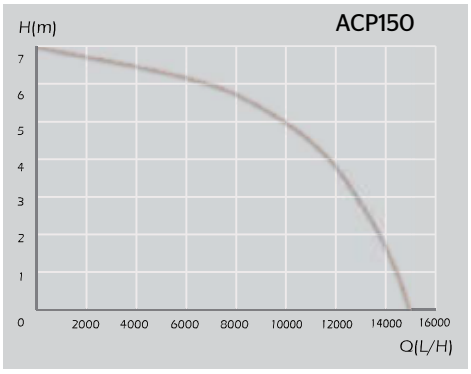


Atecpool Controllable Submersible Pump Specifications

- **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 mole to max speed:** Fastest speed reaction to ensure better fountain sense.

Performance curves





Example of application

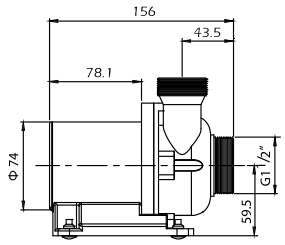


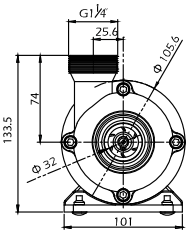
Code	Voltage	Power	Max Speed	Controlled by
ACP80S	24VDC	80W	3000rpm	DMX
ACP150	24VDC	150W	3000rpm	DMX

Pumps ACP80S and ACP150 work with 1" comet nozzle.

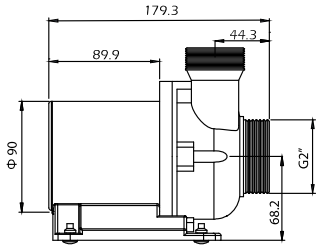
Pumps Dimensions

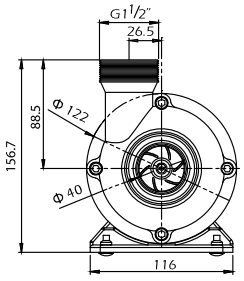
ACP80S





ACP150

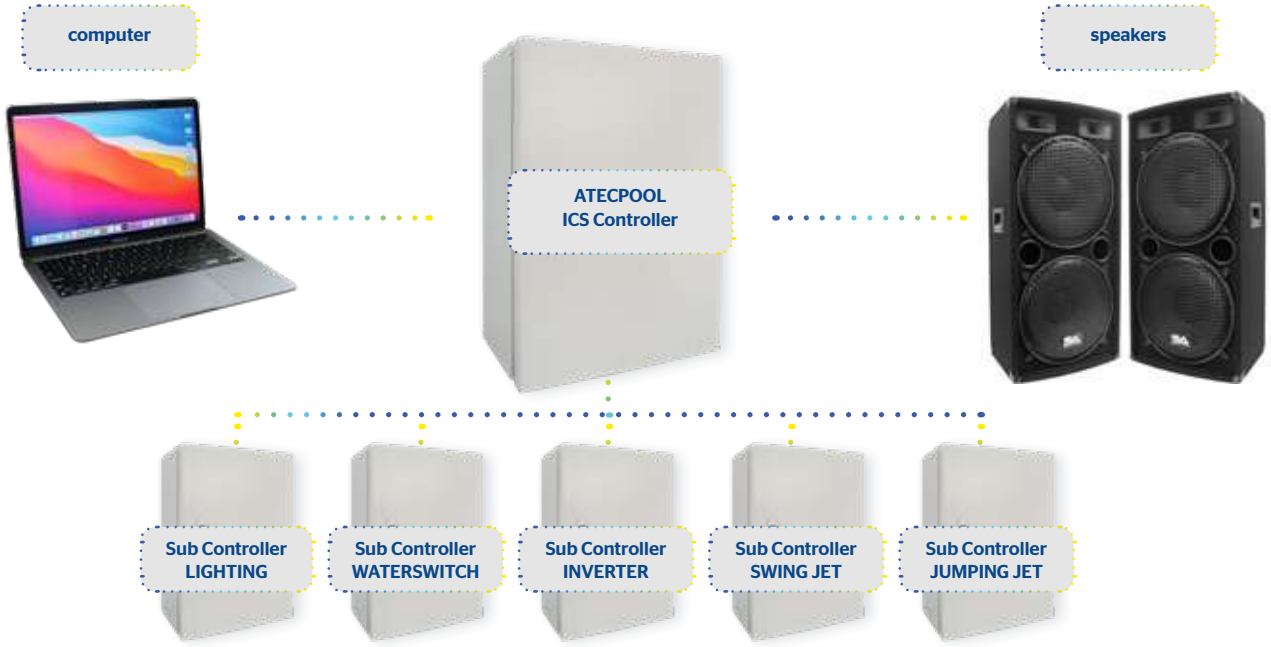




Controllable Submersible Pump

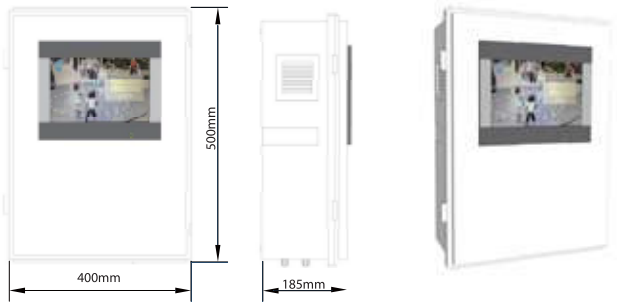
Characteristics	ACP80S	ACP150
Motor type	BLDC	BLDC
Control Signal	DMX	DMX
Q max	7000 l/h	13000 l/h
H max	5m	7m
Speed from 0% ~ 100%	0.6s	0.6s
Working Voltage	DC24V	DC24V
Max Immersion depth	1m	1m
Protection class	IP68	IP68
Max Power Input	80W	150W
Suction side connection	G1 1/2"	G2"
Outlet connection	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	1.5m RVV 3x0.5
Cable for DMX output	1.5m RVV 3x0.5	1.5m RVV 3x0.5
Cable for pump	3m H05RN-F 3x0.5	3m H05RN-F 3x0.5
Cable for power input	1.5m H05RN-F 2x0.75	1.5m H05RN-F 2x0.75

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 temperature	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 & 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 & monitor	Event actions: digital inputs can be linked with actions (water level) 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 & RDM







N:Nano 512 / N:Nano 1024 Music

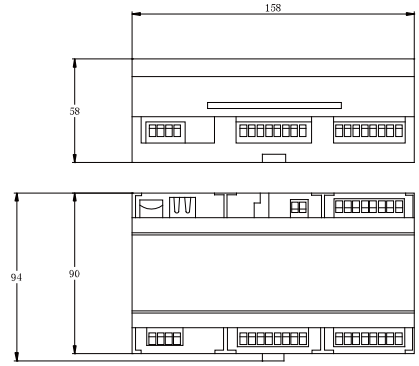
Atecpool rolls out its new DIN-rail fanless embedded systems with extra low power CPU chipset, the Nano 512 and Nano 1024 music. Compact unit supports wide temperature range and features DMX 512/1990 ports, isolated Ethernet port 10/100 Mbit, Micro SD card slot, 2x 16 LCD segment display.
Its 8 x digital 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

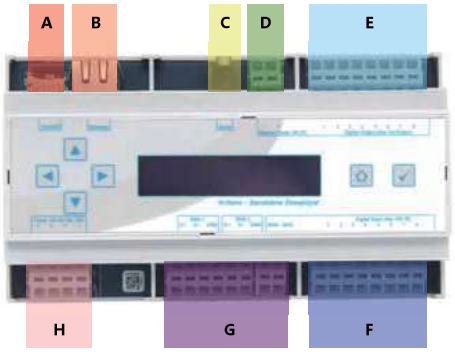
- Standalone Multimedia Showplayer.
- 512 1024 DMX output channels.
- Audio Output(N:Nano 1024 only).
- Time Schedule with internal clock.
- Show upload via MicroSD-Card or Ethernet.
- 8x Digital Input and 8x Digital Output.
- DIN-Rail mounting.
- Live-Panel functionality via Remote Software.
- Easy to use front panel setup.
- ArtNET Node functionality.

ATECPOOL DMX & 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) 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



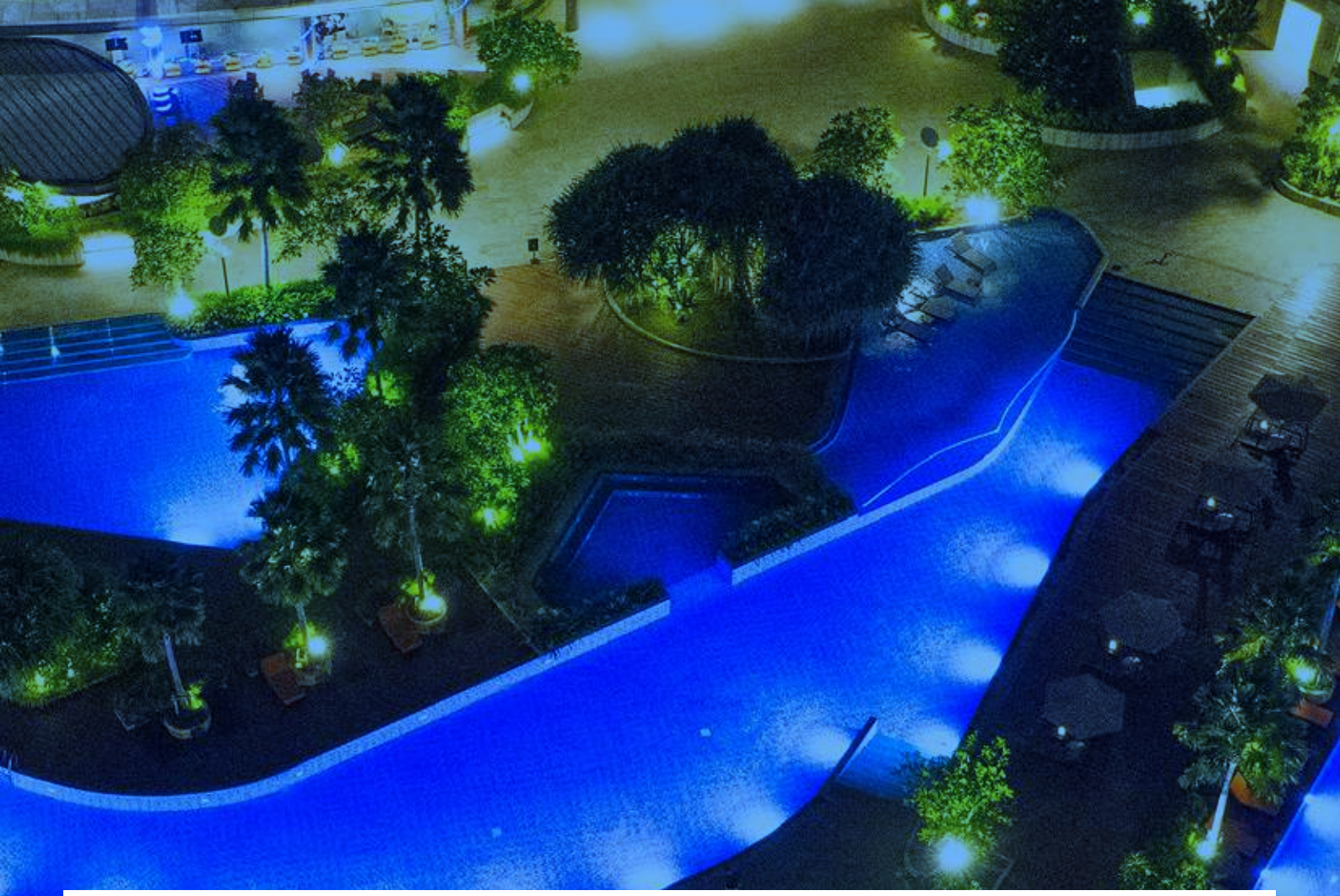
- A: Micro SD Card Slot (4GB included)
- B: Ethernet 10/100 Mbit-update shows, remote control
- C: Audio output 3.5 mm jack plug (only N:Nano 1024 Music)
- D: External power 24V DC
- E: 8xdigital output max 1A/output
- G: DMX512/1990 (N:Nano512 - 512 channel / N:Nano 1024 Music -1024 channel)
- H: Power input 15-24V DC, 8W



LANDSCAPE LIGHTING

ATECPOOL INTERNATIONAL GROUP

atecpool.com



ATECPOOL INTERNATIONAL GROUP

Landscape Lighting



Lighting up nature in the most natural way! this is what **ATECPOOL** does to your landscape. ATECPOOL provide wide range of LED lighting to suit various landscape architecture and construction, creating natural effect with energy efficient LED for a green planet. Advanced PMW technology and DMX controlled , from a single color change spot light to ultra large wall washers, ATECPOOL covers the entire range for landscaping professionals. The range covers LED in-ground lights, deck lights, wall lights, step lights, garden spot lights, flood lights, wall wash light, spike jets, bollard lights etc. We enjoy one roof solution for all your lighting requirement.

Landscape LED Lighting
In-Ground Series

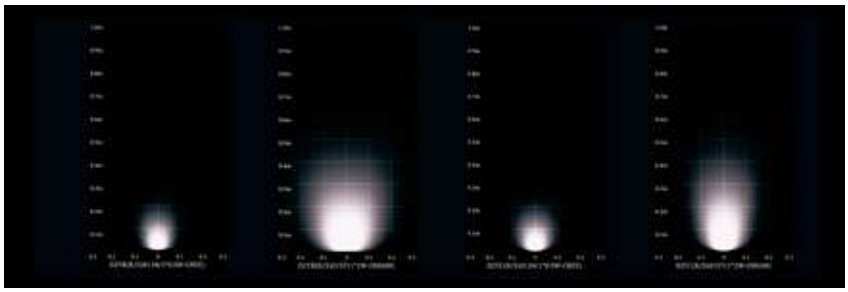
Specifications

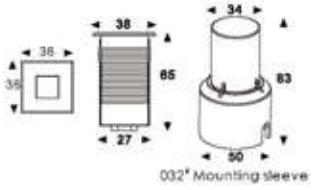
- Housing: 12# Die - casting grey powder coated aluminum. T = 60 - 80 Adhesion of ISO class 1/ASTM class 4B
- Front Cover Stainless steel SUS316
- Glass; Step tempered glass. T = 5 mm
- Cable gland: IP - 67 PG - 9 copper and nickle coated
- Gasket: Tooling shaped seal
- Weight loading capacity : Exert force area of dial 10 = 76kgs
- Operating temperature:- 20° C ~ 40° C
- Power cable :H05RN - F 2 X 1.0 mm2 L = 0.5m (low voltage) H05RN - F 2 X 1.0 mm2 L = 0.5m (high voltage)

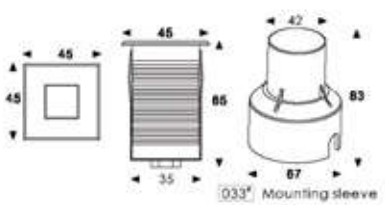


ATECPOOL Mini Size Led Inground Light









Product Code	LG014200 / LG014210	LG014220 / LG014230
Light Source	1X 0.5W CREE	1X 2W CREE
Degree (°)	120°	120°
Input Voltage (v)	24VDC	24VDC
Typical Operating current (mA)	34	110
Typical Consumption (W)	0.8	2.5
Typical Luminance (Lm)	Cool White = 11 / Warm White = 9.6	Cool White = 31 / Warm White = 9.6
IK Rate	06	10% - 90%

Product Code	LG014240 / LG014250	LG014260 / LG014270
Light Source	1X 0.5W CREE	1X 2W CREE
Degree (°)	120°	120°
Input Voltage (v)	24VDC	24VDC
Typical Operating current (mA)	34	110
Typical Consumption (W)	0.8	2.5
Typical Luminance (Lm)	Cool White = 11 / Warm White = 9.6	Cool White = 31 / Warm White = 9.6
IK Rate	06	10% - 90%

Landscape LED Lighting
In-Ground Series

Specifications

- Housing: 12# Die - casting grey powder coated. T = 60 - 80 um
- Adhesion of ISO class 1/ASTM class 4B
- Front Cover: 316# Stainless steel
- Glass:Step tempered glass. T = 8 mm
- Loading capacity: Exert force area of ¢10 = 660kgs, ¢30 = 1840kgs,
- Cable gland: IP - 68 PG - 9 copper an nickel coated
- Gasket: Molding shape silicone seal
- LED: Edison federal RGBW 4in LED
- Operating temperature:- 20° C ~ 40° C
- Power cable: RGBW 24DVC
  H05RN - F 6X0.75mm^2 L = 0.5m



ATECPOOL COB LED Inground Light

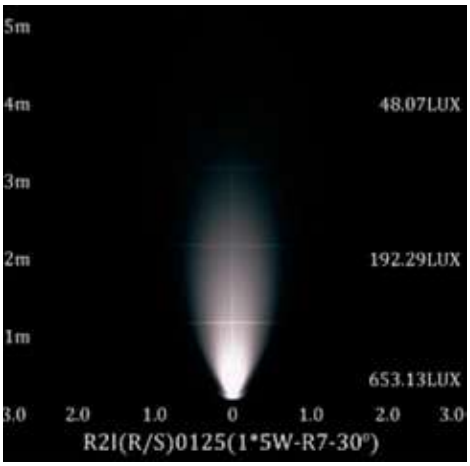


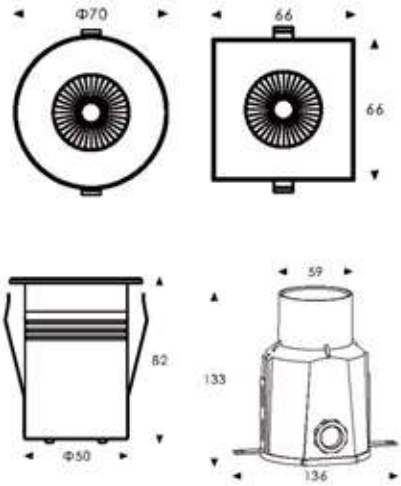
LG014320



LG014325







Product Code	LG014320	LG014325
Light Source	COB 1X5W	COB 1X5W
Degree (°)	30°	30°
Input Voltage (v)	24VDC 120/240	24VDC 120/240
Typical Operating current (mA)	24V = 270 120V = 88 240V = 50	24V = 270 120V = 88 240V = 50
Typical Consumption (W)	24V = 6.5 120V = 5.7 240V = 6.2	24V = 6.5 120V = 5.7 240V = 6.2
Typical Luminance (Lm)	Cool White = 300 Warm White = 60	Cool White = 300 Warm White = 60
IK Rate	08	08

Landscape LED Lighting
In-Ground Series

Specifications

- Housing: 12# Die - casting grey powder coated T = 60 - 80
- Adhesion of ISO class 1/ASTM class 4B
- Front Cover: Stainless steel SUS316 316# Stainless steel
- Glass: Step tempered glass. T = 8 mm
- Loading capacity: Exert force area of ¢10 = 660kgs, ¢30 = 1840kgs,
- Reflector: Optical lens, efficiency > 90%
- Cable Gland: IP - 68 PG - 9 PVC
- LED: Multi chip on board LED
- PCB: Excellent heat conductivity aluminum, coefficient of heat, conductivity > 90%
- Driver: Constant current output
- Operating temperature:- 20° C ~ 40° C
- Mounting sleeve: PVC



ATECPOOL COB LED Inground Light

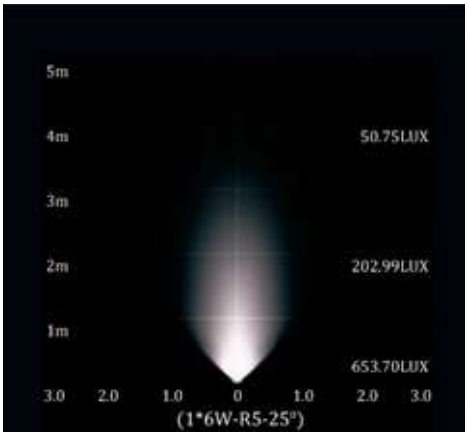


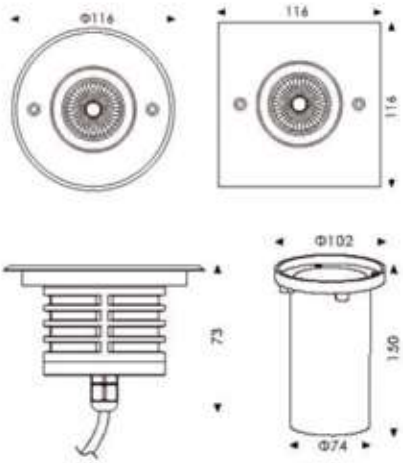
LG014327



LG014329







Product Code	LG014327	LG014329
Light Source	COB 1X6W	COB 1X6W
Degree (°)	25°	25°
Input Voltage (v)	24VDC 120/240	24VDC 120/240
Typical Operating current (mA)	24V = 337 120V = 110 240V = 60	24V = 337 120V = 110 240V = 60
Typical Consumption (W)	24V = 8 120V = 7.6 240V = 7.6	24V = 8 120V = 7.6 240V = 7.6
Typical Luminance (Lm)	Cool White = 350 Warm White = 300	Cool White = 350 Warm White = 300
IK Rate	09	09

Landscape LED Lighting
In-Ground Series

Specifications

- Housing: 12# Die - casting grey powder coated. T = 60 - 80 um
- Adhesion of ISO class 1/ASTM class 4B
- Front ring: 316# Stainless steel
- Loading capacity: >2000kg
- Gasket: Molding shaped double silicone seal
- Cable gland: IP - 68 PG - 9 PVC
- Operating temperature:- 20° C ~ 40° C
- Power cable: H05RN - F 2X0.75mm^2 L = 0.5m (low voltage) H05RN - F 3X0.75mm^2 L = 0.5m (high voltage)
- Mounting sleeve: PVC

ATECPOOL LED Roll Over Light





LG014321



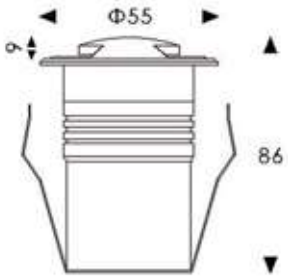


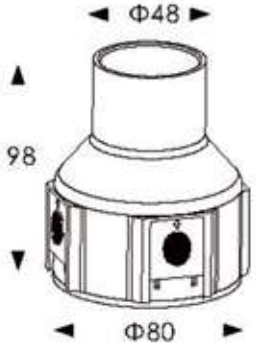
LG014323 LG014326





Product Code	LG014321	LG014323	LG014326
Light Source	2W	2W	2W
Input Voltage (v)	60V	60V	60V
Typical Operating current (mA)	24V = 110 120V = 48 240V = 28	24V = 110 120V = 48 240V = 28	24V = 110 120V = 48 240V = 28
Typical Consumption (W)	24V = 7.6 120V = 6.3 240V = 6.8	10	24V = 3.05 120V = 3.1 240V = 3.2
Operating Current (mA)	24VDC= 110 120/240	24VDC = 110 120 = 48	24V = 3.05 120V = 3.1 240 = 3.2





Landscape LED Lighting
In-Ground Series

Specifications

- Housing: 12# Die - casting grey powder coated. T = 60 - 80 um
- Adhesion of ISO class 1/ASTM class 4B
- Front ring: 316# Stainless steel
- Loading capacity: >2000kg
- Gasket: Molding shaped double silicone seal
- Cable gland: IP - 68 PG - 9 PVC
- Operating temperature:- 20° C ~ 40° C
- Power cable: H05RN - F 2X0.75mm^2 L = 0.5m (low voltage)
- H05RN - F 3X0.75mm^2 L = 0.5m (high voltage)
- Mounting sleeve: PVC

ATECPOOL LED Roll Over Light



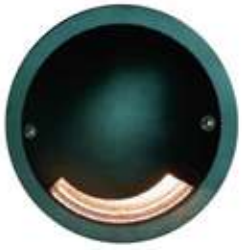
LG014317



LG014318



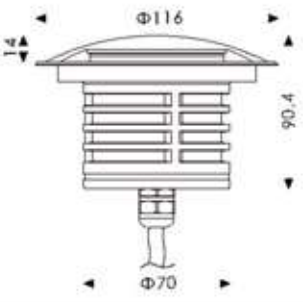
LG014319

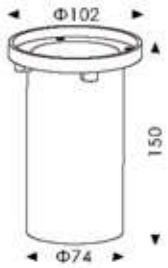






Product Code	LG014317	LG014318	LG014319
Light Source	SMD5603X6	SMD5603X6	SMD5603X6
Input Voltage (v)	60V	60V	60V
Typical Operating current (mA)	24V = 126 120V = 32 240V = 16	24V = 126 120V = 32 240V = 16	24V = 126 120V = 32 240V = 16
Typical Consumption (W)	24V = 3 120V = 3.8 240V = 3.8	24V = 3 120V = 3.8 240V = 3.8	24V = 3 120V = 3.8 240V = 3.8
Operating Current (mA)	24VDC 120/240	24VDC 120/240	24VDC 120/240





015° Mounting sleeve

Landscape LED Lighting
In-Ground Series

Specifications

- Housing: 12# Die - casting grey powder coated. T = 60 - 80 um
- Adhesion of ISO class 1/ASTM class 4B
- Front Cover: Stainless steel SUS316
- Glass: Step tempered glass. T = 8 mm
- Loading capacity: Exert force area of dia10=2229kgs
- Gasket: Molding shaped double silicone seal
- LED: Cree LED
- Operating temperature:- 20° C ~ 40° C
- Power cable: H05RN-F 2X0.75mm2 L=0.5m (low voltage)
  H05RN-F 3X0.75mm2 L=0.5m (high voltage)
  H05RN-F 4X0.75mm2 L=0.5m (for RGB)
- Mounting sleeve: PVC

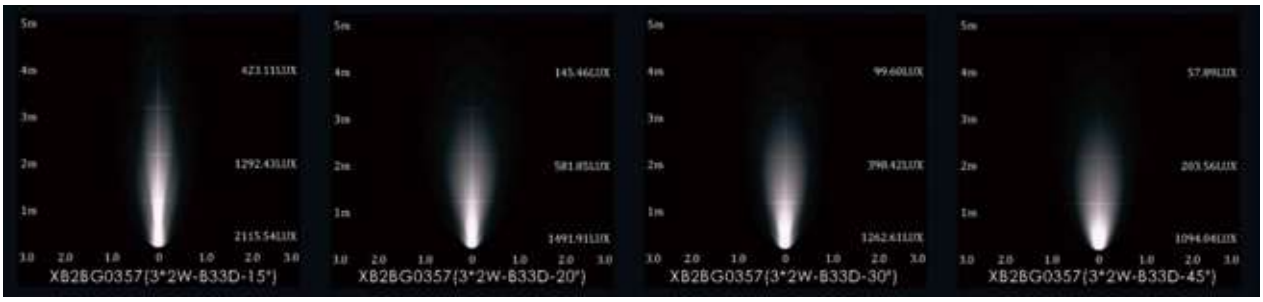
COB LED Beam Angle Adjustable Inground Light

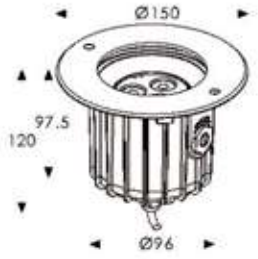


LG015310/15/20



LG015325/30/35







Product Code	LG015310	LG015315	LG015320	LG015325	LG015330	LG015335
Light Source	3X2W	3X2W	3x2W RGBW	1X6W	1X6W	1X6W RGBW
Degree (°)	10° 15° 25° 30° 60°	10° 15° 25° 30° 60°	10° 15° 25° 30° 60°	15° 20° 30°	15° 20° 30°	15° 20° 30°
Input Voltage (v)	24V=541 240V=122.5	24VDC	24VDC	24VDC 120 / 240 VAC	24VDC	24VDC
Typical Operating current (mA)	24V=105 240V=33 120V=29	R=70 G=124 B=124	610	24V=337 240V=62	R=221 G=257 B=253	610
Typical Consumption (W)	24V=2.5 240V=3.4	17.5	17.5	24V=8 240V=7.6	17.5	17.5
Typical Luminance (Lm)	Cool White = 77 Warm White = 65	R=48 G=79 B=20	R=48 G=79 B=20	Cool white=350 Warm white=300	R=124 G=312 B=71	R=52 G=32 B=51 W=82
IK Rate	08	08	08	08	08	08

Landscape LED Lighting
In-Ground Series

Specifications

- Housing: Housing : 12# die-casting grey powder coated T=60-80umAdhesion of ISO class 1/ASTM class 4B
- Front cover: Stainless steel SUS316
- Glass: Step tempered glass T=8mm
- LED: CREE XP-E LED
- Lens: optical lens, efficiency ≥85%
- Loading capacity: Exert force area of dia10=660kgs dia30=1840kgs
- Gasket: Molding shaped double silicone seal
- Cable gland: IP-68 PG-9 PVC
- Operating temperature: -20C°C-40°C
- Power cable: H05RN-F 2X0.75mm2 L=0.5m (low voltage)
  H05RN-F 3X0.75mm2 L=0.5m (high voltage)
  H05RN-F 4X0.75mm2 L=0.5m (for RGB)
- Mounting sleeve: pvc



ATECPOOL Power LED Inground Light

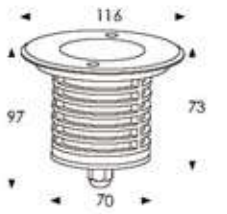


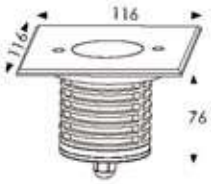
LG015340/42



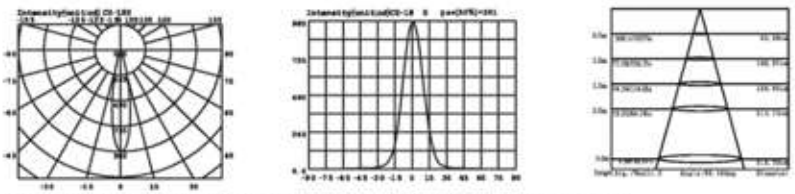
LG015344/46

Product Code	LG015340	LG015342	LG015344	LG015346
Light Source	3X3W	3X3W RGB	3X3W	3X3W RGB
Degree (°)	30°	30°	45° Asymmetrical	45° Asymmetrical
Input Voltage (v)	24VDC 120 / 240 VAC	24VDC	24VDC 120 / 240 VAC	24VDC
Typical Operating current (mA)	24V=280 240V=112 120V=62	R=70 G=124 B=124	24V=280 240V=112 120V=62	R=70 G=124 B=124
Typical Consumption (W)	24V=6.7 120V=7 240V=7.6	7.7	24V=6.7 120V=7 240V=7.6	7.7
Typical Luminance (Lm)	Cool White = 347 Warm White = 300	R=70 G=124 B=124	Cool White = 347 Warm White = 300	R=48 G=79 B=20
IK Rate	09	09	09	09

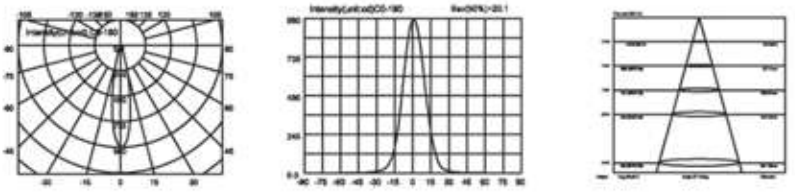








Graphical Representation for XC-C2CD0302 Warm white light



Landscape LED Lighting
In-Ground Series

Specifications

- Housing: 12# Die - casting grey powder coated. T = 60 - 80 um
- Adhesion of ISO class 1/ASTM class 4B
- Front Cover: Stainless steel SUS316
- Glass: Step tempered glass. T = 8 mm
- LED: CREE XP - E LED
- Lens: Optical lens, efficiency >85%
- Loading capacity: Exert force area of dia10 = 660kgs dia30 = 1840kgs
- Gasket: Molding shaped double silicone seal
- Cable gland: IP - 68 PG-9 PVC
- Operating temperature: -20° C -40° C
- Power cable: H05RN-F 2X0.75mm2 L=0.5m (low voltage)
  H05RN-F 3X0.75mm2 L=0.5m (high voltage)
  H05RN-F 4X0.75mm2 L=0.5m (for RGB)
- Mounting sleeve: PVC



ATECPOOL Power LED Inground Light

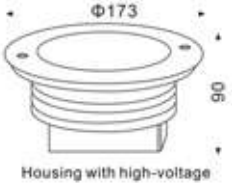


LG015510/13

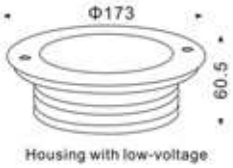


LG015516/19

Product Code	LG015510	LG015513	LG015516	LG015519
Light Source	6X3W	6x3W RGB	6x3W	6x3W RGB
Degree (°)	30°	30°	45° Asymmetrical	45° Asymmetrical
Input Voltage (v)	24VDC 120/240	24VDC	24VDC 120/240	24VDC
Typical Operating current (mA)	24V=535 120V=111 240V=64	R=200 G=250 B=250	24V=535 120V=111 240V=64	R=200 G=250 B=250
Typical Consumption (W)	24V=12.8 120V=13.1 240V=13.7	16.5	24V=12.8 120V=13.1 240V=13.7	16.5
Typical Luminance (Lm)	Cool White = 528 Warm White = 455	R=100 G=155 B=45	Cool White = 590 Warm White = 510	R=100 G=155 B=45
IK Rate	09	09	09	09



Housing with high-voltage



Housing with low-voltage



Mounting sleeve

Landscape LED Lighting
In-Ground Series

Specifications

- Housing: Housing : 12# die-casting grey powder coated T=60-80umAdhesion of ISO class 1/ASTM class 4B
- Front cover: Stainless steel SUS316
- Glass: Step tempered glass T=8mm
- LED: CREE XP-E LED
- Lens: optical lens, efficiency ≥85%
- Loading capacity: Exert force area of dia10=660kgs dia30=1840kgs
- Gasket: Molding shaped double silicone seal
- Cable gland: IP-68 PG-9 PVC
- Operating temperature: -20C°C-40°C
- Power cable: H05RN-F 2X0.75mm2 L=0.5m (low voltage)
  H05RN-F 3X0.75mm2 L=0.5m (high voltage)
  H05RN-F 4X0.75mm2 L=0.5m (for RGB)
- Mounting sleeve: pvc



ATECPOOL Power LED Inground Light



LG015536/39



LG015545/47

Product Code	LG015536	LG015539	LG015545	LG015547
Light Source	12X3W	12X3W RGB 3in1	12X3W	12X3W RGB 3in1
Degree (°)	25°	25°	45° Asymmetrical	45° Asymmetrical
Input Voltage (v)	24VDC 120/240	24VDC	24VDC 120/240	24VDC
Typical Operating current (mA)	24V=600 120V=209 240V=125	R=220 G=300 B=300	24V=535 120V=111 240V=64	R=200 G=250 B=250
Typical Consumption (W)	24V=14.4 120V=16 240V=16.5	19	24V=14.4 120V=16 240V=16.5	19
Typical Luminance (Lm)	Cool White = 930 Warm White = 886	R=62 G=134 B=24	Cool White = 930 Warm White = 886	R=62 G=134 B=24
IK Rate	09	09	09	09





Landscape LED Lighting
In-Ground Series

Specifications

- Housing: Housing : 12# die-casting grey powder coated T=25-25um Adhesion of ISO class 1/ASTM class 4B - light temperature painting
- Light source: Emitter type power LED
- Driver: Low & High Input - Voltage Driver Inside
- LED: CREE XP-E LED
- Operating temperature: -20C°C-40°C
- Power cable: H05RN-F 2X0.75mm2 L=0.5m (low voltage) H05RN-F 3X0.75mm2 L=0.5m (high voltage)
- Mounting sleeve: pvc



ATECPOOL Recessed LED Stair Light & Wall Light

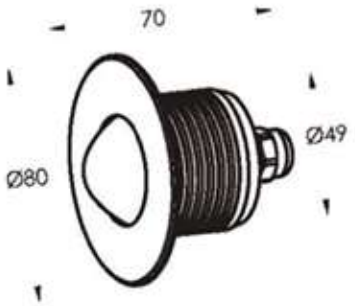


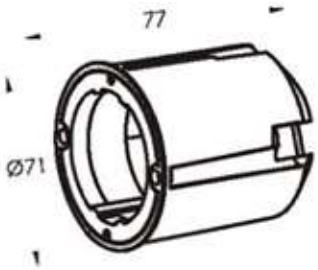
LG015510



LG015515

Product Code	LS80W	LS8RW
Light Source	1X3W	1X3W RGB 3in1
Degree (°)	120°	120°
Input Voltage (v)	24VDC 120/240/AC	24VDC
Typical Operating current (mA)	24V=110 120V=48 240V=28	R=38 G=53 B=54
Typical Consumption (W)	24V=2.6 120V=3.3 240V=3.3	3.5
Typical Luminance (Lm)	Cool White = 31 Warm White = 27	R=15 G=26 B=5
IK Rate	09	09







CLEANING EQUIPMENT

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

Cleaning Equipment



Ultimate Cleaning Solutions

ATECPOOL Cleaning Solutions offers the complete range of accessories you need for maintaining your swimming pool and spas under approved quality standards.

It is always challenging undertaking cleaning and the perfect maintenance of domestic and public swimming pools. **ATECPOOL** introduce premium range of cleaning accessories under Cleanstar, a reliable and durable maintenance kit for your pool and spas.

Our technologies can turn your experience into an extremely rewarding one, by adding quality and safety with a low maintenance routine, giving you and your family quality moments.

Atecpool Pool Robot
i-PoolRacer

i-PoolRacer
The i-PoolRacer robotic pool cleaner by Atecpool is an ideal solution of money saving and hassle free cleaning for your pools. It's suitable for floor, wall and waterline cleaning pool of all shapes.

Pool Robot S200i



09S200i

Features
- 2-motor model that can clean the pool floor, wall and waterline
- Designed for both above-ground and in-ground pools of all shapes and materials up to 130 m²
- It is equipped with 2 large-volume filter basket and can be taken out from the top maintained easily
- Equipped with a convenient central box where users can choose 3 working cycles according to the level of debris in pools





Code	Description
09S200i	i-PoolRacer Robotic Pool Cleaner 150W



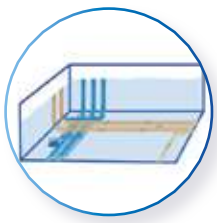
	Specification
Input Voltage	110 V or 220 V
Input frequency	50 Hz or 60 Hz
Output voltage	DC 28 V
Power	150 W
Cable	15 m
Max Cleaning Area	130 m²
Flow rate	16 m³ / h
Filter density	180 m
Running speed	10 m / min
Working cycle	1 / 2 / 3 h
Max. pool depth	2 m
Net weight	10.5 kg
Gross weight	14 kg
Packaging size	66x48x31.5 cm

Control box
3 working cycles:

1 / 2 / 3h



3D gyroscope navigation



Patented cleaning route design



Intelligent Remote Control

Pool Robot
i-PoolRaptor

i-PoolRaptor

Atecpool i-PoolRaptor is a 2-motor model able to clean the pool floor, wall and waterline.

Designed for both above-ground and in-ground pools of all shapes and materials (tile, liner, polyester, concrete, etc) up to 200m^2. Equipped with 2 large-volume filter baskets that can be taken out from the top and maintained easily. Equipped with a convenient control box where users can choose 3 working cycles according to the level of debris in the pool. Can be equipped with a shining LED bar around the body (09S300iL), by which the robot will illuminate the pool at night offering a pleasant environment.



09S300i



09S300iL



Top access to filter baskets



2 large volume filter baskets



Optional remote control



Optional caddy

09S300i / 09S300iL	Specification
Input Voltage	110 V or 220 V
Input frequency	50 Hz or 60 Hz
Output voltage	DC 20 V
Power	200 W
Cable	18 m
Max Cleaning Area	200 m²
Flow rate	20 m³ / h
Filter density	180 pm
Running speed	12.5 m / min
Working cycle	2 / 3 / 4 h
Max. pool depth	2 m
Net weight	16 kg
Gross weight	20 kg
Packaging size	76x54x31.5 cm

Code	Description
09S300i	i-PoolRaptor Robotic Pool Cleaner 200W



Control box
3 working cycles:

2 / 3 / 4h

Electric Pool Cleaners
Rechargeable Handheld Pool Vacuum

Rechargeable Handheld Pool Cleaner

The **Atecpool Hiker Pro** electric vacuum cleaner works underwater with a powerful suction that quickly and efficiently eliminates sand, gravel and other debris from the bottom of a pool or spa. Its rechargeable battery pack powers a vacuum pump to create suction without using hoses or electrical cords. It operates both as a handheld device or attaches to a long extension pole (not included). Installation is simple, with no tools required, allowing users to clean their pool quickly and efficiently with minimum effort.



CS50CBX

Features

- Rechargeable battery pack.
- Small valve allows filltered water to easily flow out of cleaner when pulled out of water.
- Debris is collected in an easy to empty rigid filter cone.
- Hold by handle or connect to a long extension pole (not included)
- Removable bristles are positioned on head for an efficient removal of debris.
- Recommended for: Medium pools & spas.
- Flow rate: 39ltr / min

Attributes

- Handheld with a long extension pole
- Starts with one button
- Powered by a rechargeable battery
- Ideal for all kind of pools, from large pools to small spas and hot tubs
- Equipped with a removable brush head ideal to scrub floor, wall and corners of the pool

Code	Description	Weight (kg)
CS50CBX	Rechargeable Pool Vacuum	8

60 Min

2500mAh

CS50CBX	Specification
Voltage	12.6 V
Power	30 W
Battery capacity	2500 mAh
Battery life	60 min
Charging time	3 - 4 h
Flow rate	39 ltr/min
Filter density	250 pm
Container capacity	0.8 L
Max. pool depth	2 m
Net weight	2 kg
Gross weight	4 kg
Package size	50x25x20 cm



Easy start button



Large suction door and scrubing brushes



Removable brush head

Included

- 1 Pool Cleaner
- 1 Battery charger
- 1 filter cone with S.S. mesh
- 1 pole connector
- 1 handle
- 1 pivoting head w/ wheels
- 3 clip-in brushes



Extension pale

Cleaning Accessories
Vacuum Heads

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)	(m^3)
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)	(m^3)
CS3934	35cm / 14" CS Aluminium Vacuum Head	2.0	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)	(m^3)
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)	(m^3)
CS902	35cm / 14" CS Flexible Vacuum Head	1.2	0.008



CS894

Cleanstar Flexible Vacuum Head 48 cm / 19"

Code	Description	Weight	Volume
		(kg)	(m^3)
CS894	48cm / 19" CS Flexible Vacuum Head	1.6	0.008

Cleaning Accessories
Vacuum Heads and Handles



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)	(m^3)
00510927	Triangular Vacuum Head	1.0	0.008



005109125

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)	(m^3)
005109125	Flexo 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)	(m^3)
00500010	35cm / 14" Aluminium Vacuum Head	2.0	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)	(m^3)
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)	(m^3)
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

Cleaning Accessories
Brushes and Leaf Rakes



Cleanstar Wall Brush Curved Metal Back

With long-lasting nylon bristles. Gold anodized aluminum handles.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS494	45cm / 18" CS Metal Back Wall Brushes	0.6	0.008
CS495	60cm / 24" CS Metal Back Wall Brushes	1.0	0.008
CS496	90cm / 36" CS Metal Back Wall Brushes	1.2	0.008



Wall Brush Curved

Curved brush 45 cm Clip type. Nylon bristles.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510930	45 cm Wall Brush Curved	0.3	0.008



Wall Brush Straight

Straight brush 26 cm Clip type. Nylon bristles.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510932	26cm Wall Brush Straight	0.2	0.008



Algae Brush S.S. Bristles

Algae model brush 26 cm. Stainless Steel bristles. Clip type.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510933	26cm Algae Brush SS Bristles	0.2	0.008



Cleanstar Deep Leaf Rake Aluminium

Heavy gauge aluminium frame and handle. Heavy-duty nylon net.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS160	CS Deep Leaf Rake	0.4	0.008



Cleanstar Surface Leaf Skimmer Aluminium

Heavy gauge aluminium frame and handle. Heavy-duty nylon net.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS161	CS Surface Leaf Skimmer	0.3	0.008

Cleaning Accessories
Floating Hose & Test Kit



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

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



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	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



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

Cleaning Accessories
Digital Test Kit

Lovibond Scuba II Digital Test Kit



Specifications

- 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



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. 0ºC - 50ºC 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



POOL COVERS

ATECPOOL INTERNATIONAL GROUP

atecpool.com

ATECPOOL INTERNATIONAL GROUP

Safety Pool Covers



At **ATECPOOL** we believe that a backyard with a beautiful pool is like a sanctuary; it's a place to play, entertain, exercise and rejuvenate. It's part of a lifestyle that can't be beaten, with elegant poolside soirees and unforgettable barbecues and birthday parties. An automatic pool cover allows you to protect this sanctuary, along with those you care most about.

KIDS SAFETY

Safety Pool Covers
Manual





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.



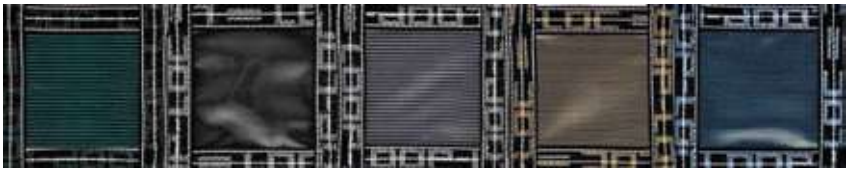
Before

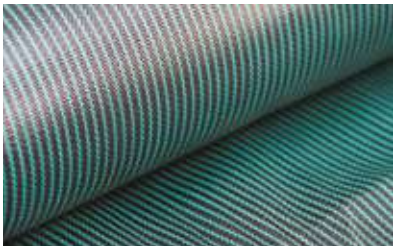


After



Complement your outdoor decor - Choose your colour





Safety Pool Covers
Manual

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.

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).

Standard Springs

302/304 stainless steel, two draw-bar compression type with thick vinyl tubular deck-protective covers. For residential applications.

Finished Cover

To have sections approximately 3" x 3". (For residential rectanglular 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.

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.

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..

Warranty

Safety cover will have a 15-year pro-rata warranty.

Atecpool Pool Covers
Swimming Pool Enclosure-Retractable

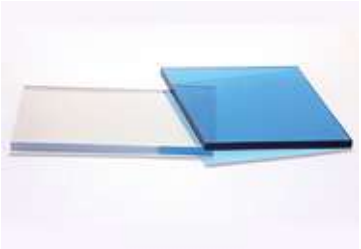




Pool Covers - Swimming Pool Enclosure Retractable Model

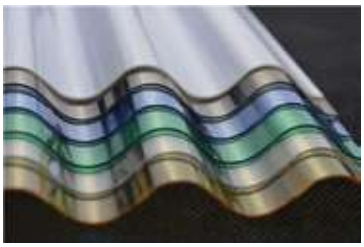
Protect your family and your swimming pool.

Material - Panel material: 3mm thick Polycarbonate solid sheets



Light transmittance:
The light transmittance rates up to 85%-91%, and its transparency can be comparable with glass.

High impact resistance:
The impact strength of polycarbonate board is 250-300 times as common glass, is 2 times as toughened glass. It can withstand a falling hammer with 3kg from two meters above the polycarbonate without crack. The polycarbonate enjoy the reputation of “safety glass” and “ring steel”. So, it greatly reduce the maintenance cost and liability risk comparing with other glazing materials.



Anti- UV protection:
We add anti-UV coatings on the surface of sheets, and it can protect your skin from UV exposure.

Frame Material:
Extruded aluminium alloy 6064 in 2 mm thickness with high wind pressure resistance. Commonly used as window or door frames. Aluminium is anodized and oxidized on the surface with a protective coating against corrosive media like salt, salt mist, corrosive glass etc. Aluminum is highly corrosion resistant in seawater, the corrosion rate less than 0.018mm/Y in sea water.



Tracks for retracting

Tracks will be fixed on flat hard ground.
Width of each side track is about 162.5 mm [(outer width 3905mm - inner width3580mm) / 2=162.5mm]
Extended tracks on request.



Atecpool Pool Covers
Swimming Pool Enclosure-Retractable

Front Door

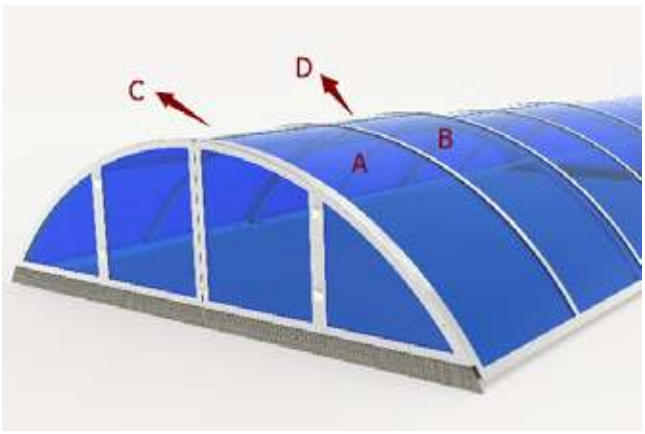
Standard pool cover has a front pulling door as the picture showed. It is possible to add a side sliding door by request.

Usually the front door will be located at biggest section, but it is possible to add a front door to the smallest section if requested.



Side sliding Door



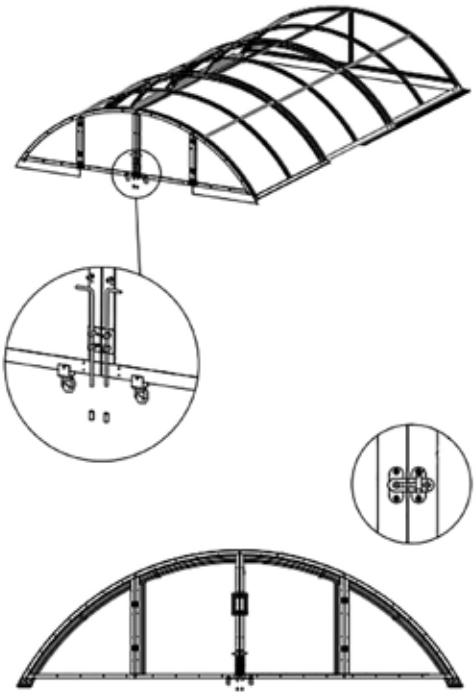


The side sliding door can be located at the A, B, C or D panel as shown below.

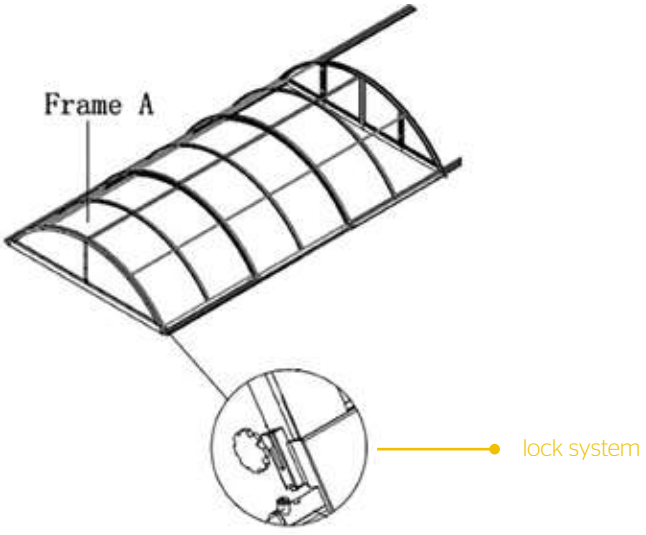
Lock System

There is a lock system in the front door and lock systems between sections. Both locking systems keep the cover well stabilized against wind or break through by kids.

Front Door Lock System



Each Section Lock System



Atecpool Pool Covers
Swimming Pool Enclosure-Retractable

Atecpool Pool Enclosures Models

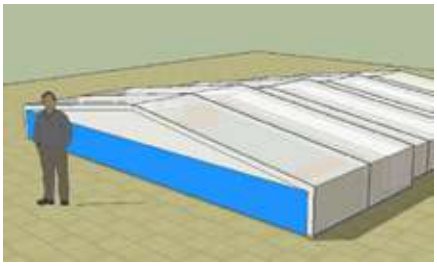
Taylor made size to suit your requirement according to pool dimensions, please contact our sales staff for more details.

Model 1 - The Classic





Model 2 - Low Roof Type

Model 3 - High Roof Type I





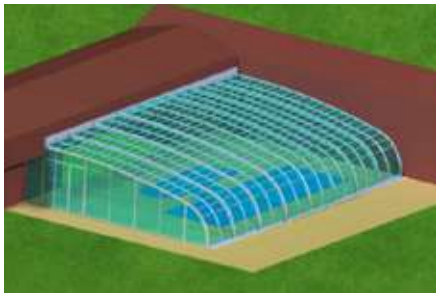
Model 4 - High Roof Type II





Model 5 - Adaptative Type





Covrex Pool Covers
Classic Slats



Covrex Classic Slats - Super resistant protection

Protect your family and your swimming pool.

Covrex pool covers have undergone an extensive series of tests including: Thermal coefficient of expansion testing; Elasticity (rip/tear) testing; and UV testing using xenon gas and other substances. For optimal strength and durability, we use a co-extrusion process of 3 different PVCs in the manufacturing of our pool cover slats.

Covrex Pool Cover Specifications

- Best insulating pool cover with a U-value of only 0.12.
- High durability of the insulating slats.
- High resistance: Patented foam-filled resists: hail, frost and difference of temperatures.
- Drive system made of SS316L
- Easy to clean, no algae growth or dirt build-up
- Security cover system
- Covers can be fashioned to adopt any free form swimming pool shapes



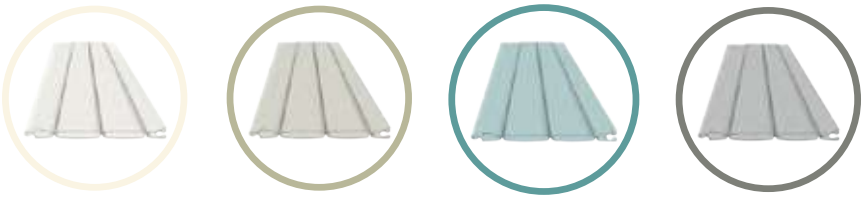








Complement your outdoor décor - Choose your colour



Covrex Pool Covers
Classic Slats

Covrex Classic roll-up diameters





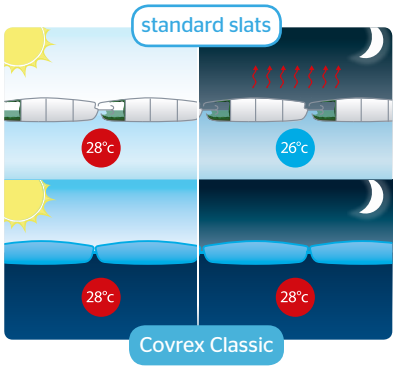




Cover length	Diameter on a 114 mm axle	Diameter on a 141 mm axle
(m)	(mm)	(mm)
0 (base)	114	141
3	270	280
8	375	420
10	425	465
12	465	500
14	505	535
16	535	560
18	575	585
20	600	620
25	-	700

Insulation

The Covrex Classic foam filled slats keep the water temperature stable. They offer an incredible insulation coefficient of 0,0821 W/(mk). The Covrex Classic pool cover enables you to enjoy your pool for a longer time period and to minimise the heat loss during the nights and during cooler days.



Resistance to heavy weather conditions and hail

More than 5 years of research have led to an amazing technology that offers a strong resistance to extreme weather conditions all year long. Compared to traditional covers that are often damaged by frost, hail and storms, the Covrex® Classic covers are fully resistant to these extreme conditions. Hail or frost damage to the functionality is even covered by the warranty!

Furthermore, thanks to the materials used, Covrex® Classic pool covers can resist extreme wintertime temperatures and keep their flexibility, even down to -20°C. This gives pool owners the opportunity to leave their Covrex® cover on the pool during winter without having to add extra protection or lower the water level. There's no need for a winter canvas or bubble cover.

On the other hand, with high temperatures causing traditional pool covers to warp, the Covrex® Classic covers preserve their original shape even up to 70°C. Covrex® covers can be left in the sun without being damaged.

During autumn when dead leaves fall onto the pool cover, Covrex® maintains the quality of your pool water thanks to its flexible connection without leaving any space between the slats preventing dirt and dust to reach the water.



Covrex Pool Covers
Classic Slats

Safety cover

One of Covrex®'s main objectives is maximum safety. Therefore we developed our pool covers based on the French safety standard NF P90-308 concerning pool covers. We fully comply to this standard and exceed it even 7 times on some points. This way our Covrex® pool covers ensure a perfectly safe pool for children and for adults.

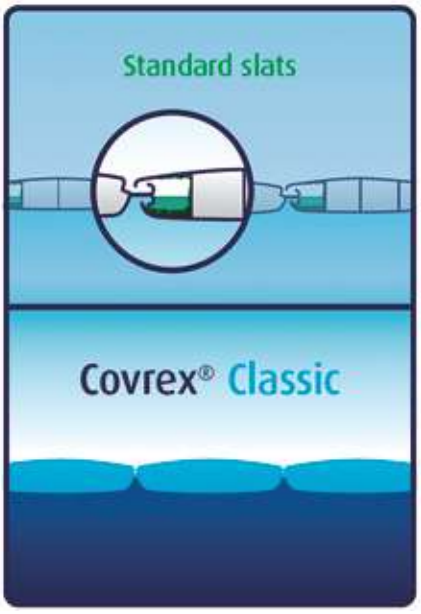
You can also equip your pool with safety hooks which increase its safety even more : with this option several adults can walk on the cover without any risk that the cover will tear or break. Hand rails along the pool walls are also available.

Some pool types have a safety ledge all around the pools for increased safety.

Anti-algae slats, easy maintenance

The foam filled Covrex® Classic slats are coextruded in one piece with a flexible connection instead of a traditional hinge. Consequently, dirt and algae can't enter into the hollow compartments. Their smooth surface prevents algae to stick to the slats. This leads to the big advantage of an easy maintenance cover: it can even be cleaned with a pressure washer.

The flexible PU joint is extremely resistant (also in the long run). This has been confirmed by laboratory.



Aesthetics

The Covrex® Classic pool covers are the only ones with foam filled slats, offering an incredible resistance and a perfect finishing, even for curves. For pools with a special form the pool builder is able to cut the slats to the right shape on site. This allows your cover to follow the curves of your pool perfectly.

Thanks to Covrex® Pool Protection, a traditional cover with a stepped form is now a thing of the past.



Round shaped Covrex® Classic Slats



Hollow slats with endcaps

Covrex Pool Covers
Classic Slats

Three Drive Systems

- Top mounted system.
- Terrace System.
- Underwater System.



Top Mounted System

This model has the advantage of having a casing around the technical part, which can also be used as a bench or lounger. The Covrex® casing is a composite material called Relazzo (wood look), or you can choose another type of wood to match the surroundings of your pool. As well as the standard top mount system, this system can be installed on existing pools or on pools under construction.

Terrace System

This type of drive system is the ideal solution for newly built pools but also for a renovation The stainless steel structure is fitted with a skimmer tray to skim along the whole width of the pool and have a high water line almost up to the coping stones. This gives your pool a magnificent look. It also has the advantage that there's no need for traditional skimmers, which can sometimes be noisy and unsightly.





Underwater System

In this case the pool cover is installed on the bottom of the pool. The cover is hidden by an underwater housing. This system is ideal for existing pools because it doesn't need a cover pit. The swimming surface remains unchanged. The housing is made in fibreglass and is available in 3 standard colours (light blue, white and light grey), but on demand, it can be produced any RAL colour. This means you could order your housing in the colour of your pool to match with the surroundings.

Thermic characteristics

Temperatures: min. -20ºC and max. +70ºC

When operating the cover, it should always be free from snow and ice. If there is a large difference in temperature between the air and the pool water, it is possible that the slats will bent slightly on the outsides. This is only a minimal effect and of short duration and it will vanish completely once the difference disappears.

Maintenance

- In order to maintain the good quality of your cover, it is important to clean it on a regular basis. If you do this with a high pressure cleaner (max. 60°C, minimum distance of the jet-pipe is 500mm), we advise to also use a cleaning product for pool covers.
- Before using the cover, all the leafs, branches and other windfall should be removed from the cover.
- It is forbidden to use sharp or coarse materials or tools to clean the cover.
- We advise to use an anti-lime product in the water. This reduces the lime deposits significantly.

Notes

Notes

Atecpool™ Brand
Mission, Vision and Quality Policy

Vision:

ATECPOOL, inspired by water, is set to lead the swimming pool industry by positioning as the number one pool brand in the world.

Mission:

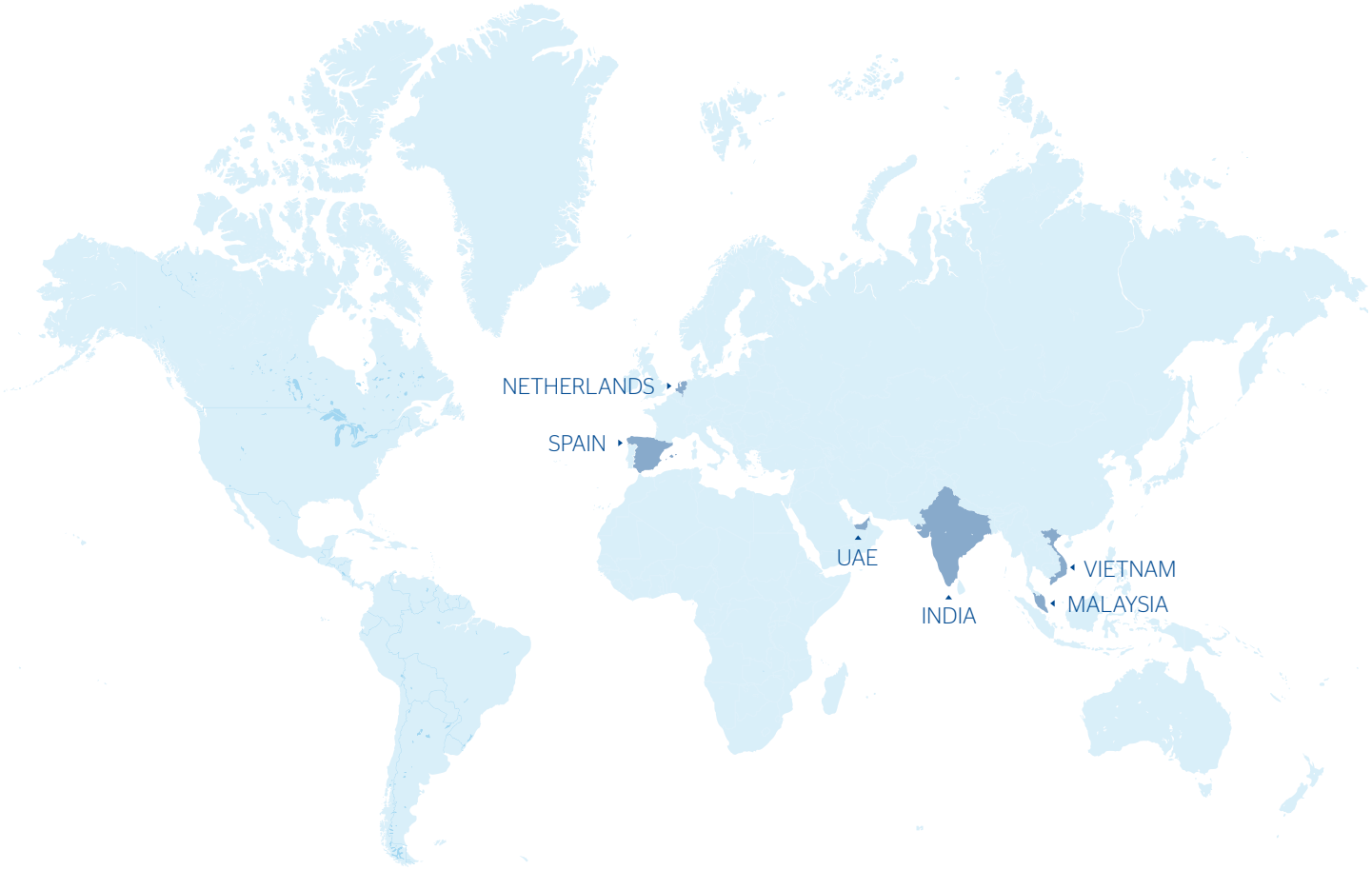
To deliver high quality products and services at competitive prices. We will ensure longevity through the loyalty of our customers, won by our dedication to timeliness, attention to detail and the highest levels of professionalism, integrity and honesty.

Quality Policy:

ATECPOOL 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.

ISO 9001: 2015

Atecpool™ Brand
Atecpool International Group



Inspired by water

ATECPOOL INTERNATIONAL GROUP

Our branches around the world:

ATECPOOL INTERNACIONAL ESPAÑA

ATECPOOL INTERNATIONAL UAE

ATECPOOL INTERNATIONAL NETHERLANDS

ATECPOOL INTERNATIONAL INDIA

ATECPOOL INTERNATIONAL VIETNAM

ATECPOOL INTERNATIONAL MALAYSIA



Printed in UAE ©2021 // Cover & Graphic Desing: ©Juan Cruz Barrionuevo

atecpool.com

Inspired by Water

Our branches around the world:

ATECPOOL INTERNACIONAL ESPAÑA

Head Office
Spain

World Trade Center
2° Planta - Muelle de Barcelona
E-08039 Barcelona, Spain
Tel. +34 93 344 3358
Email: info@atecpool.com

A-TECHNOLOGIES FZCO

United Arab
Emirates

Jebel Ali Free Zone
P.O. Box: 18400 Dubai
United Arab Emirates
Tel. +971 4 8860880
Email: info@atecpoolme.com

ATECPOOL NETHERLANDS

The Netherlands

Looskade 20 - 6041
LE Roermond - The Netherlands
Tel. +31 475 799 408
E-mail: info@atecpool.com

ATECPOOL INDIA

India

613-A, 6th Floor Ansal Chamber - II
Bhikaji Came Place, New Delhi
110066, India
Tel. +91 11 26195948
Email: info@atecpool.in