



21/22

ATECPool INTERNATIONAL GROUP

PRODUCT CATALOGUE

2021 / 2022

Inspired by water



Product Catalogue
2021/2022



A global brand with global
responsibility



ISO 9001:2015



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

ATECPPOOL 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 **ATECPPOOL™** 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 **ATECPPOOL™** and manufactured at factories in Europe, U.K and U.S.A. **ATECPPOOL™** 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 **ATECPPOOL™** – we offer the best! Our products are found in 24 different countries worldwide.

Our Main Branches



Atecpool Internacional
España



Atecpool Netherlands



Atecpool International
Group

Experience the tomorrow, today

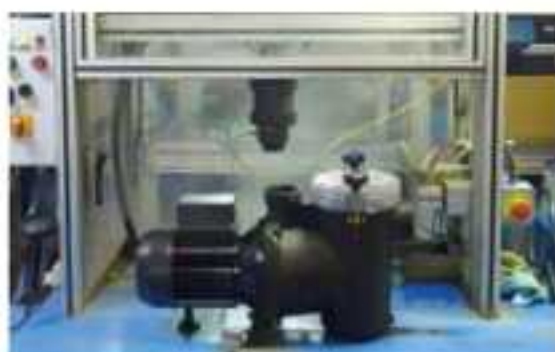
Our Commitment

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.

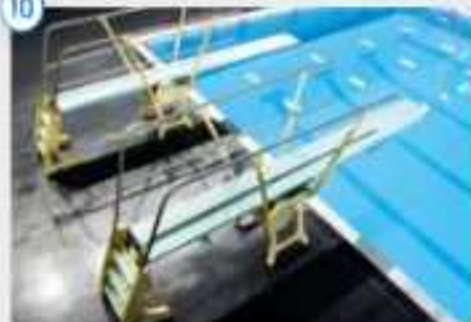
9



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.



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

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 1200 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 CO₂
emissions



Save more than
80%
In energy Cost



Save more than 80% in energy cost



ATECPOOL
INTERNATIONAL
GROUP

atecpool.com

Atecpool SuperFlow

Variable Speed Pump



Easy Touch
Easy Run

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 (pD)			Current	Maximum Flow	Maximum Head	Connections	Speed	GW
	(V)	(Hz)	(kW)	(HP)	(A)		(m³/h)	(m)	(mm)	(rpm)	(kg)
AIECF11	220-240	50	11	15	31	24	15	15	63	1200-2900	16.2
AIECF15	220-240	50	15	20	45	30	18.5	18.5	63	1200-2900	24.2
AIECF22	220-240	50	22	30	66	36	22	22	63	1200-2900	28.2



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 and Class F



Optional timer for
24hs

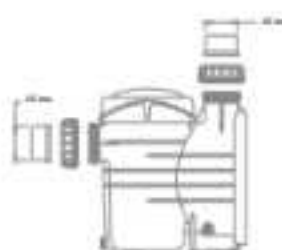
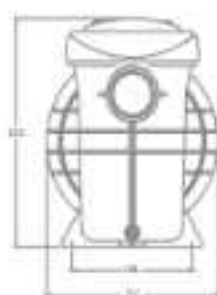
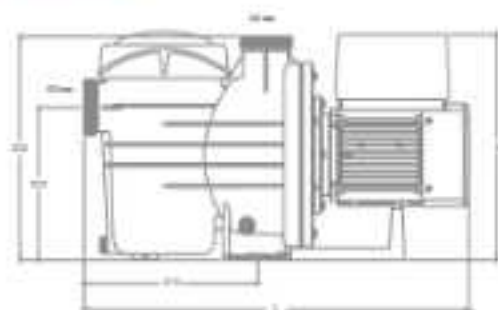
Atecpool SuperFlow

Touch Screen Panel

Touch Screen Panel for SuperFlow Variable Speed Pump



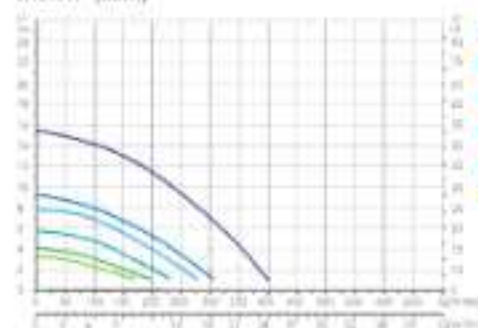
Dimensions



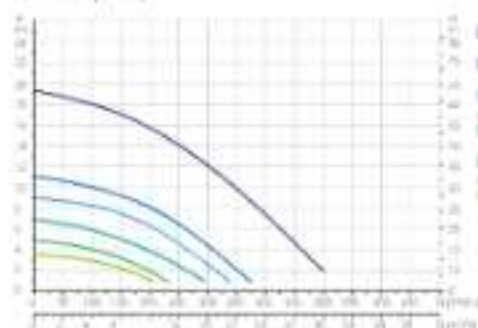
	L	H	W
ATECF11	603	328	268
ATECF15	603	328	268
ATECF22	686	328	268

Performance graph

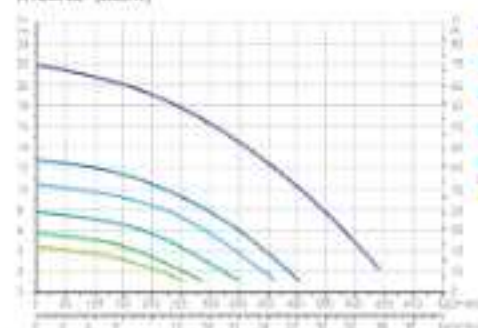
ATECF11 (1.1KW)



ATECF15 (1.5KW)



ATECF22 (2.2KW)





Atecpool Solar Pump

For Solar Panels

Leading the green revolution



Quiet
Pump



Reduce CO₂
emissions



Save
Money



Easy touch
screen



Certified
Technology



Settable
Timer



Solar Energy &
Electrical Grid Power



Atecpool Green
Revolution



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.

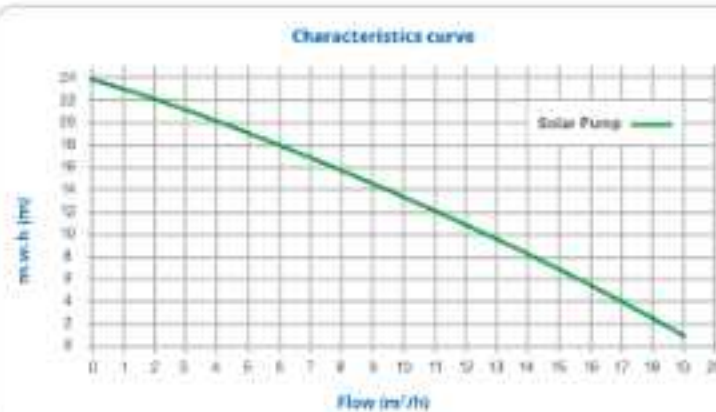


Atecpool Solar Pump Specifications

- 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.

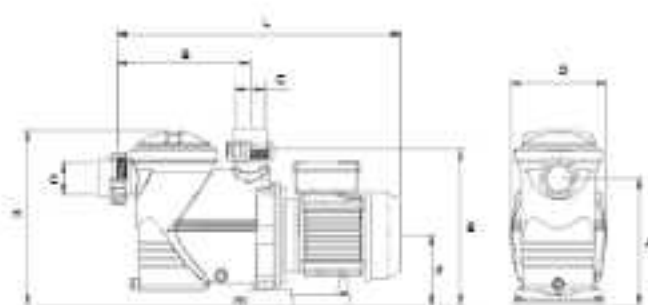


Atecpool Solar Pump

Model	Rated Frequency	Input Current	Input Voltage	Enclosure Rating	Motor Insulation	Communication	Input	Output settings	In-out
Ghz									
ASOLAR100	48-62	11A P13	90-400VDC 1x90-265VAC	IP55 (NEMA-4)	Class F	RS485, MODBUS RTU protocol	4 analog inputs (0 or 5 VDC)	Two digital output N.O. or N.C.	1% N.O. or N.C.

Atecpool Niagara

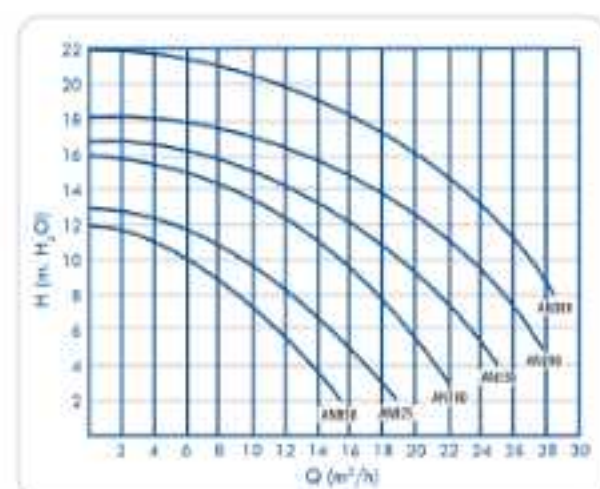
Self-priming pump



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 3000 rpm 230V - 50Hz single-phase or 230 / 400V - 50Hz three-phase.
- Possibility of 60Hz upon request.
- Connections of suction and return at 2 3/4" for Ø 63 mm bush connections.

Performance graph

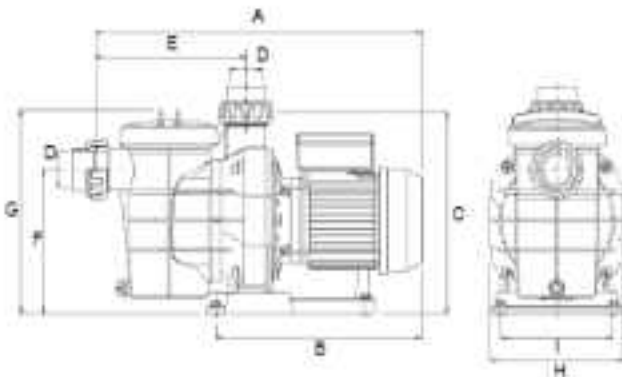


Code	Power		Manometric Height wcm											
			2	4	6	8	10	12	14	16	18	20	22	
	HP	kW	Flow m³/h											
AN050M AN050T	0.5	0.37	8	14	11	9	6	-	-	-	-	-	-	
AN075M AN075T	0.75	0.55	19	17	14	12	9	5	-	-	-	-	-	
AN100M AN100T	1	0.75	-	21	20	18	16	12	9	-	-	-	-	
AN150M AN150T	1.5	1.10	-	25	23	21	19	16	14	7	-	-	-	
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



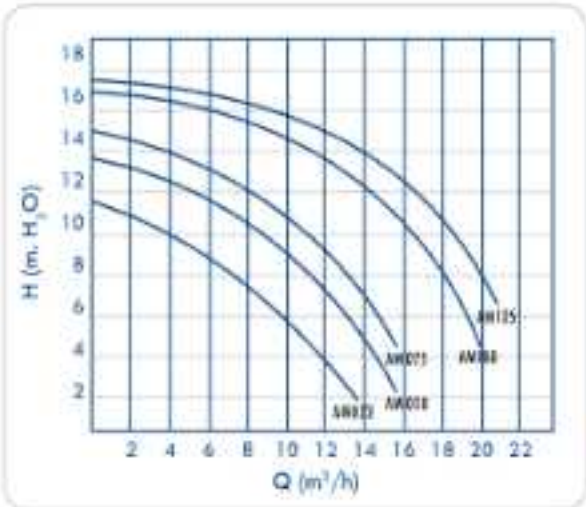
Atecpool America

- 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, 2850 rpm 230V - 50Hz single-phase or 230 / 400V - 50Hz three-phase.
- Possibility of 60Hz upon request.
- Connections of suction and return at 2 1/2" for Ø50 mm bush connections.
- Suction and return unions D50 included

Code	Power		Manometric Height w.c.m.							
	HP	KW	2	4	6	8	10	12	14	16
AM03M	0.3	0.25	11	12	13	7	4	-	-	-
AM05M	0.5	0.37	-	15	13	11	9	5	-	-
AM075M	0.75	0.55	-	-	15	13	11	8	4	-
AM075T										
AM100M	1	0.75	-	-	19	18	16	14	11	6
AM100T										
AM125M	1.5	1.10	-	-	-	20	19	17	14	9
AM125T										

Code	Power		Dimensions									Weight	Volume
	HP	KW	A	B	C	D	E	F	G	H	I	kg	m³
AM03M	0.3	0.25	475	296	280	Ø50	225	200	285	199	168	9.7	0.039
AM05M	0.5	0.37	475	296	280	Ø50	225	200	285	199	168	10	0.039
AM075M	0.75	0.55	490	311	280	Ø50	225	200	285	199	168	12	0.039
AM075T													
AM100M	1	0.75	490	311	280	Ø50	225	200	285	199	168	12.5	0.039
AM100T													
AM125M	1.5	1.10	490	311	280	Ø50	225	200	285	199	168	13.5	0.039
AM125T													

Performance graph



Manometric delivery head is expressed in metres of water column (mwc) 1 bar = 10.39 mwc.

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

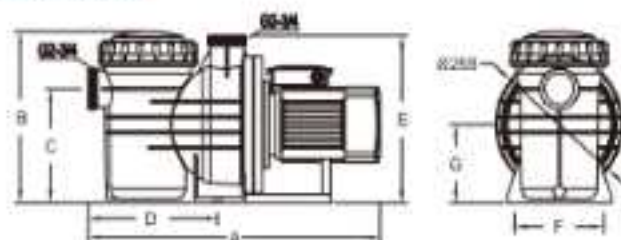
Code	Power		Manometric Height wcm										
	HP	kW	2	4	6	8	10	12	14	16	18	20	22
			Flow m³/h										
ATECS5M	0.5	0.37	11	8	4	-	-	-	-	-	-	-	-
ATECS9M	0.75	0.55	-	13	11	8	3	-	-	-	-	-	-
ATECS9T			-	-	-	-	-	-	-	-	-	-	-
ATECS15M	1	0.75	-	20	18	15	12	6	-	-	-	-	-
ATECS15T			-	-	-	-	-	-	-	-	-	-	-
ATECS15M	1.5	1.1	-	-	20	18	15	11	3	-	-	-	-
ATECS15T			-	-	-	-	-	-	-	-	-	-	-
ATECS20M	2	1.5	-	-	25	23	21	18	15	9	-	-	-
ATECS20T			-	-	-	-	-	-	-	-	-	-	-
ATECS30M	3	2.2	-	-	33	31	29	26	23	20	15	-	-
ATECS30T			-	-	-	-	-	-	-	-	-	-	-

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



**TÜV Rheinland
CERTIFIED**

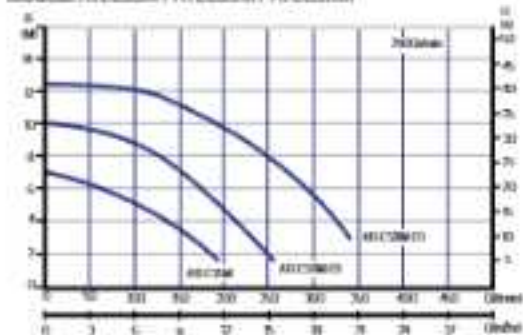
Dimensions



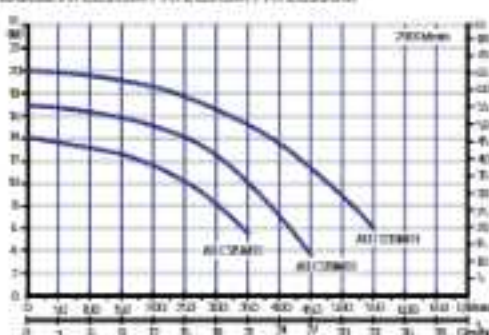
	A	B	C	D	E	F	G
ATECS5	520	331	225	225	308	159	142
ATECS9	520	331	225	225	308	159	142
ATECS11	603	335	222	272	325	188	153
ATECS15	603	335	222	272	325	188	153
ATECS19	603	335	222	272	325	188	153
ATECS30	640	335	222	272	325	188	153

Performance Curve

Model: ATECS5M / ATECS9M / ATECS11M

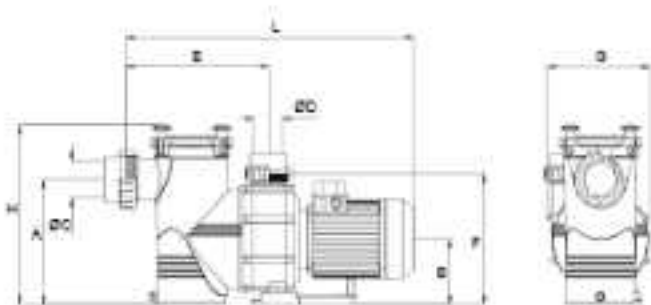


Model: ATECS15M / ATECS19M / ATECS30M



Atecpool Big Discovery

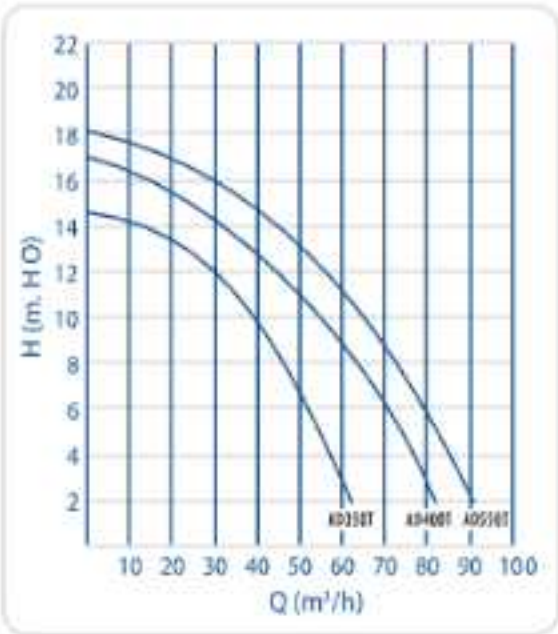
Self-priming pump



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 IP55 protection, at 3.000 rpm, 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

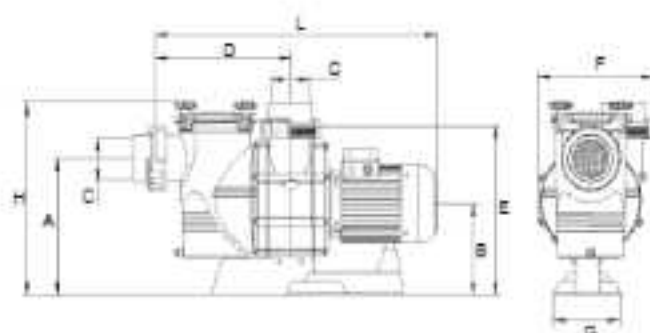


Code	Power		Manometric Height wcm									
	HP	kW	2	4	6	8	10	12	14	16	18	
			Flow m³/h									
AD350T	3	22	62	57	51	46	40	30	13	-	-	
AD400T	4	29	82	77	70	63	55	44	31	15	-	
AD550T	55	4	91	85	80	72	65	56	45	30	3	

Code	Power		Dimensions									Weight	Volume
	HP	kW	A	B	C	D	E	F	G	H	L	kg	m³
AD350T	3	22	300	160	Ø90	Ø75	368	320	264	431	713	24	012
AD400T	4	29	300	160	Ø90	Ø75	368	320	264	431	713	27	012
AD550T	55	4	300	160	Ø90	Ø75	368	320	264	431	713	29	012

Atecpool Aeres

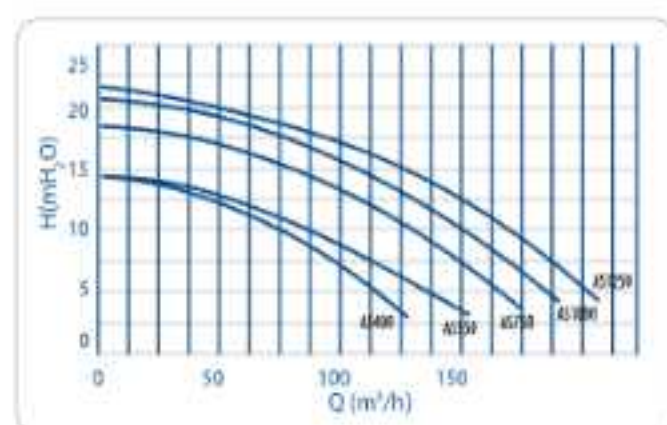
Centrifugal Pump



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 IP55 protection, at 3000 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							
	HP	kW	5	8	10	12	14	16	18	20
			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



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

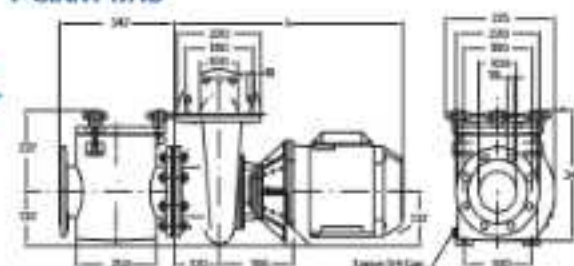
Screws: Stainless Steel AISI 316

Shaft: Stainless Steel AISI 316L

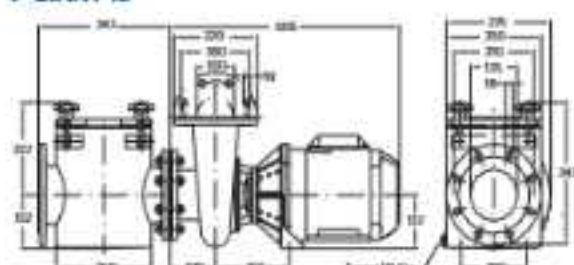
Mechanical Seal: Carbon + Resin - Ceramics

Preilter basket: Stainless Steel AISI 304

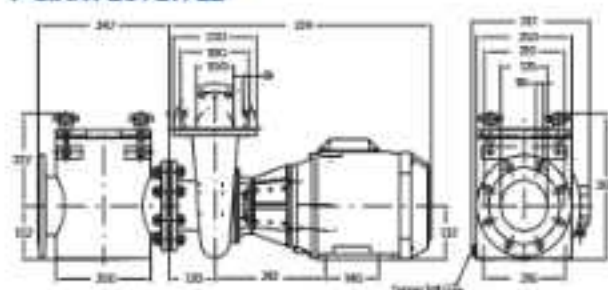
F-GIANT 17/18



F-GIANT 19



F-GIANT 20 / 21 / 22



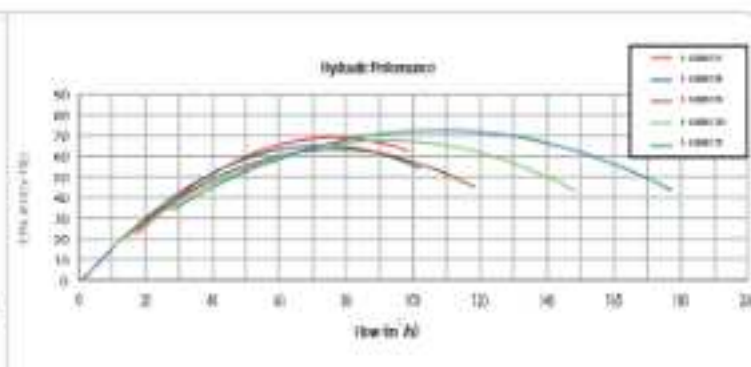
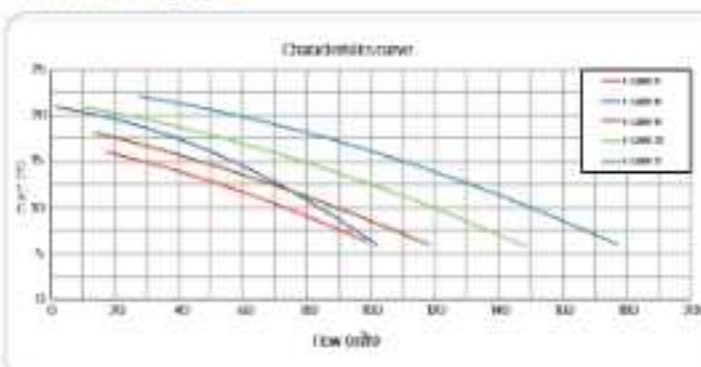
Atecpool F-GIANT is the first high flow rate pump, entirely built in plastic providing the best hydraulic performances in the market. Equipped with a one piece helical plastic impeller developed with innovative technology. Eco-friendly and sustainable, especially recommended for large aquariums due to 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

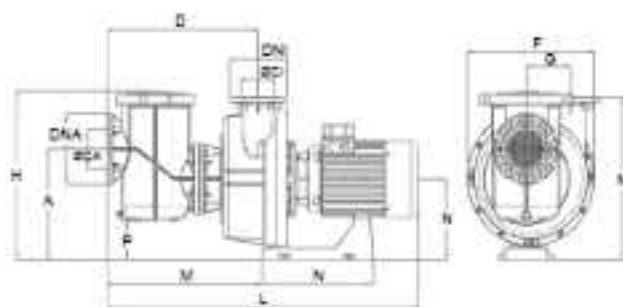
Code	Power		III 230/400V		III 400/690V		Manometric height w.c.m										DN		Weight
	HP	KW	A	A	A	A	6	8	10	12	14	16	18	20	22		IN	OUT	
F-GIANT 17	4	3	9,9	5,7	-	-	99	90	73	58	39	17	-	-	-	-	100	100	62
F-GIANT 18	5,5	4	13,0	7,4	7,4	4,3	102	94	82	75	63	51	37	14	-	-	100	100	68
F-GIANT 19	5,5	4	13,0	7,4	7,4	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

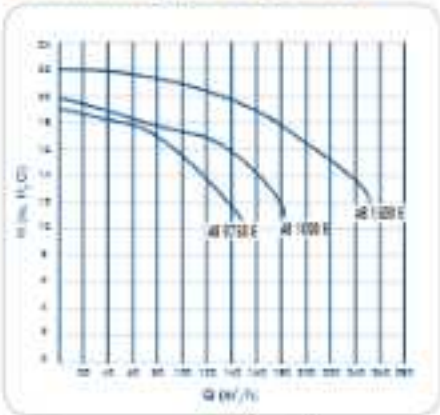
Centrifugal pump



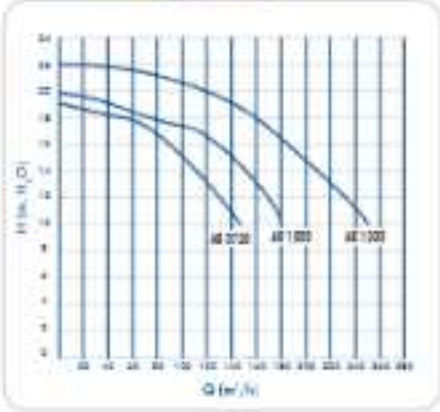
Atecpool Thamesis Specifications

- 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 IP55 protection enclosure operating at 1500 rpm (III Phase).
- Available versions: 75HP / 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	75	55	-	136	181	94	60	-	-	-	285	250
	AB1000E	10	74	-	179	161	139	80	-	-	-	285	250
	AB1500E	15	112	-	252	238	208	178	132	32	-	285	250
Atecpool Thamesis with pre-filter	AB0750	75	55	148	132	112	90	55	-	-	-	285	250
	AB1000	10	74	192	170	152	130	76	-	-	-	285	250
	AB1500	15	112	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	
Atecpool Thamesis with pre-filter	AB0750	75	55	446	285	150	250	125	653	550	192	667	125	540	480	
	AB1000	10	74	446	285	150	250	125	653	550	192	667	1250	540	480	
	AB1500	15	112	446	285	150	250	125	653	550	192	667	1250	670	480	
Atecpool Thamesis w/o pre-filter	AB0750E	75	55	326	285	150	250	125	254	550	192	653	885	140	480	
	AB1000E	10	74	326	285	150	250	125	254	550	192	653	850	140	480	
	AB1500E	15	112	326	285	150	250	125	254	550	192	653	950	270	480	

Atecpool FDN-3000

Centrifugal pump

Atecpool FDN-3000



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

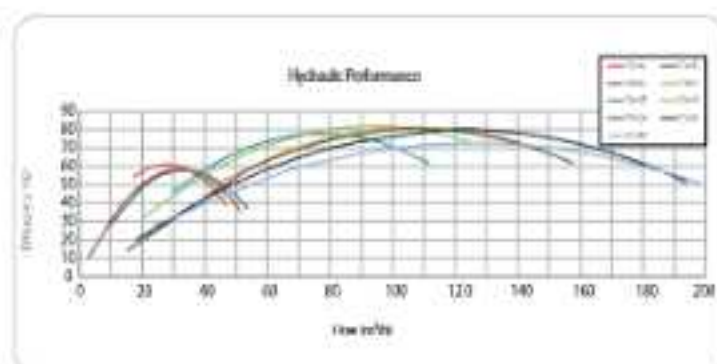
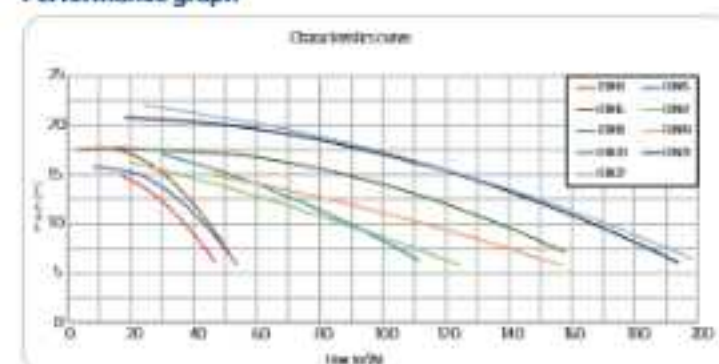
Atecpool FDN-3000 is a pool pump designed to offer the highest performance for the filtration and purification of water in commercial pools. All parts in contact with water are treated by long lasting cathaphoresis. This treatment prevents the formation of troublesome oxides on cast iron pumps as the paint chemically combines with all iron molecules located on the surface of the workpiece. The cathaphoresis 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	DN IN	DN OUT		
FDN14 BR14	2	15	53	31	-	-	47	42	38	34	23	-	-	-	-	80	3" BSP	53	
FDN15 BR15	3	22	76	43	-	-	54	48	44	38	28	8	-	-	-	80	3" BSP	55	
FDN16 BR16	4	3	99	57	-	-	63	59	52	49	42	31	9	-	-	80	3" BSP	60	
FDN17 BR17	4	3	99	57	-	-	125	108	103	70	51	20	-	-	-	100	100	68	
FDN18 BR18	5.5	4	130	74	74	43	112	102	89	76	63	43	-	-	-	100	100	77	
FDN19 BR19	5.5	4	130	74	74	43	157	130	123	89	64	-	-	-	-	125	100	90	
FDN20 BR20	7.5	5.5	176	103	103	59	158	149	145	123	99	67	15	-	-	125	100	99	
FDN21 BR21	10	7.5	-	-	135	78	194	180	167	131	114	113	88	54	-	125	100	104	
FDN22 BR22	12.5	9.2	-	-	166	96	199	187	171	154	135	114	91	63	27	125	100	113	

Performance graph



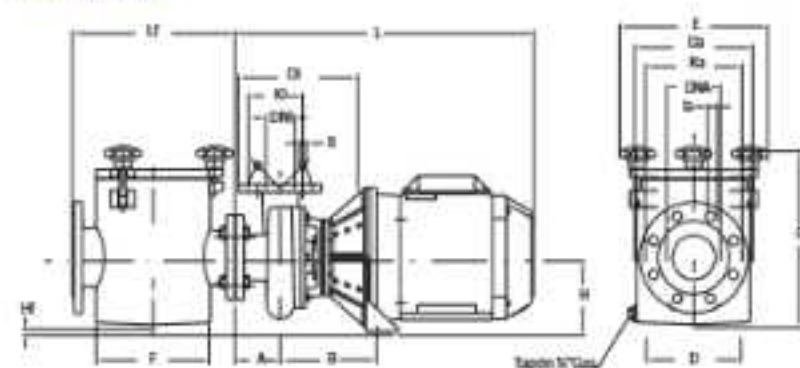
Atecpool FDN-3000

Centrifugal pump

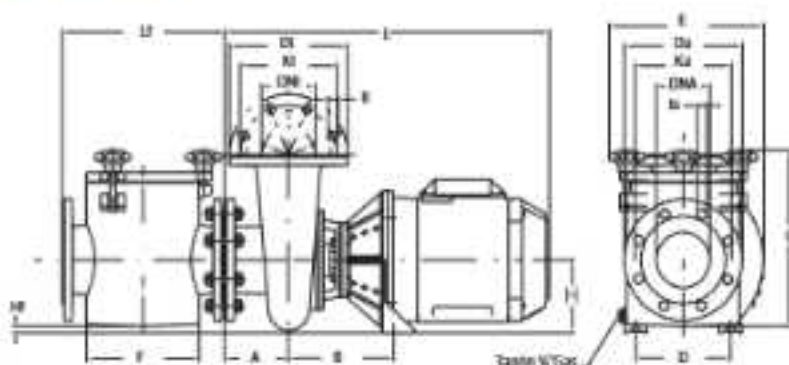
Atecpool FDN-3000

Code	Dimensions											Intake		Output					
	A	B	C	D	E	F	G	H	HF	L	LF	Da	Ka	la	NPT	Dt	Rt	h	NPT
FDN14 BR14	82	172	-	140	271	210	389	132	12	498	300	200	160	19	8	152	125	14	4
FDN15 BR15	82	172	-	140	271	210	389	132	12	498	300	200	160	19	8	152	125	14	4
FDN16 BR16	82	182	-	150	271	210	389	132	-	521	300	200	160	19	8	152	125	14	4
FDN17 BR17	120	196	-	190	288	210	320	132	-	584	300	220	180	19	8	220	180	19	8
FDN18 BR18	120	196	-	190	288	210	320	132	-	606	300	220	180	19	8	220	180	19	8
FDN19 BR19	120	196	-	190	275	250	347	132	-	606	347	250	210	19	8	220	180	19	8
FDN20 BR20	120	292	140	216	312	250	360	132	-	724	347	250	210	19	8	220	180	19	8
FDN21 BR21	120	292	140	216	312	250	360	132	-	724	347	250	210	19	8	220	180	19	8
FDN22 BR22	120	292	140	216	312	250	360	132	-	724	347	250	210	19	8	220	180	19	8

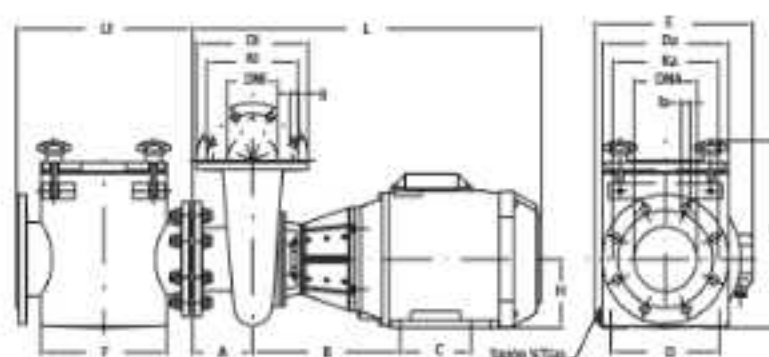
FDN-14/15/16



FDN-17/18/19

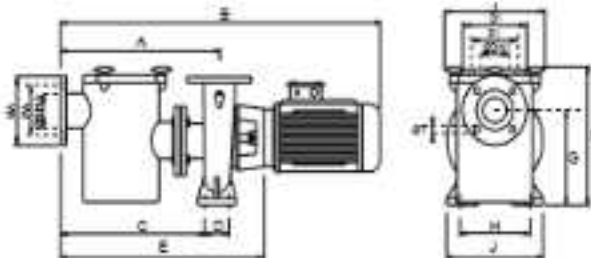


FDN-20/21/22



Atecpool Wave 3000

Centrifugal pump

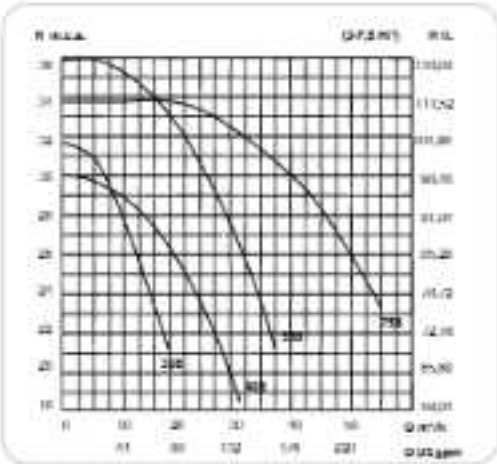


Atecpool Wave 3000 is a large volume centrifugal pump, to which a pre-filter has been attached to the inlet, making these the ideal pumps for large filtering units.

Atecpool Wave 3000 Specifications

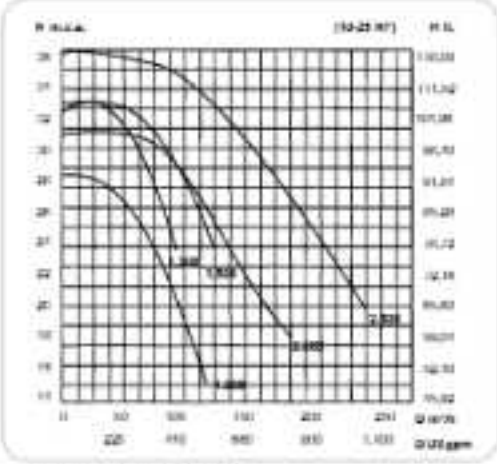
- Cast iron version: pump body, pre-filter, coupling in cast iron.
- Shaft and pre-filter sieve in AISI 316 stainless steel.
- Bronze impeller
- Mechanical seal in silicon carbide or tungsten carbon.
- Protection IP55, 2 poles 50-60 Hz.
- Totally standard motor, allows the motor to be changed or repaired 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 - C3 / 75HP)

3000 - AIE 7308	4000 - AIE 7408	5000 - AIE 7508
6000 - AIE 7608	7000 - AIE 7708	8000 - AIE 7808



WAVE 3000 - C0 / 25HP)

Cast iron	Dimensions										Intake					Output					Packing Dimensions				Weight kg
	A	B	C	D	E	F	G	H	I	J	ØDN	DA	PA	NPT	ØT	ØDN	DI	PI	NPT	ØT	H ₁	A ₁	L ₁	H ₂	
AIE 7308	400	670	425	70	606	45	302	190	325	245	65	125	145	4	15	32	140	100	4	15	660	400	1170	94	
AIE 7408	400	690	425	70	624	45	302	190	325	245	65	125	145	4	15	32	140	100	4	15	660	400	1170	105	
AIE 7508	400	690	425	95	634	45	302	190	325	245	65	125	145	4	15	32	140	100	4	15	660	400	1170	110	
AIE 7708	460	1075	425	95	673	45	302	190	325	300	65	125	145	4	15	40	150	110	4	15	660	400	1170	140	
AIE 7808	480	1075	445	95	693	45	302	190	325	300	65	125	145	4	15	50	150	110	4	15	660	400	1170	155	
AIE 7908	480	1075	445	120	693	45	290	210	305	301	65	125	145	4	15	50	150	125	4	15	660	400	1170	155	
AIE 7508	480	1260	-	-	723	45	290	254	335	267	80	200	160	8	15	65	185	145	8	15	430	400	1260	212	
AIE 7008	505	1286	-	-	788	45	285	254	335	260	100	220	180	8	15	80	200	160	8	15	430	600	1286	335	
AIE 72508	505	1286	-	-	788	45	285	279	335	260	100	220	180	8	15	80	200	160	8	15	430	600	1286	335	

Atecpool FDN-1500-H

Centrifugal pump

Atecpool FDN-1500-H



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.

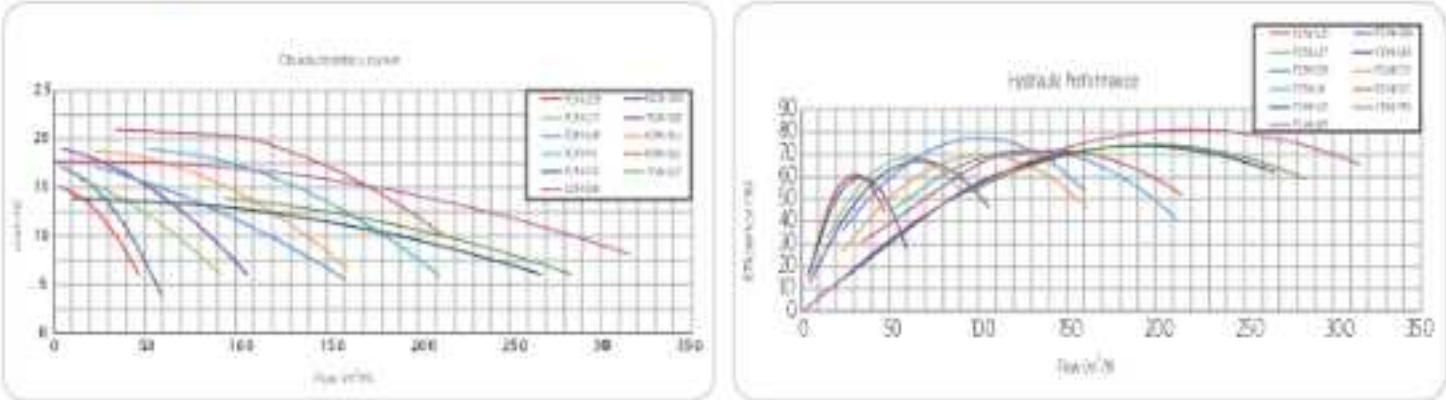
Atecpool FDN-1500-H

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																		
FDN325 BR325	2	15	5,7	33	-	-	47	41	34	26	16	-	-	-	-	100	50	84	
FDN326 BR326	3	22	7,9	45	-	-	54	48	42	36	28	17	-	-	-	100	50	89	
FDN127 BR127	4	3	10,5	6,0	-	-	91	80	68	54	35	15	-	-	-	100	80	103	
FDN128 BR128	5,5	4	13,8	7,9	7,9	4,5	106	80	86	73	61	45	22	-	-	100	80	111	
FDN129 BR129	7,5	5,5	18,6	10,7	10,7	6,2	160	97	118	96	76	42	-	-	-	125	100	140	
FDN130 BR130	10	7,5	-	-	14,3	8,3	162	115	140	126	107	82	46	-	-	125	100	153	
FDN131 BR131	12,5	9,2	-	-	17,5	10,1	212	137	181	163	145	121	84	-	-	150	100	203	
FDN132 BR132	15	11	-	-	20,4	11,8	-	-	214	198	184	164	141	100	-	150	100	240	
FDN123	10	7,5	-	-	14,3	8,3	268	235	194	131	11	-	-	-	-	150	125	220	
FDN125	12,5	9,2	-	-	17,5	10,1	284	254	215	164	94	-	-	-	-	150	125	228	
FDN126	15	11	-	-	20,4	11,8	-	316	281	248	211	131	-	-	-	150	125	261	

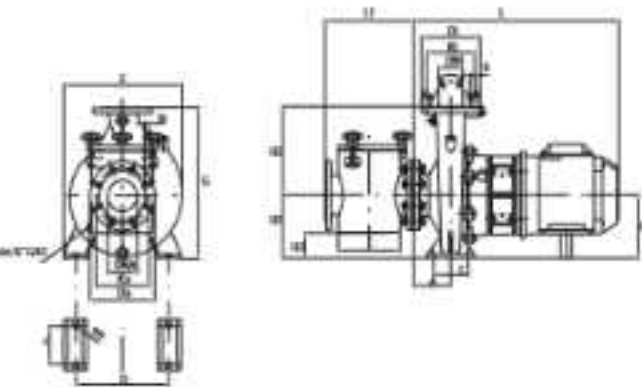
Atecpool FDN-1500-H

Centrifugal pump

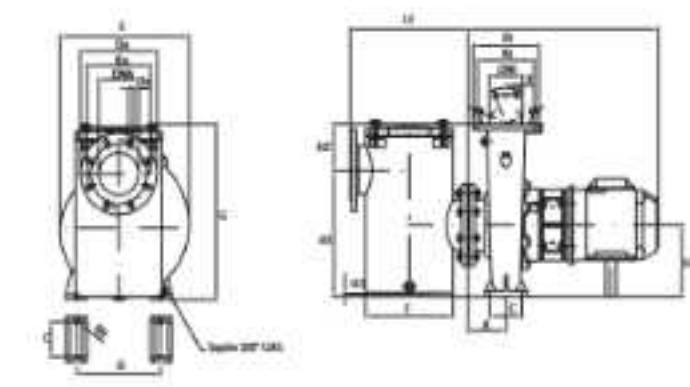
Performance graph



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



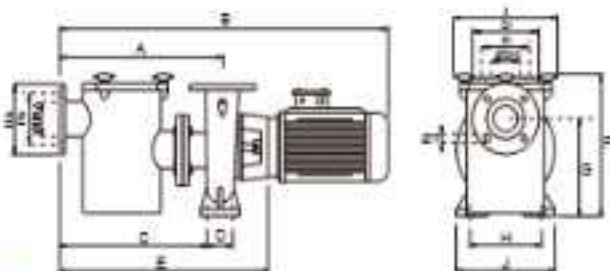
FDN-H 123/124/125/126/131/132



Code		Dimensions												Intake			Output				
		A	C	D	E	F	G	H	H1	H2	H3	L	L1	Da	Ka	la	NPT	DI	KI	II	NPT
FDN 325	BR 325	100	95	250	335	210	405	180	180	225	60	470	298	220	180	19	8	125	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

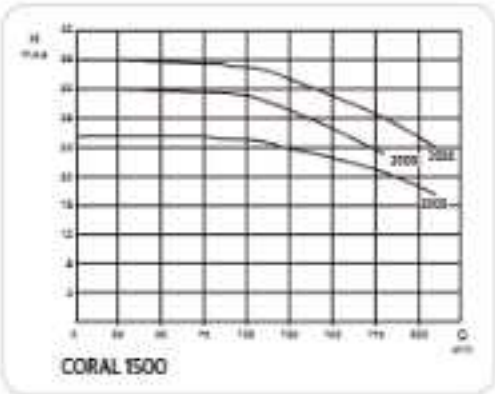
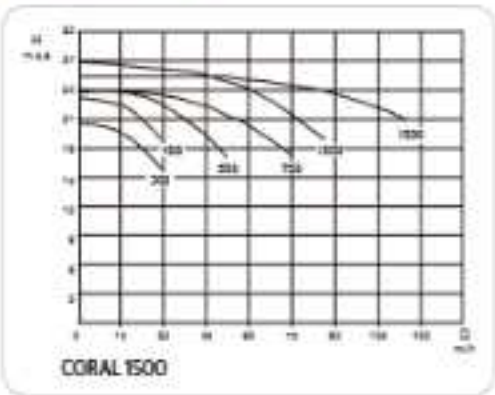
ENERGY
EFFICIENCY **IE3**

Atecpool Coral 1500 Cast Iron 1450 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 IP55, 4 poles 50-60 Hz.
- Motor: 1450 rpm

Performance graph

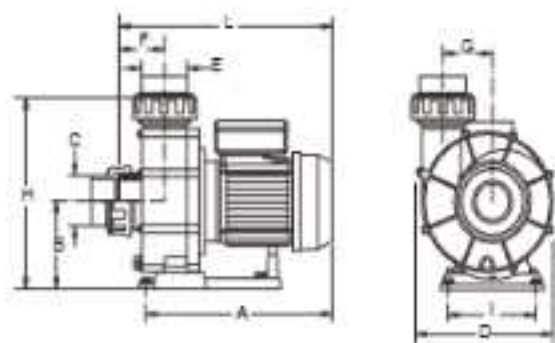


Code	"A"		Manometric height wcm										
	HP	kW	230V	400V	18	20	22	24	25	27	30	32	35
					Flow m³/h								
AIF4300	3	2,2	94	55	23	11							
AIF4400	4	3	125	69		27	19						
AIF4500	5,5	4	17	92	51	43	33						
AIF4750	7,5	5,5	23	12	75	64	50	12					
AIF41000	10	7,5	-	155		185	75	63	54				
AIF41500	15	11	-	218			110	90	72				
AIF42000	20	15	-	32			190	160	120	102			
AIF42500	25	18,5	-	415				170	160	140	120	30	
AIF43000	30	22,5	-	52					210	200	190	160	135

Cast Iron	Dimensions										Intake					Output					Packing Dimensions			Weight kg
	A	B	C	D	E	F	G	H	I	J	mm	DA	PA	mm	BT	mm	DI	PI	NPT	BT	L ₁	A ₁	L ₂	
AIF4300	483	954	432	95	124	45	30	250	260	336	65	85	145	4	1/2"	40	150	80	4	1/2"	585	400	1000	127
AIF4400	480	954	432	95	124	45	30	250	260	336	65	85	145	4	1/2"	40	150	110	4	1/2"	585	400	1000	127
AIF4500	480	954	432	95	124	45	30	250	260	340	65	85	145	4	1/2"	50	95	125	4	1/2"	585	400	1000	139
AIF4750	480	1125	400	120	77	450	30	360	260	370	100	200	180	8	1"	65	185	145	4	1"	580	400	1000	185
AIF41000	525	1150	445	120	78	525	35	35	260	429	100	200	180	8	1"	65	185	145	4	1"	625	450	1000	218
AIF41500	525	1231	445	120	78	480	35	35	260	480	100	220	180	8	1"	80	200	160	8	1"	580	450	1000	306
AIF42000	520	1253	460	120	79	525	35	35	260	424	125	250	210	8	1"	100	220	180	8	1"	625	450	1000	324
AIF42500	520	1331	460	120	79	565	35	35	260	480	125	250	210	8	1"	100	220	180	8	1"	625	500	1400	364
AIF43000	520	1406	460	120	79	565	35	35	260	480	125	250	210	8	1"	100	220	180	8	1"	625	500	1500	376

Atecpool Counter Current

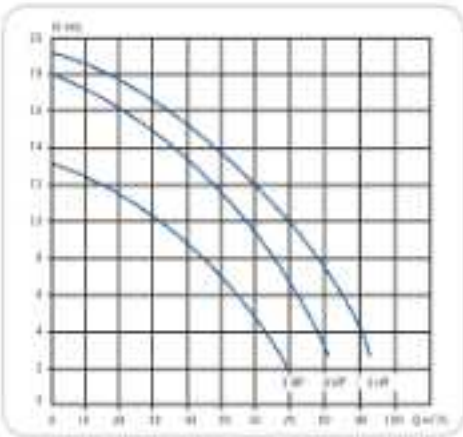
Super-Quiet pump



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 3/4" for Ø 75 mm bush connections.
- Bush connections included with the pump.

Performance graph



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	41	31	22	-	-	-	-	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	
AK14000	370	156	Ø75	260	Ø75	77	95	389	168	420	205	
AK14400	410	156	Ø75	260	Ø75	77	95	389	168	450	235	
AK14600	410	156	Ø75	260	Ø75	77	92	389	168	450	255	

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
ATT73C	160x160x140	60 - 100 A	4.0 / 5.5 HP T118	11	0.004



Atecpool Counter Current Nozzle

Counter current equipment

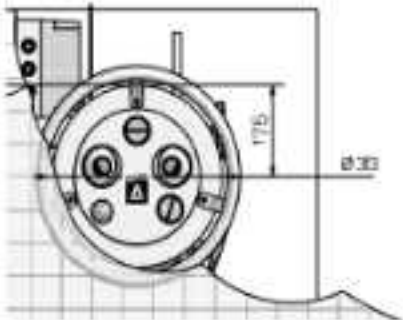
Atecpool Jet Stream Nozzle in stainless steel AISI 316



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.

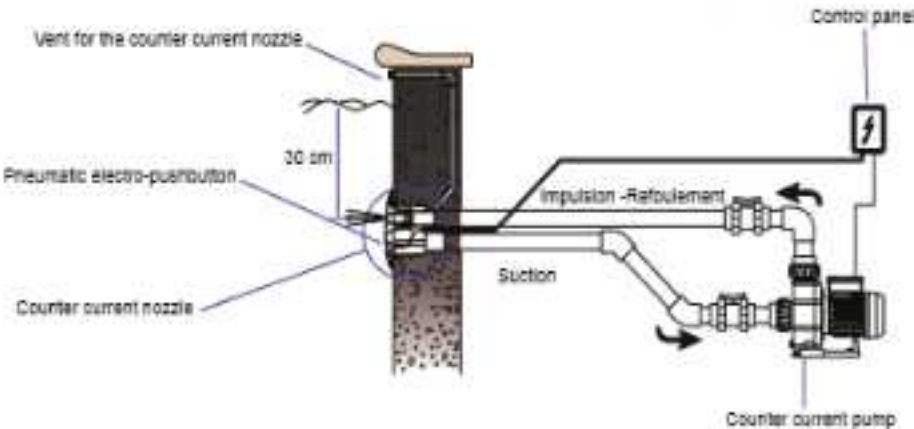
Installation of the **ATECPOOL Jet Stream Nozzle** is hassle free with inlet outlet connections on the rear end. The center of the Jet stream housing must be 175 mm below the water surface. The stainless steel front plate is installed after the casting.

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.



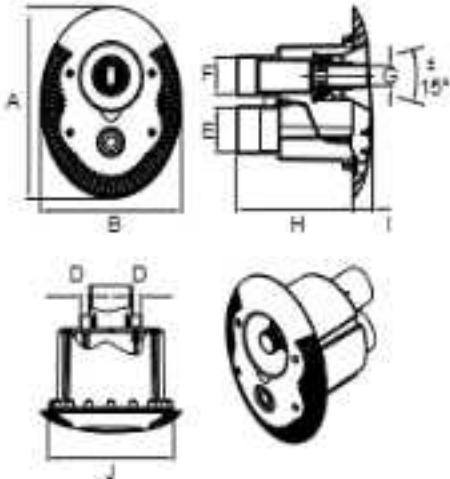
Code	Description	Dimensions	Pipe connection	Materials
		Diameter		
AT01B5	Double Jet stream nozzle 40mmx2	Ø 313	2.5"	Stainless Steel AISI 316

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 205	Ø 90	Ø 75	41	255	435	Ø 278	25
AT035	Prefabricated	390	310	Ø 205	Ø 90	Ø 75	41	255	435	Ø 278	25
AT036	Linear	390	310	Ø 205	Ø 90	Ø 75	41	255	435	Ø 278	25

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



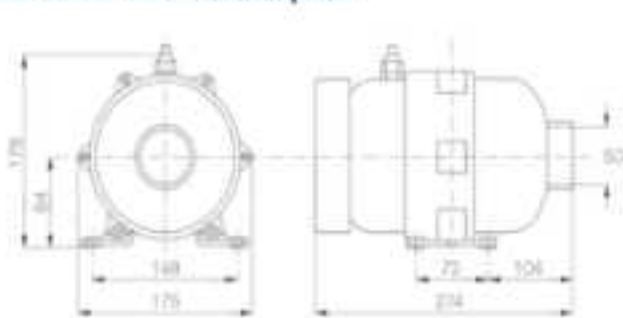
Atecpool Air Blowers

- 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.
 - Carbon brush: High quality materials.

Air Blower with Single Impeller



Air Blower with Double Impeller



Model	Impeller	Power	Impeller	Noise	Amperage	Airflow rate	Weight
		(W)	(W)	(dB)	(A)	(m³/min)	(kg)
AMONC200	single	200	180	67	3,5	1,2	23
AMONC300	single	350	180	70	4,4	1,6	23
ADOB400	double	400	180	80	2,8	3,4	32
ADOB700	double	700	180	82	4,0	4,2	32
ADOB900	double	900	180	84	5,0	5,0	32

Atecpool Air Blowers

Heavy Duty



Code	Dimensions (mm)		
	A	B	C
AH40-850	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

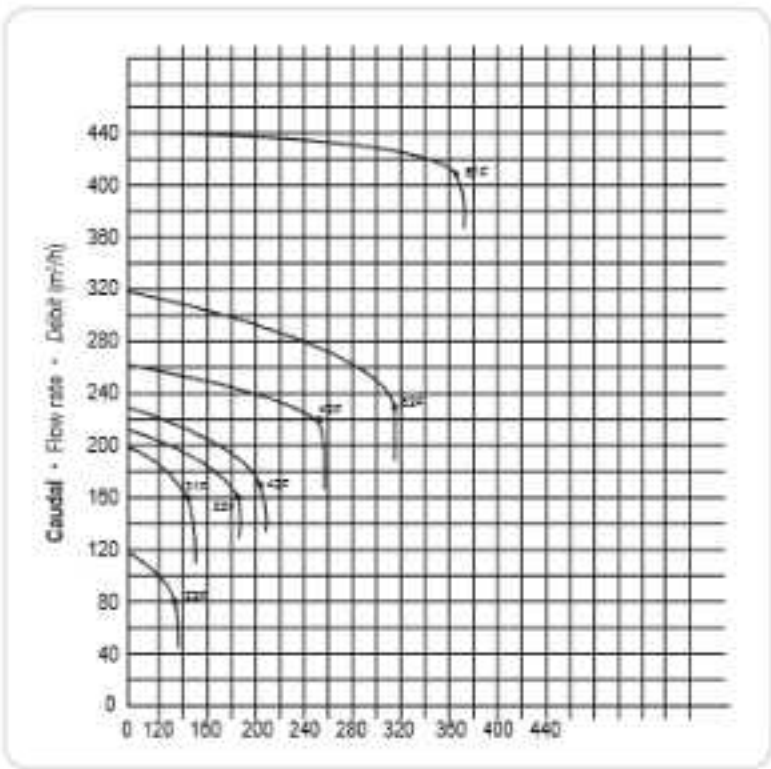
Pumps designed for bubble baths and swimming pools, water treatment, car drying, ventilation / dust removal, etc.

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. Built in 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	AH40-850	22F	0.5	Δ 200-240 / Y345-415	80	130	53	11	1 1/4"
	AH210-131	31F	0.75		145	160	63	16	1 1/2"
	AH210-161	32F	11		185	160	63	17	1 1/2"
	AH215-181	42F	13		210	170	64	22	2"
	AH315-301	43F	15		255	220	64	24	2"
	AH420-321	52F	22		318	230	69	28	2"
	AH505-380	68F	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	11		185	160	63	17	1 1/2"
	AH215-171	42MF	13		210	170	64	22	2"
	AH315-221	43MF	15		255	220	64	24	2"

Atecpool Hydro Massage Pump

Whirlpool Pump

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

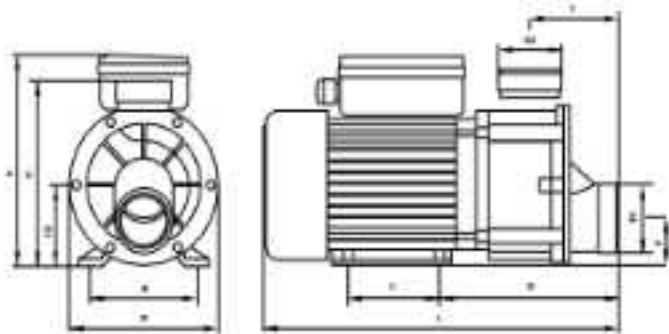
Atecpool Hydromassage pump is made for hot tubs in compliance with international safety standards on domestic appliances (IEC 335-1, IEC 34 and IEC 6150). Wide range of flow rates and heights. The water is not in contact with any metal part of the pump, and this increases safety.



Atecpool Hydromassage Pump

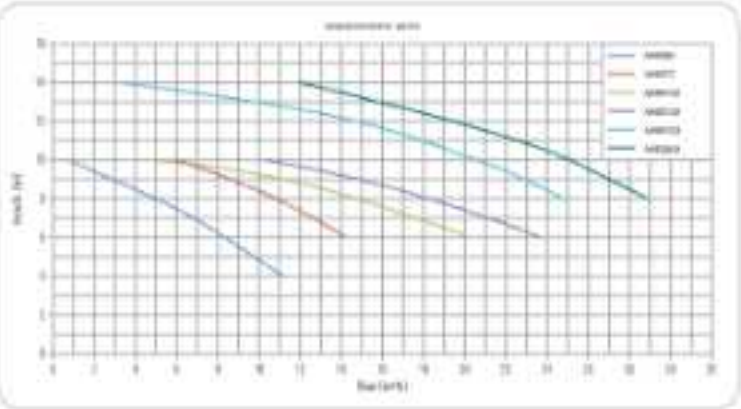
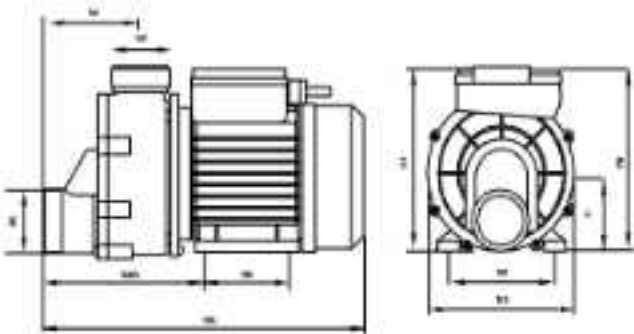
- Pump body and impeller: Polypropylene
- Shaft: Stainless Steel AISI 420
- Mechanical seal: Carbon + Resin - Ceramics
- Motor: 2900 rpm.
- Isolation class: F.
- Protection: IP55.
- Thermal protection: Included.

Atecpool Hydromassage Pump 50



Code	Dimensions									
	A	B	C	D	E	F	L	H	H1	H2
AHM50	100	53	80	164	33	89	317	191	168	63
AHM75	112	56	90	172	44	86	347	205	179	74

Atecpool Hydromassage Pump 100/150



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
	kW	HP	kW	HP		µm	A	Flow rate m³/h					
AHM50	0.37	0.5	0.25	0.33	7	20	112	84	50	0.8	-	-	5.9
AHM75	0.55	0.75	0.37	0.5	10	32	-	142	109	6.0	-	-	7.9
AHM100	0.75	1	0.55	0.75	10	38	-	203	147	4.5	-	-	8.3
AHM120	0.9	1.2	0.65	0.85	15	46	-	236	182	10.3	-	-	8.8
AHM150	11	15	0.75	1	20	58	-	-	247	206	14.8	33	95
AHM200	15	2	11	15	30	70	-	-	289	251	19.4	120	100

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

- 2850 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					
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

- 2850 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.



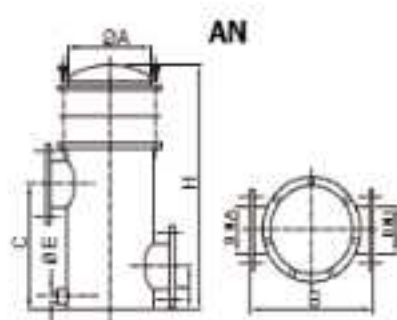
Code	Power		Voltage / Hz	Max Submersion Depth	Max Flow	Max Grain Size	Max temp of liquid
	HP	kW					
AVS750	1	0,75	230 V / 50Hz	4	13.000	35	40

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	473	260	-	16"	110	400	-	80	80	28	23
AN100-100	320	460	390	-	16"	120	570	-	100	100	38	45
AN125-125	400	600	475	-	16"	135	700	-	125	125	48	87
AN150-150	400	600	458	-	1"	152	700	-	150	150	52	87
AN200-200	400	600	400	-	1"	180	800	-	200	200	58	100
AN250-250	500	700	600	-	1"	208	900	-	250	250	85	176



Atecpool Prefilters

Cast Iron Series

Atecpool Prefilters Cast Iron

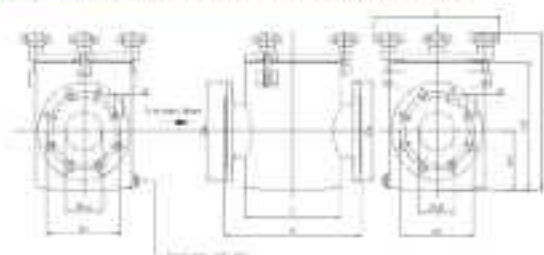
Cast iron and bronze prefilterers for suspended solids filtration. Placed at the pump's inlet, it prevents impeller blocking. The cover fixing allows an easy access to the prefilter basket for maintenance.

Atecpool Prefilters Specifications

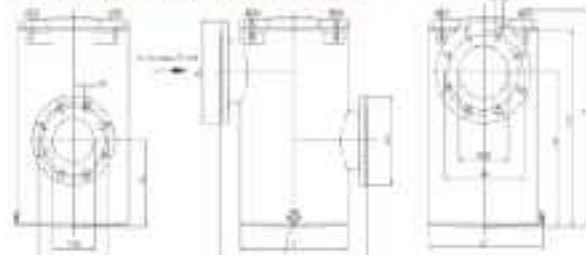
- Prefilter housing and cover: Cast Iron or Bronze
- Basket: Stainless Steel AISI 304
- Working pressure: 2 bar
- Working temp: 60°C Max



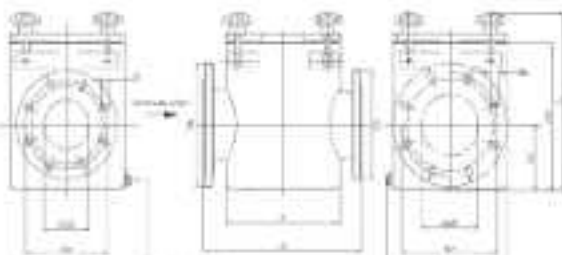
Dimensions for AF65/65 to AF100/100 model



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	le	Boils	DNE	Ks	Ds	ls	Boils	Thumb nut	Lts.	GG25 kg	Br kg
AF65/65	300	225	210	320	120	260	65	145	185	19	4	65	145	185	19	4	3	11	105	22
AF80/80	300	225	210	320	120	260	80	160	200	19	8	70	125	152	14	4	3	11	205	23
AF80/80	300	225	210	320	120	260	80	160	200	19	8	80	160	200	19	8	3	11	205	23
AF100/65	300	225	210	320	120	260	100	180	220	19	8	65	145	185	19	8	3	11	205	23
AF100/80	300	225	210	320	120	260	100	180	220	19	8	80	160	200	19	8	3	11	21	23
AF100/100	300	225	210	320	120	260	100	180	220	19	8	100	180	220	19	8	3	11	215	24
AF125/100	345	265	250	370	130	295	125	210	250	19	8	100	180	220	19	8	4	13	35	39
AF125/125	345	265	250	370	130	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	le	Boils	H5	DNS	Ks	Ds	ls	Boils	Lts.	GG25 kg	Br kg
AF150/125	445	347	330	480	550	430	150	240	287	23	8	240	125	210	250	19	8	42	76	186
AF150/150	445	347	330	480	550	430	150	240	287	23	8	240	150	240	287	23	8	42	77	187
AF200/150	528	426	410	608	640	490	200	295	340	23	8	250	150	240	287	23	8	84	96	100
AF200/200	528	426	410	608	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 disconnecter
- 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	11	15	3	•	600x400x250
VFD4004A	3x400V	15	2	4	•	600x400x250
VFD4005A	3x400V	22	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	15		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		1000x600x300

Atecpool Pool Controls

SmartSaver Frequency Inverter

Convert any pump to a variable speed pump

SmartSaver for smart savings

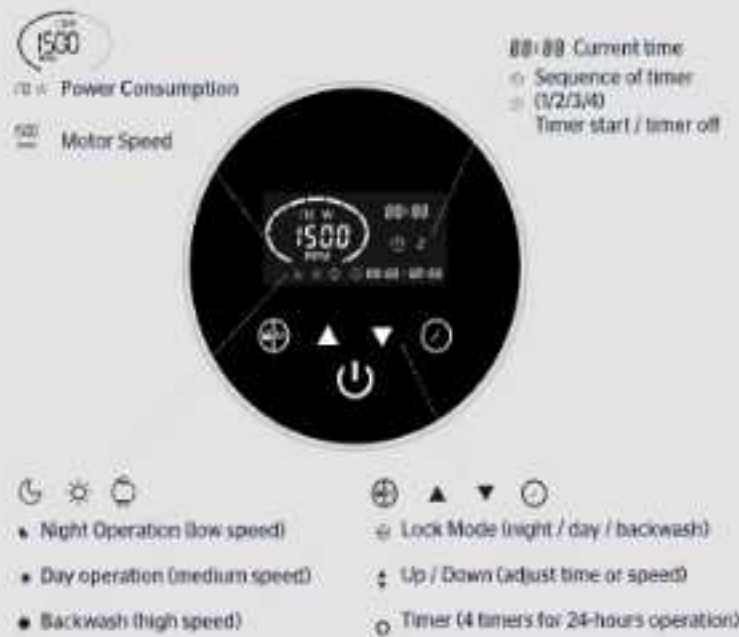
Frequency inverter is a device that converts the alternating current of one frequency to another frequency, the result of this conversion leads to a motor speed change in pool pump application. You can choose between 35 different speeds between 1200 - 2900 rpm with an increment of 50 rpm to meet different 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

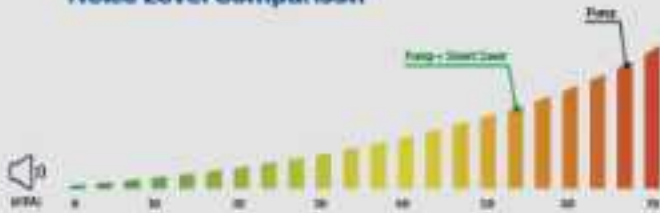
Timer program 4 timers for 24-hour operation, each with an individual speed for different pool features, filtration or heating, better to take advantage of electricity tariffs at different time of day.
 Better filtration: small particles can be removed easier when the water moves more slowly.
 Longer lifespan: Lower running speed means a reduction in wear, particularly in mechanical seals.



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 13kW	Max 6A	IP25	1 phase	1200-2900
SS200	-10 - 40°C	1ph AC	220V-240V	50 Hz	1ph 0-240V	Max 2.2kW	Max 17A	IP25	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	25-4A	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	6-310A	11	15	No
					15	2	

	Voltage	Model	Code	Current	Pump		Transformer
	V			(A)	kw	HP	
Triphase	400V AC	QPT	QPM-2T	11-6A	0.55	0.75	No
	400V AC	QPT	QPM-3T	16-2.5A	0.75	1	No
	400V AC	QPT	QPM-4T	25-4A	11	15	No
					15	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	25-4A	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	6-310A	11	15	80VA
					15	2	

	Voltage	Model	Code	Current	Pump		Transformer
				(A)	kw	HP	
Triphase	400V AC	QPT80	QPT80-2T	1-16A	0.55	0.75	80VA
	400V AC	QPT80	QPT80-3T	16-2.5A	0.75	1	80VA
	400V AC	QPT80	QPT80-4T	25-4A	11	15	80VA
					15	2	
	400V AC	QPT80	QPT80-7T	4-6.3A	2.2	3	80VA
					3	4	



POOL FILTRATION



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**



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

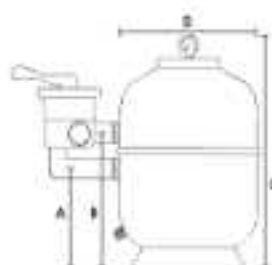
- Closed top lid in two options
 - Transparent Glass Lid with nuts and gaskets
 - Injected ABS with nuts and gaskets
- Equipped with 2" sand/water drain
- All gaskets in silicon
- Maximum working pressure: 2.5 kg/cm².
- Supplied with MPV

Ocea Top Mounted Sand Filters



Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m ³ /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	m ³ /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	30	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	m ²	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



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

ATECPPOOL Bobinados Plus Clamp Style MPV



Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	inches	kg
31350	350	45	1.5"	20
31400	400	65	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

ATECPPOOL 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	38	2.0"	470
32000	1000	3950	2.5"	620
32200	1200	5650	2.5"	860

Maximum filtration velocity: 50 m³/hr/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	679	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	1000	905	845	330	710	500
31800	0.50	1200	1085	1002	425	800	780
31900	0.64	1300	1172	1090	480	900	780
32000	0.79	1404	1480	1160	580	1000	780
32200	1.11	1634	1620	1368	710	1200	1000

These codes include the filter valve.

Recommended to
be used with
Activated Filtration
Media



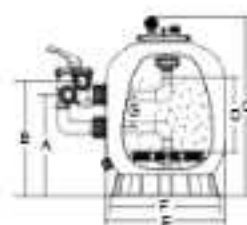
Atecpool Bobinados Plus

Bobbin Wound Filters

Atecpool Bobinados Plus Side Mounted Filter

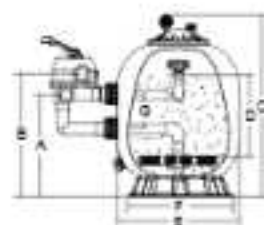
- Bobbin-wound fiberglass reinforced tank with UV-resistant surface finish
- Transparent lid is designed for easy inspection of sand bed.
- Supplied with pressure gauge, manual air vent, water purge and multiport valve.
- Maximum working pressure: 2.5 kg/cm².
- Max temperature of 50°C.
- Universal standard of union connection provided
- Suggested size of media : 0.5-0.8 mm
- Equipped with side multiport valve with 6-way functions.
- Maximum Filtration Velocity : 50 m³/h/m².
- ABS Laterals.

ATECPPOOL Bobinados Plus Transparent Lid Model



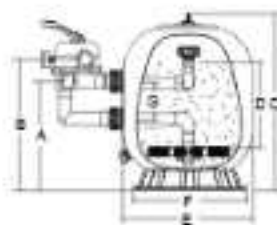
Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m ³ /h	inches	kg
60450	450	8	1 1/2"	45
60500	500	11	1 1/2"	85
60650	650	16	1 1/2"	145
60700	700	20	1 1/2"	210

ATECPPOOL 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"	26
60800	800	26.5	2"	36
60900	900	30	2"	470

ATECPPOOL Bobinados Plus Quick Closing Lid



Code	Diameter	Max Flow	Valve Connections	Sand	Gravel
	Ø mm	m ³ /h	inches	kg	kg
60902	900	31	2 1/2"	300	50
60000	1000	40.20	2"	420	200
60002	1000	41	2 1/2"	420	200
60200	1200	52.80	2"	680	250
60202	1200	58.50	2 1/2"	680	250

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

Code	Filtration Area	Dimensions (mm)						
	m ²	A	B	C	D	E	F	G
		mm						
60450	0.06	360	420	730	280	455	390	125
60500	0.22	390	450	740	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	605	890	390	723	500	220
60800	0.53	560	645	1050	425	820	780	220
60900	0.66	680	695	1180	480	920	780	220
60902	0.66	673	744	1180	380	920	780	236
60000	0.82	700	770	1220	580	1020	780	220
60002	0.82	773	844	1220	480	1020	780	236
60200	1.17	820	1005	1480	780	1220	1000	220
60202	1.17	836	1079	1480	640	1220	1000	236

These codes include the filter valve.

Recommended to
be used with
Activated Filtration
Media



Atecpool Blow Moulded Electa Filter

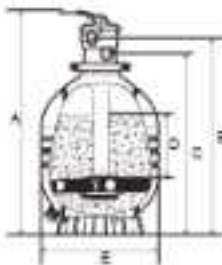
Electa Filter Specifications

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

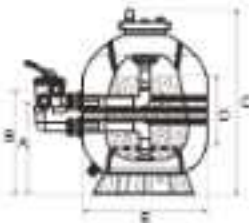
- Max temperature of 50°C (122°F)
- Universal Standard of union connection provided
- ABS lateral provided
- Suggested size of media: 0.5 - 0.8 mm
- Equipped with multiport valve with 6-way functions.
- Easy to read pressure gauge for easy inspection.
- Maximum Filtration Velocity : 50 m³/hr/m².

Electa Top Mounted Sand Filters



Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m ³ /h	inches	
55450	450	7	1 1/2"	40
55510	510	10	1 1/2"	70
55630	630	14	1 1/2"	125
55700	700	18	1 1/2"	185
55800	800	235	2"	300
55900	900	305	2"	430

Electa Side Mounted Sand Filters



Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m ³ /h	inches	
54450	450	7	1 1/2"	40
54510	510	10	1 1/2"	70
54630	630	14	1 1/2"	125
54700	700	18	1 1/2"	185
54800	800	235	2"	300
54900	900	305	2"	430

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

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	815	605	625	185	450
55510	510	1 1/2"	0.20	889	772	712	225	510
55630	630	1 1/2"	0.28	980	860	800	280	630
55700	700	1 1/2"	0.35	1133	945	910	300	700
55800	800	2"	0.47	1178	1021	955	370	800
55900	900	2"	0.61	1295	1139	1073	440	900
SIDE MOUNTED	Ø mm	inches	m ²	A	B	C	D	E
54450	450	1 1/2"	0.14	3544	4175	670	185	450
54510	510	1 1/2"	0.20	3963	5493	760	225	510
54630	630	1 1/2"	0.28	4295	4325	825	280	630
54700	700	1 1/2"	0.35	4595	5455	945	300	700
54800	800	2"	0.47	5080	5940	968	370	800
54900	900	2"	0.61	5540	6500	1085	440	900

These codes include the filter valve. Velocity-50m³/hr/m²

Recommended to be used with Activated Filtration Media



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: 40°C
- Maximum operation pressure: 2.5 Bar.
- Filtration velocity of 1.8 m³/hr/m²



Code	Filtration area	Valve Connections	Max Flow Rate	Dimension (mm)		
	m²		m³/h	A (Height)	B	C
08/510	2.25	1.5"	5.5	445	387	225
08/511	4.63	1.5"	11.4	625	567	225
08/512	7	1.5"	17.0	805	747	225
08/513	9.4	2"	22.9	985	927	225
08/514	13.72	2"	33.4	1165	1107	225
08/515	16.632	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)	
08/510 C	183	1845	45
08/511 C	183	3645	45
08/512 C	183	5445	45
08/513 C	183	7245	45
08/514 C	183	9045	45
08/515 C	183	1078	45

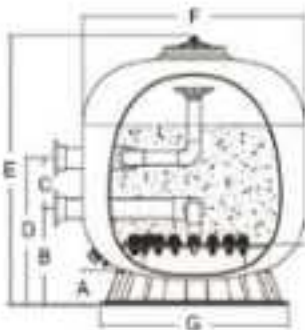
Atecpool Bobinados Commercial

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/cm².
Filters with 4kg/cm² working pressure can be made on request.
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration.
- Spiral cover system supports the operations of opening and closing.
- Filters supplied with flange connection from 3" to 8" for connection to a battery of 4/5 butterfly valves.



- For ozone applications, filters can be lined with vinyl-ester on demand.
- Standard internal distribution system: collector arms.
- The distance between the upper part of the sand layer and the diffuser head is increased to ensure greater distribution of water in the filtration phase and 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



Code	Diameter	Filtration Velocity	Flow Rate	Valve Connections	Filtration Area	Sand	Gravel
	Ø mm	m³/h/m²	m³/h	inches	m²	kg	kg
06831200	1200	30	33	3"	113	900	300
		40	45				
06831400	1400	30	46	4"	154	1350	500
		40	61				
06831600	1600	30	60	4"	201	2300	750
		40	80				
06831800	1800	30	76	6"	254	2900	900
		40	101				
06832000	2000	30	94	6"	314	4000	1150
		40	125				
06832350	2350	30	130	8"	434	6000	1600
		40	173				
06832500	2500	30	147	8"	490	6700	1800
		40	196				

Code	Diameter	A	B	C	D	E	F	G
	Ø mm							
06831200	1200	170	565	350	95	140	1200	1000
06831400	1400	190	565	350	95	1570	1400	1220
06831600	1600	200	650	350	1000	1780	1620	1365
06831800	1800	220	690	485	1125	2040	1790	1630
06832000	2000	220	770	485	1185	2210	1945	1630
06832350	2350	230	950	550	1500	2530	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/cm².

Testing pressure: 4kg / cm².

Operating Water Temperature: 1-50°C

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

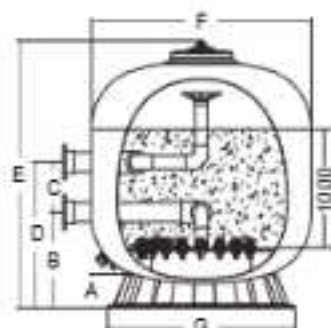
Filter diameters ranges from 1050 - 2200 mm.

Developed to meet the most demanding installations for:

- Olympic pools, semi-olympic pools, aquatic parks and water treatment.
- Maximum working pressure: 25 kg/cm².
Filters with 4 kg/cm² working pressure can be made on request.
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration.
- Spiral cover system supports the operations of opening and closing.

- Filters supplied with flange connection from 3" to 8" for connection to a battery of 4/5 butterfly valves.
- For ozone applications, filters can be lined with vinyl-ester on demand.
- Standard internal distribution system: collector arms
- The distance between the upper part of the sand layer and the diffuser head is increased to ensure greater distribution of water in the filtration phase and avoid sand spill into the laterals during backwashing.

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



Standard internal distribution system



Nozzle plate internal distribution system

Recommended to be used with Activated Filtration Media



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 40	25.8 34.4	3"	0.86	1105	265
06852000	1200	30 40	33.9 45.2	3"	1.13	1470	380
06854000	1400	30 40	46.2 68.6	4"	1.54	1980	480
06856000	1600	30 40	60.3 80.4	4"	2.01	2600	500
06858000	1800	30 40	76.2 101.6	6"	2.54	3110	620
06852000	2000	30 40	94.2 125.6	6"	3.14	4030	730
06852200	2200	30 40	114 152	8"	3.80	4940	1440

Code	Diameter	A	B	C	D	E	F	G
	Ø mm							
06851050	1050	170	625	150	1175	1896	1050	960
06852000	1200	190	630	150	1180	1896	1200	995
06854000	1400	200	630	150	1180	1896	1400	1220
06856000	1600	220	770	490	1210	1996	1600	1365
06858000	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



Options:

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



Maximum working pressure:
25 kg/cm²
Testing pressure: 4kg / cm².
Max water temperature: 43°C

Note:

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

Atecpool Inox AISI 316

Stainless Steel Filter

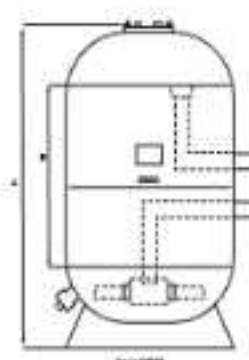
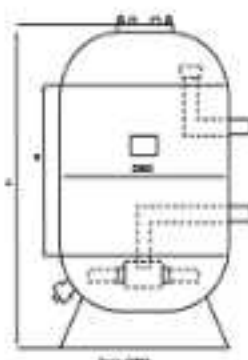
Atecpool Zodiac Stainless Steel AISI 316 Filter

- 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) 15 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

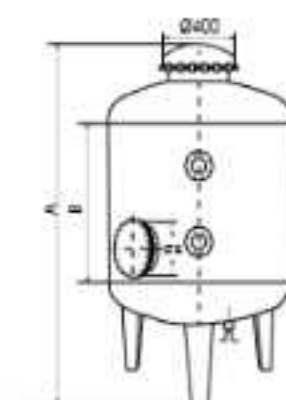
Code	Diameter Ø	Flow Rate (m ³ /h)	Filtration Area m ²	Valve Connection	Sand	Dimensions (mm)	
	mm	m ³ /h	m ²		kg	A	B
77500	580	11	0.26	2"	150	950	500
78000	900	31	0.66	2"	500	1343	750



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
78200	1200	57	1.13	3" flange	1150	2180	1225	Ø300
78400	1400	78	1.54	4" flange	2260	2230	1225	Ø300
78600	1600	101	2.01	4" flange	3100	2410	1230	Ø300
78800	1800	127	2.54	6" flange	3850	2470	1230	Ø300
780000	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.

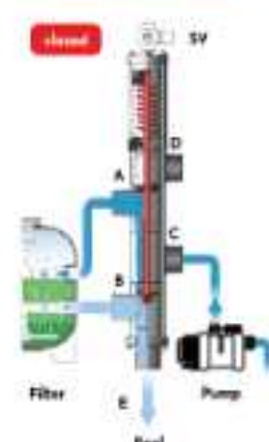


Code	Description	Connection	Flow Rate
		Inches	m³/h
AV303	DN40 / D50	1.5"	20
AV201	DN50 / D63	2"	30
AV301	DN63 / D75	2.5"	45
AV340	DN80 / D90	3"	65
AV501	DN100 / D110	4"	95



Filtration mode

Solenoid valve closed



Backwash mode

Solenoid valve open



References:

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



Control Panel



Air compressor



Pressure switch

Accessories

- **Control Panel** for Besgo operation.
- **Air Compressor** 11kW, 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
BCPD	Control Panel for Besgo Valve
AC25	Air Compressor 11 kW / 230V / 0.8 bar
BP25	Pressure Switch with connection kit



Atecpool Multiport Valves

Six-way valves

Functions

- Filter: Normal filtration and vacuuming
- Backwash: Clears 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
00001	151 1 5/8"	Black	3.0	0.07

2" TOP multiport valve ELECTA



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00004	203 8"	Black	5	0.09

1½" SIDE multiport valve ELECTA



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00005	151 1 5/8"	Black	3.0	0.07

2" SIDE multiport valve ELECTA



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00006	203 8"	Black	5	0.09

1½" TOP multiport valve BOBINADOS SERIE



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00000	151 1 5/8"	Black	3.0	0.07

2" TOP multiport valve BOBINADOS SERIE



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00003	203 8"	Black	5	0.09

1½" SIDE multiport valve BOBINADOS SERIE



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00002	151 1 5/8"	Black	3.0	0.07

2" & 2½" SIDE multiport valve BOBINADOS SERIE



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00008	203 8"	Black	5	0.09
00009	254 10"	Black	7	0.10

50mm TOP multiport valve OCEA Filter



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00007	151 1 5/8"	Black	3.0	0.07

63 mm TOP multiport valve OCEA Filter



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00003	203 8"	Black	5	0.09

50mm SIDE multiport valve OCEA Filter



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00005	151 1 5/8"	Black	3.0	0.07

63 mm SIDE multiport valve OCEA Filter



Code	Dimension	Colour	Weight	Volume package
	mm inch		kg	m³
00006	203 8"	Black	5	0.09



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

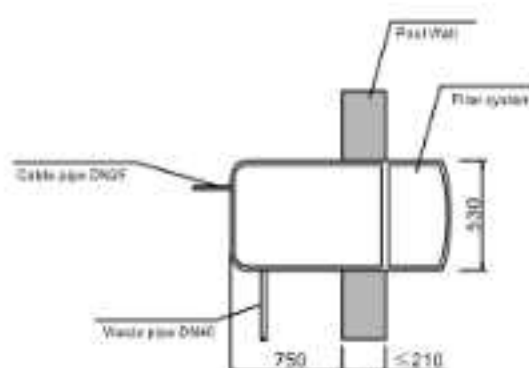
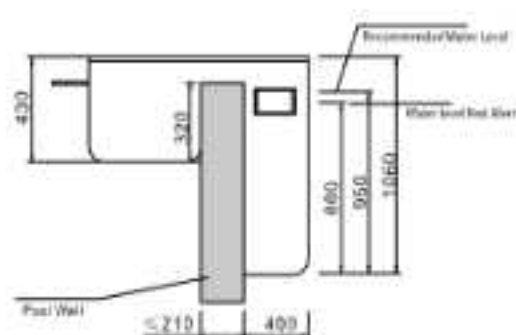
- Dimensions: 1450 x 530 x 1060 mm
- Flow Rate: 25 m³/h
- Voltage: 220-240V / 50 Hz or 60 Hz
- Precision of filtration bag: $\leq 5\mu\text{m}$
- Operation noise: $\leq 50\text{ dB}$
- Material: ABS
- Installation: Wall mounting

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 m ³ /hr



Wall Mounted Filter Pipeless

Pools until 45 m² max.

Length max.: 7 m

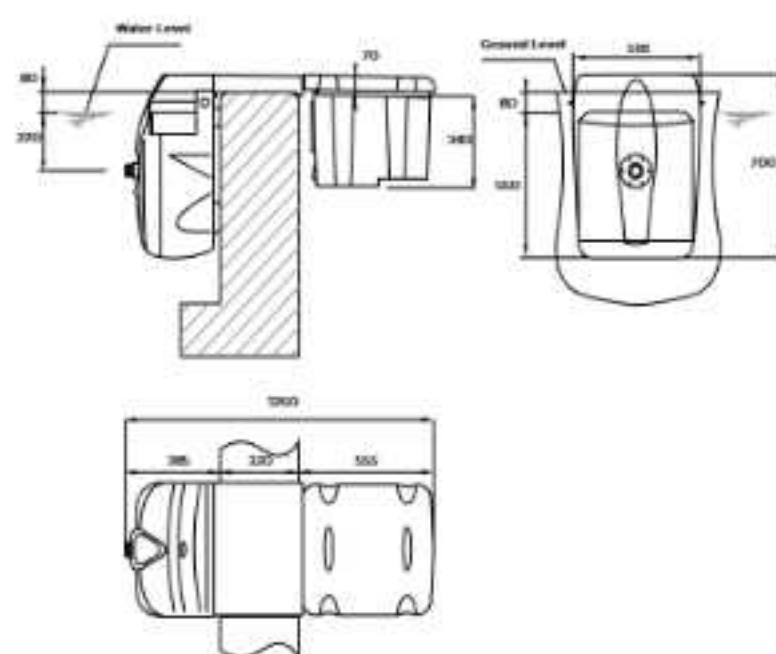
Compak Kit WPCKIT12 - Wall Mounted Filter

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



12 m³/h in
filtration

Piping PVC 16 bar

Pump 0.5 kW
220V

Cartridge Filters
25μ / 4,5 m²

Code	Description
WPCKIT12	Compak Kit Wall Mounted Filter 12 m ³ /h

Equipment

Filtration Pump	12 m ³ /h 0.5Kw
2 cartridges	Area : 4,5 m ² / Fineness : 25μ
LED light	30 Led - 45 W
Body	ABS-PMMA materials (thermoformed)

Optional

- Colored LED light + remote control

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: $\leq 5 \mu\text{m}$
- Operation noise: $\leq 50 \text{ dB}$
- Material: ABS
- Installation: Wall mounting

Code	Description
WPCKIT25X	Compak Kit Wall Mounted Filter 25 m ³ /h
WPCKIT35X	Compak Kit Wall Mounted Filter 35 m ³ /h

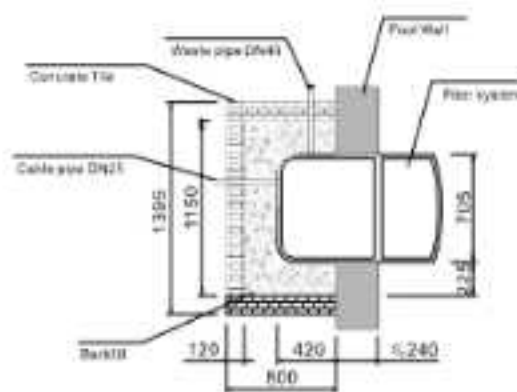
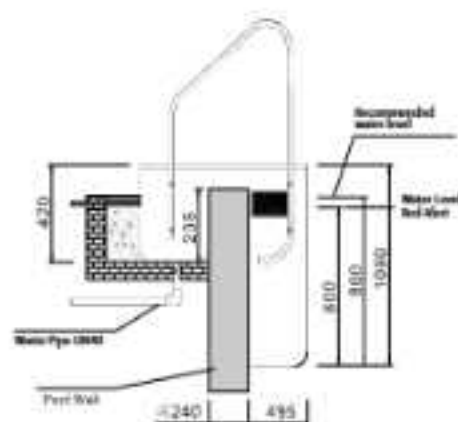
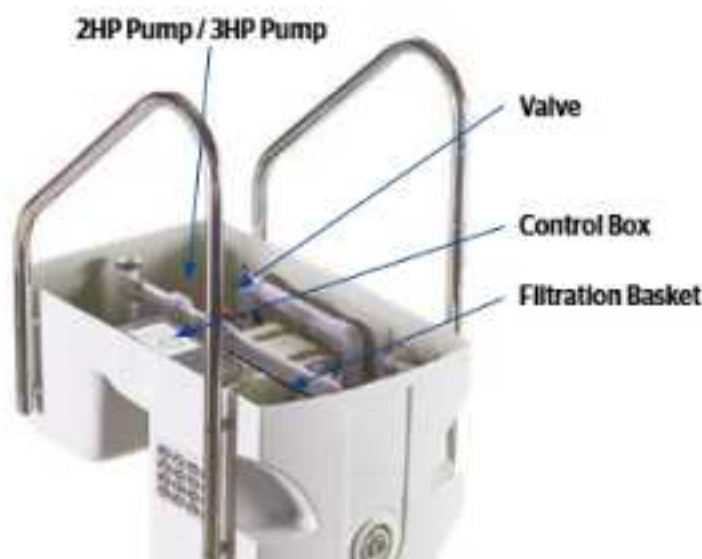


Equipment: WPCKIT25X Technical Data

Filtration Pump	1 x 2HP 25 m ³ /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 m ³ /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

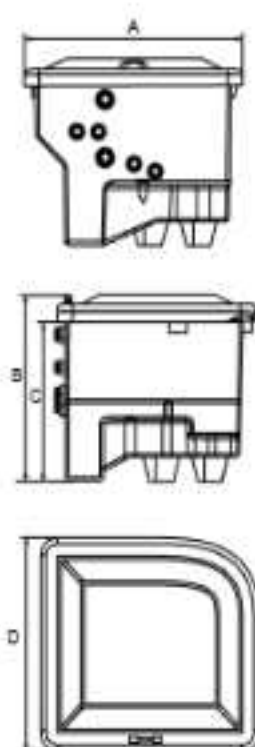
Housings without Inner Assembly

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)
0859	Caseta I	1330	1055	905	1210	Filter Ø620 mm Dia, 1.5 HP pump, Booster pump, submersible pump.
0850	Caseta II	1400	1220	1080	1340	Filter Ø700 mm Dia, 2 HP pump, Booster pump, submersible pump.
0851	Caseta III	1730	1315	1170	1630	Filter Ø900 mm Dia, 3 HP pump, Booster pump, submersible pump.

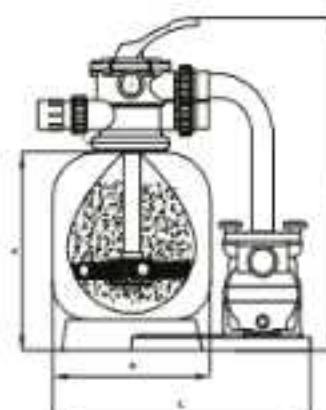
Empty filtration housing, no equipment included.

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
099M00	Ø410	micro 0.33 HP	515	750	410	770	1"½ - 50	34
099M10	Ø410	micro 0.51 HP	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	m³/h	inches	HP	kW	µF	Voltage
06990450	450	7	1 1/2"	0.5	0.37	16	230 - 400V
06990530	530	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			
	m²	m³/h	inches	HP	kW	µF	Voltage
00595005	2.3	5.5	1 1/2"	0.5	0.37	16	230 - 400V
0059507	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
06997630	9.4	22.9	2"	1.5	1	30	230 - 400V



Atecpool Activated Filtration Media

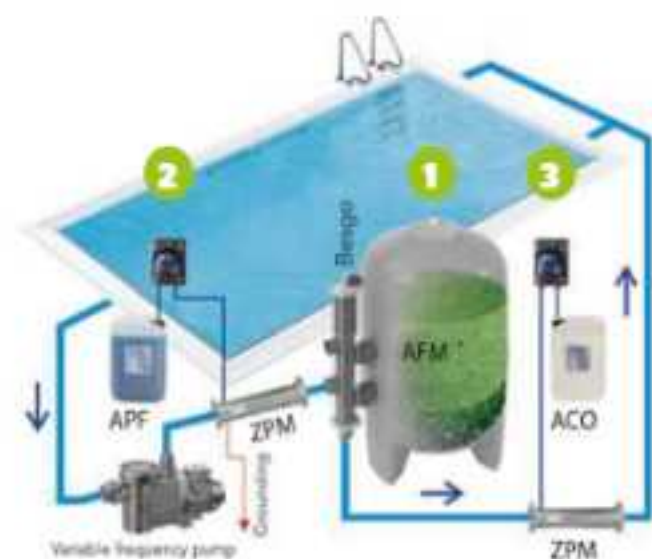
AFM^{®ng}

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 AFM^{®ng} / 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.com

Atecpool Filtration Media

AFM[®]ng, Sand & Gravel

Atecpool AFM[®] is a unique bio resistant filter media

AFM[®] was the most effective filter media, AFM[®] ng 1 achieved 946 % at 1 micron at 20 m³/hr (8 gpm/ft²).

The data also confirms AFM[®] 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[®]1: Filters 95% of all particles down to 1 micron.

AFM[®]2: 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.



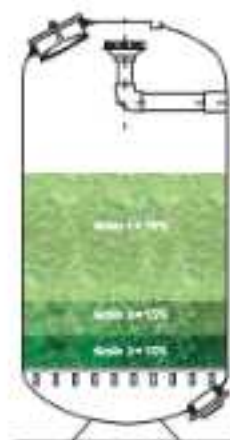
Filter filling:

50 % AFM[®] 1

25 % AFM[®] 2 as supporting layer

25 % AFM[®] 3 as supporting layer

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



Code	Granulometry	Units	Weight kg	Volume package m ³
AFM [®] 1	0.4 - 0.8 mm	1	25	0.667
AFM [®] 2	0.7 - 2.0 mm	1	25	0.667
AFM [®] 3	2.0 - 4.0 mm	1	25	0.667

Filtration Media Silica Sand

50 kg bag

Code	Granulometry	Units	Weight kg	Volume package m ³
1000001	0.4-0.8 mm	1	50	0.8



Gravel

50 kg bag

Code	Granulometry	Units	Weight kg	Volume package m ³
1000002	1.0-2.0 mm	1	50	0.8
1000003	3.0-5.0 mm	1	50	0.8





POOL SURROUND



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.



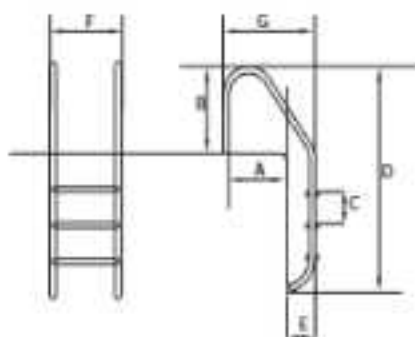
Designed and built to provide a secure pool environment with maximum relaxation.

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	480	620	250	1300	180	500	680
3	480	620	250	1550	180	500	680
4	480	620	250	1800	180	500	680
5	480	620	250	2050	180	500	680

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	(m³)
2 steps standard	D000075-5	100	0.07
3 steps standard	D000075-6	110	0.08
4 steps standard	D000075-7	122	0.09
5 steps standard	D000075-8	140	0.10

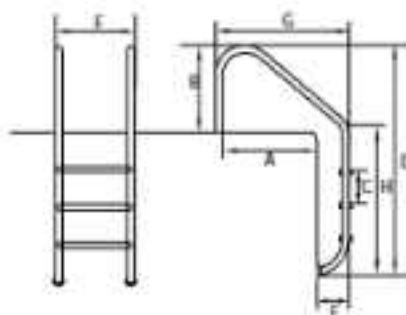
Deluxe S.S. 304



	Code	Weight	Volume
	AISI 304	(kg)	(m³)
2 steps standard	D000075-1	100	0.07
3 steps standard	D000075-2	110	0.08
4 steps standard	D000075-3	122	0.09
5 steps standard	D000075-4	140	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)	(mm)
2	257	620	250	1380	180	500	957	700
3	257	620	250	1640	180	500	957	960
4	257	620	250	1890	180	500	957	1210
5	257	620	250	2140	180	500	957	1460

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	(m³)
2 steps overflow	D000075-13	100	0.07
3 steps overflow	D000075-14	120	0.09
4 steps overflow	D000075-15	140	0.10
5 steps overflow	D000075-16	150	0.11

Deluxe S.S. 304

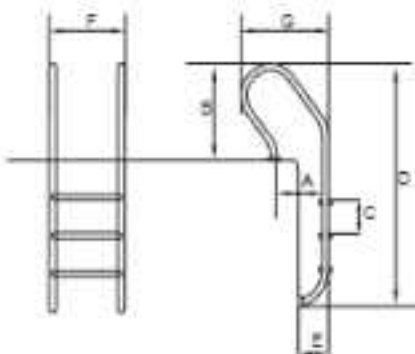


	Code	Weight	Volume
	AISI 304	(kg)	(m³)
2 steps overflow	D000075-9	100	0.07
3 steps overflow	D000075-10	120	0.09
4 steps overflow	D000075-11	140	0.10
5 steps overflow	D000075-12	150	0.11

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	100	620	250	1000	180	500	680
3	100	620	250	1150	180	500	680
4	100	620	250	1300	180	500	680
5	100	620	250	2050	180	500	680

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	(m³)
2 steps mixed	D000215-21	100	0.07
3 steps mixed	D000215-22	118	0.08
4 steps mixed	D000215-23	132	0.08
5 steps mixed	D000215-24	140	0.10

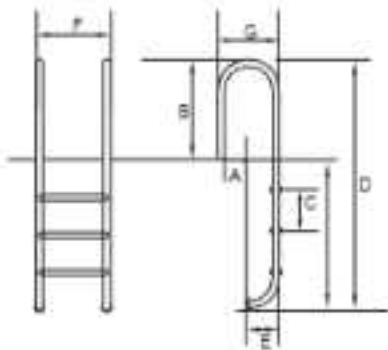
Deluxe S.S. 304



	Code	Weight	Volume
	AISI 304	(kg)	(m³)
2 steps mixed	D000215-17	100	0.07
3 steps mixed	D000215-18	118	0.08
4 steps mixed	D000215-19	132	0.08
5 steps mixed	D000215-20	140	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	100	620	250	1000	180	500	345
3	100	620	250	1150	180	500	345
4	100	620	250	1300	180	500	345
5	100	620	250	2050	180	500	345

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	(m³)
2 steps muro	D000000	100	0.07
3 steps muro	D000000	118	0.08
4 steps muro	D000400	132	0.08
5 steps muro	D000500	140	0.10

Deluxe S.S. 304

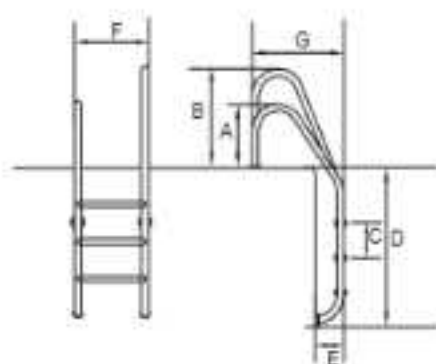


	Code	Weight	Volume
	AISI 304	(kg)	(m³)
2 steps muro	D000000-1	100	0.07
3 steps muro	D000000-1	118	0.08
4 steps muro	D000400-1	132	0.08
5 steps muro	D000500-1	140	0.10

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	1250	180	500	738
4	620	920	250	1800	180	500	738
5	620	920	250	2050	180	500	738

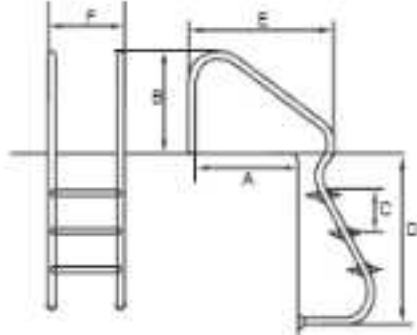
Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	m³
2 steps asymmetrical	E00020001	13.0	0.07
3 steps asymmetrical	E00030001	13.8	0.08
4 steps asymmetrical	E00040001	14.2	0.08
5 steps asymmetrical	E00050001	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	182	500
3	490	620	250	1700	182	500
4	490	620	250	1950	182	500

Deluxe S.S. 316
Double safety tread



	Code	Weight	Volume
	AISI 316	(kg)	m³
2 steps easy access	E0002000	15	0.07
3 steps easy access	E0003000	16	0.08
4 steps easy access	E0004000	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.

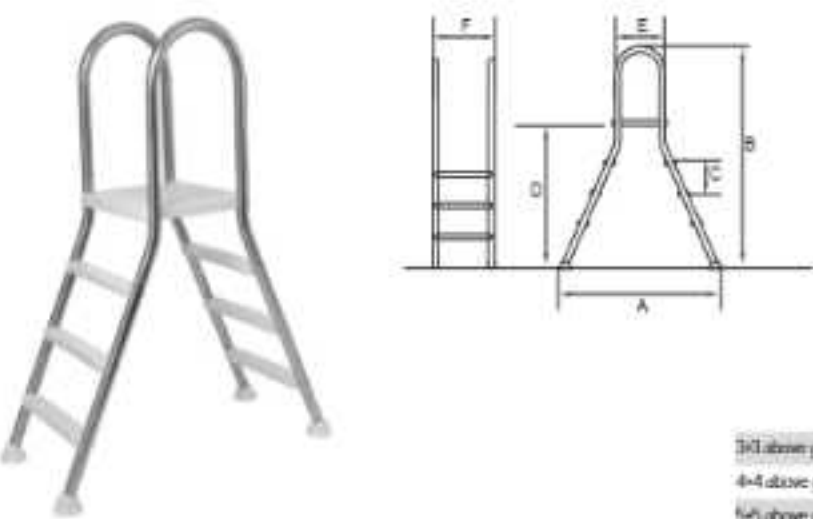


Steps	C	D	E	F
	(mm)	(mm)	(mm)	(mm)
2	250	500	180	500
3	250	750	180	500
4	250	1000	180	500
5	250	1250	180	500

	Code	Weight	Volume
	AISI 316	(kg)	(m³)
2 steps split	1300025	115	0.07
3 steps split	1300075	165	0.08
4 steps split	1300045	165	0.08
5 steps split	1300055	175	0.08

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.

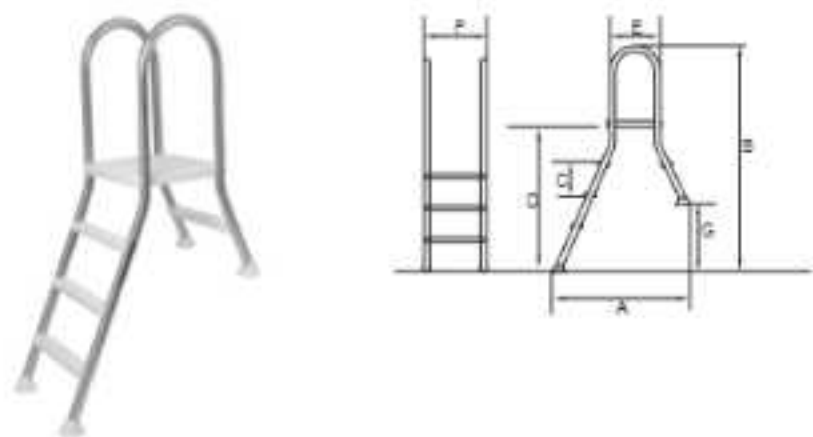


Steps	A	B	C	D	E	F
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
3+3	1100	1680	250	1000	375	500
4+4	1100	1900	250	1200	375	500
5+5	1100	2100	250	1400	375	500

Pool Height	Code	Weight	Volume
	AISI 316	(kg)	(m³)
3+3 above ground	11m D+D Steps + platform	1100	0.07
4+4 above ground	125m D+D Steps + platform	1100	0.08
5+5 above ground	150m D+D Steps + platform	1100	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.



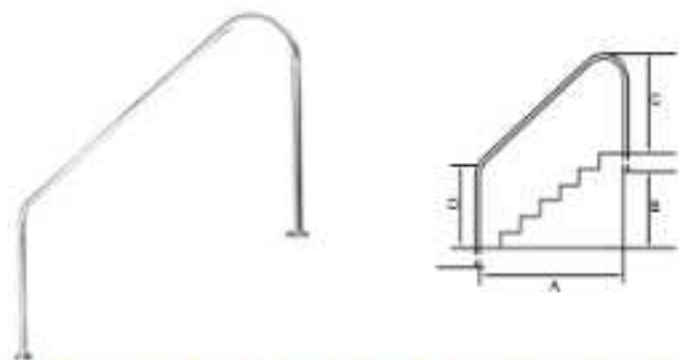
Steps	A	B	C	D	E	F
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
3+1	920	1680	250	1000	375	500
4+1	1025	1900	250	1200	375	500
5+1	1130	2100	250	1400	375	500

	Code	Weight	Volume
	AISI 316	(kg)	(m³)
3+1 partially in ground	1300435/1	110	0.07
4+1 partially in ground	1300445/1	210	0.08
5+1 partially in ground	1300455/1	210	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			(m³)	(kg)	(mm)	(mm)	(mm)	(mm)
DC00006	12 m	3	0.04	40	1000	660	117	752
DC00006-1	15 m	4	0.06	45	1500	1025	117	752
DC00006-2	18 m	5	0.09	49	1800	990	117	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	(m³)	(kg)	(mm)	(mm)	(mm)	(mm)
DC00007	0.041	40	1009	567	254	1173

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	(m³)	(kg)	(mm)	(mm)	(mm)	(mm)
DC00008	0.05	51	1260	1197	117	200

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	(m³)	(kg)	(mm)	(mm)	(mm)
DC00009	0.08	70	500	1000	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	(m³)	(kg)	(mm)	(mm)	(mm)	(mm)
DC00010	0.08	70	1180	1050	500	250

Two Piece Grab Rail Parallel

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



Code	Volume	Weight	A	B	C
AISI 316	(m³)	(kg)	(mm)	(mm)	(mm)
DC00011	0.08	70	1100	984	500

Pool Access Ladders

Accessories

Anchor Socket

Made of plastic, suitable for Ø42 mm pipe.



Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
990000006	AIS	Ø42	18x9x7	0.25	2

Deluxe Anti-Slip Step AISI 304 & AISI 316



Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
990000024	AISI 304	500x86x25	0.0035	0.6	1
990000032	AISI 316	500x86x25	0.0035	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)	
990000008	AISI 316	Ø42	8x6x6x3	1.21	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)	
990000007	AISI 316	Ø42	8x6x6x3	1.252	2

Rubber Bumper

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



Code	Size	Unit
	(mm)	
990000000	Ø25 / Ø42	30

Articulated Anchor

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

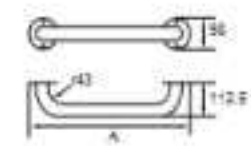


Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
990000009	AISI 316	Ø42	18x6x6x3	1.224	2

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)	(m³)	(kg)
0006001	500	0.009	15
0006002	1000	0.016	2.2
0006003	1500	0.023	3.8
0006004	2000	0.030	5.4
0006005	3000	0.044	8.8

Straight Handrail Tube

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



Code	Length	Volume	Weight
	(mm)	(m³)	(kg)
0006019	1000	0.00664	117
0006020	2000	0.00863	2.34
0006021	3000	0.0082	3.18

Handrail Tube connector straight

AISI 316 stainless steel for joining Ø42 mm pipes

Code	Size	Volume	Weight
	(mm)	(m³)	(kg)
0006022	Ø42	0.000253	0.16



Handrail Tube connector bend

AISI 316 stainless steel for joining Ø42 mm pipes.

Code	Size	Volume	Weight
	(mm)	(m³)	(kg)
0006023	Ø42	0.000264	0.25



Handrail Brackets with base plate

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



Code	Size	Volume	Weight
	(mm)	(m³)	(kg)
0006025	Ø42	0.0005	0.18

Bracket closed at one end

AISI 316 stainless steel closed brackets for Ø42 mm handrails.

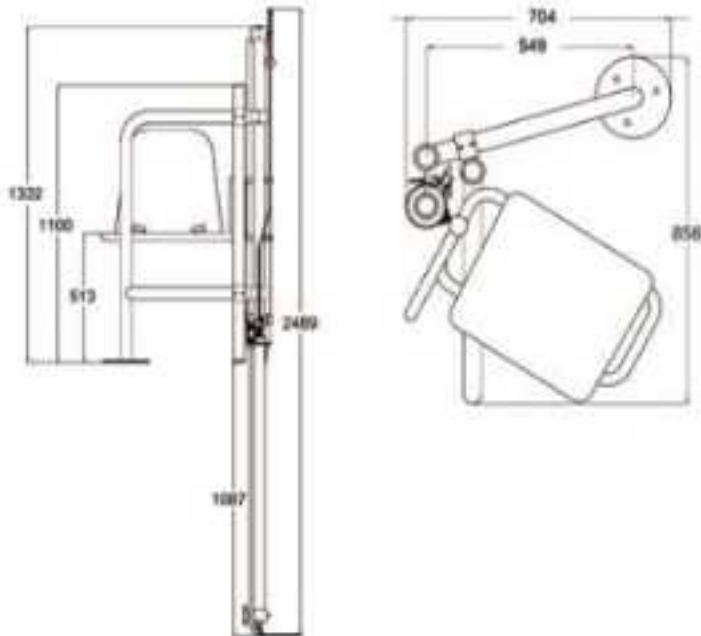


Code	Size	Volume	Weight
	(mm)	(m³)	(kg)
0006026	Ø42	0.0005	0.20

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: 150°
- 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
		m³	kg
1000200	Hydraulic lift	0.029	405

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
40A11	Battery Operated Pool Lift / No Anchors	80
04CA	Anchor Kit Standard 4 Points	11

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
	mm	kg	m³
0019400	Ø42	25	0.01

Lifebuoy Ring

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



Code	Weight	Volume	Exterior	Interior
	kg	m³	Ø mm	Ø mm
000090	2.0	0.06	700	460

Lifebuoy Ring Holder

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



Code	Material	Weight	Volume
		kg	m³
0019401	AISI 304	0.7	0.01

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	m³
0019403	Aluminum	0.4	0.01

Lifebuoy Hook

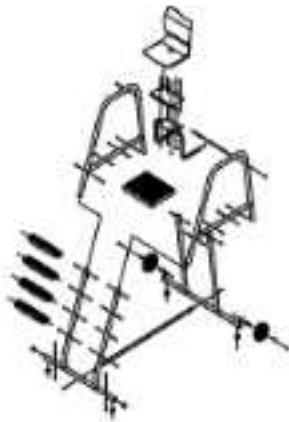
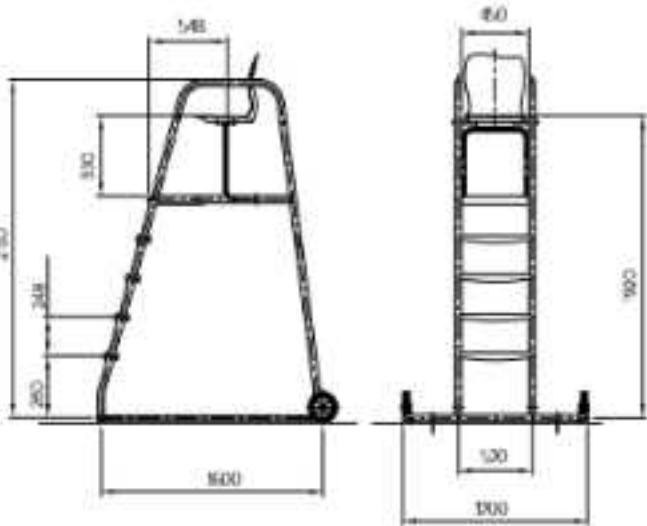
Stainless steel hanger with clip-type connection to telescopic poles.



Code	Material	Weight	Volume
		kg	m³
0019405	AISI 304	1.45	0.01

Lifeguard Chair

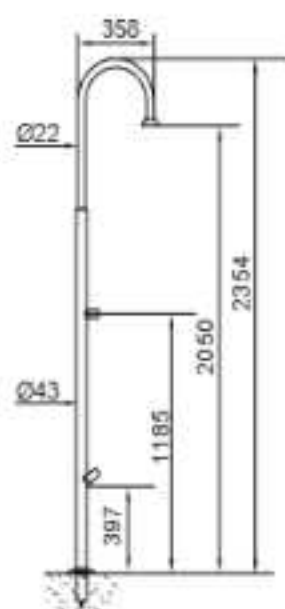
Made of stainless steel AISI 304, Ø43 mm pipe. Wheeled base with steps, platform and chair made of plastic. Lifeguard Chair equipped with wheel locking mechanism and umbrella slot as optional additions. AISI 316 on request.



Code	Description	Height
		cm
0077010	Respool Lifeguard Chair in AISI 304	1.2
0077011	Respool Lifeguard Chair in AISI 316, wheel locking, umbrella provision	1.8

Atecpool Shower & Curtains

Stainless Steel



Standard Shower Single Head

With Footwisher

Specifications

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

Code	Type	Weight	Volume
		(kg)	(m³)
0007040	Manual	53	0.04

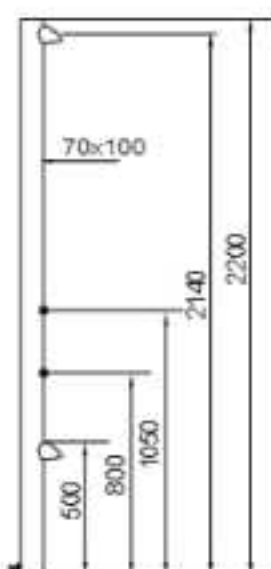
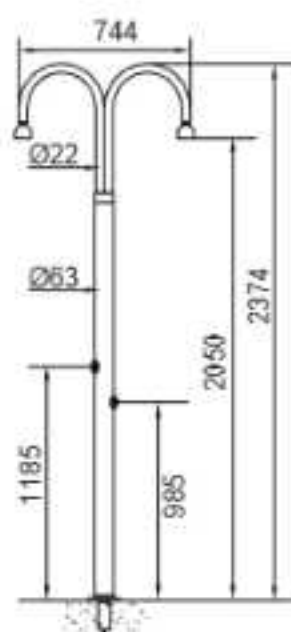
Shower Double Head

With Footwisher auto & manual

Specifications

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

Code	Type	Weight	Volume
		(kg)	(m³)
0006042	Manual	80	0.05
0007042	Automatic	80	0.05



Oval Shower

With Footwisher

Specifications

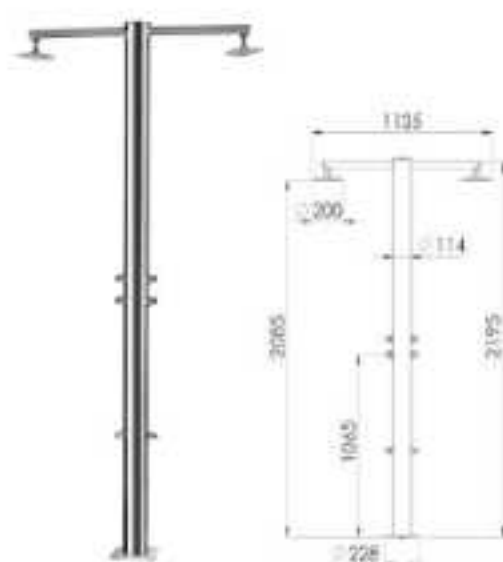
- Stainless steel tube AISI 304L Ø84 mm
- Shower taps: chrome-plated automatic valve w/ trims
- Footwisher: Taps chrome-plated automatic valve with trim

Code	Type	Weight	Volume
		(kg)	(m³)
0006045	Automatic	12	0.003

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 kgp	Volume cm³
0006039	Nettuno Shower	29	005

Saturno Luxury Shower

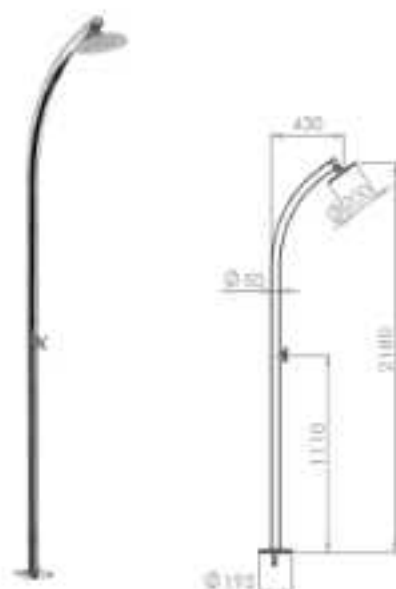


Specifications

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

Code	Type	Weight kgp	Volume cm³
0006047	Saturno Shower	18	005

Hera Luxury Shower

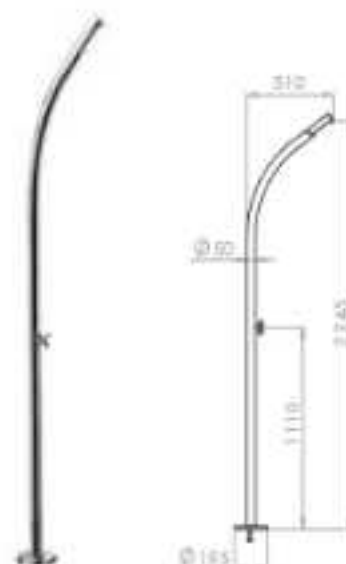


Specifications

- 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 kgp	Volume cm³
0006049	Hera Shower	10	005

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 kgp	Volume cm³
0006048	Hera Rece Shower	10	005

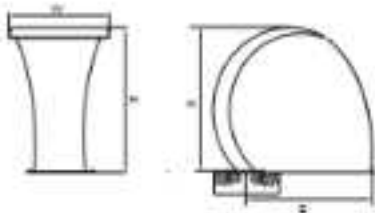
Ornamental Water Features

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.

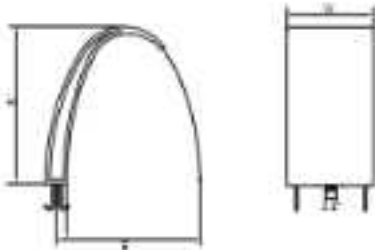
- Water curtain w/ 400mm width - connection size 1.5"
- Water curtain w/ 500/600mm width - connection size 2"

Water Curtain Ball



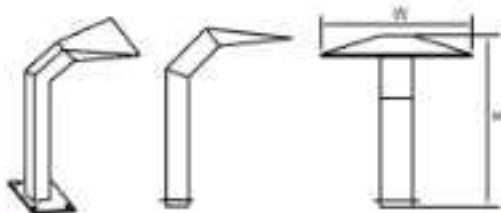
Code	Flow	Height	Width	Distance
AISI 316	cm³/s	H (mm)	W (mm)	E (mm)
CBG400	16	400	400	420
CBG500	18	500	500	440
CBG600	25	600	600	550
CBG700	25	700	600	600
CBG800	25	800	600	640
CBG900	25	900	600	680
CBG1000	25	1000	600	980
CBG1200	25	1200	600	990
CBG1400	25	1400	600	1000

Water Curtain Classy



Code	Flow	Height	Width	Distance
AISI 316	cm³/s	H (mm)	W (mm)	E (mm)
CBG600	25	600	600	560
CBG700	25	700	600	680
CBG800	25	800	600	640
CBG900	25	900	600	990
CBG1000	25	1000	600	1200
CBG1200	25	1200	600	1400
CBG1400	25	1400	600	1500

Water Curtain Straight



Code	Flow	Height	Width
	cm³/s	H (mm)	W (mm)
CBG600	18	600	500
CBG700	18	700	500
CBG800	18	800	500
CBG900	25	900	600
CBG1000	25	1000	600
CBG1200	25	1200	600

Ornamental Water Features

Water Curtains

Water Curtain Eco

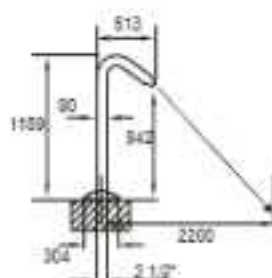
Made of AISI 316 stainless steel for massage and relaxation with the best aesthetic looks. Available in mat or mirror polished finish. Selection of pump based on the flow mentioned. Connection 2".



Code	Flow cm ³ /h	Height H (mm)	Width W (mm)
0106080	21	800	600
0106090	21	900	600
0106100	21	1000	600
0106000	21	1200	600
0106040	21	1400	600

Cannon Jet Capri

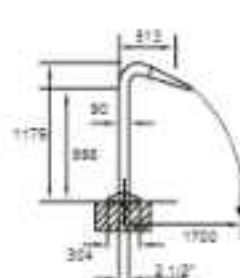
Made of AISI 316 stainless steel with circular nozzle-type mouth for maximum pressure, anchors required.



Code	Flow rate cm ³ /h	Weight kg	Volume cm ³
AISI 316			
14200029	20	0.8	0.005

Cannon Jet Capri Flat

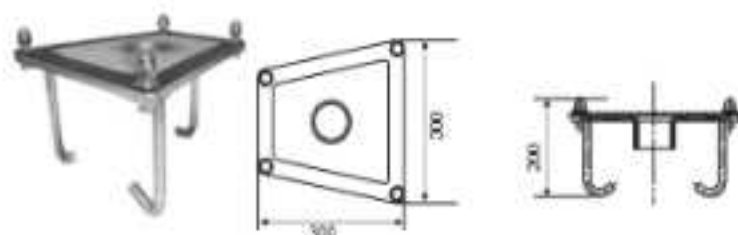
Made of AISI 316 stainless steel with flat mouth, anchors required.



Code	Flow rate cm ³ /h	Weight kg	Volume cm ³
AISI 316			
14200030	22	0.8	0.005

Anchor for Water Curtain

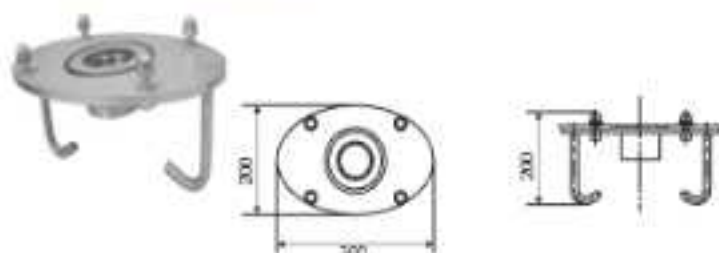
Made of AISI 316 stainless steel with two connections (1.5" and 2") to Water Curtains.



Code	Connection Inch	Weight kg	Water Curtain Width (mm)
AISI 316			
14200001	1.5	4.25	400
14200002	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 Inch	Weight kg	Volume cm ³
AISI 316			
14200008	2.5	1.25	0.008

Ornamental Water Feature

Waterfall Collection

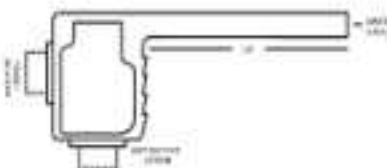
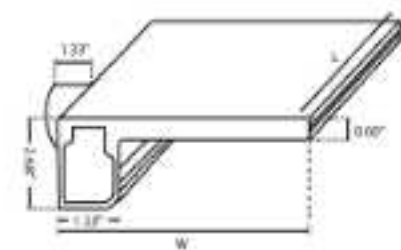
Waterfall Collection

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.

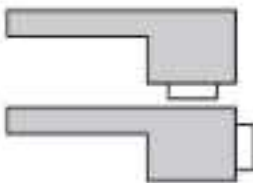
Classic Waterfall

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.



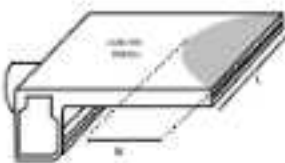
Color	Description	Result at 1 Meter Height	Width	Length
Rear Inlet	Bottom Inlet	GPM / Projection	Inches	Inches
4000-1001	4000-001	12" waterfall with 1" lip	38"	12.36"
4000-1006	4000-006	12" waterfall with 6" lip	80"	
4000-1009	4000-009	12" waterfall with 9" lip	110"	
4000-1012	4000-012	12" waterfall with 12" lip	140"	
4000-1801	4000-801	18" waterfall with 1" lip	38"	18.23"
4000-1806	4000-806	18" waterfall with 6" lip	80"	
4000-1809	4000-809	18" waterfall with 9" lip	110"	
4000-1812	4000-812	18" waterfall with 12" lip	140"	
4000-2401	4000-2401	24" waterfall with 1" lip	38"	24.07"
4000-2406	4000-2406	24" waterfall with 6" lip	80"	
4000-2409	4000-2409	24" waterfall with 9" lip	110"	
4000-2412	4000-2412	24" waterfall with 12" lip	140"	
4000-3601	4000-3601	36" waterfall with 1" lip	38"	36.67"
4000-3606	4000-3606	36" waterfall with 6" lip	80"	
4000-3609	4000-3609	36" waterfall with 9" lip	110"	
4000-3612	4000-3612	36" waterfall with 12" lip	140"	
4000-4801	4000-4801	48" waterfall with 1" lip	38"	42.06"
4000-4806	4000-4806	48" waterfall with 6" lip	80"	
4000-4809	4000-4809	48" waterfall with 9" lip	110"	
4000-4812	4000-4812	48" waterfall with 12" lip	140"	
4000-6001	-	60" waterfall with 1" lip	38"	59.08"
4000-6006	-	60" waterfall with 6" lip	80"	
4000-6009	-	60" waterfall with 9" lip	110"	
4000-6012	-	60" waterfall with 12" lip	140"	



Back or Bottom Port



Filtered Water Only



Radius Cut Compatible

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

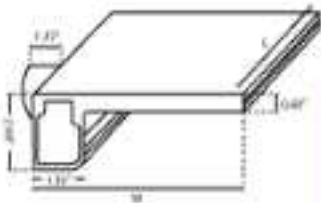
Ornamental Water Feature

Waterfall Collection

Arch Waterfall

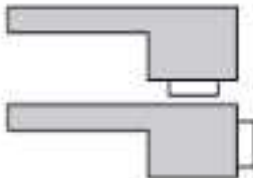
Specifications

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

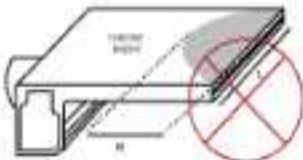


Colour	Description	Result at 1 Meter Height	Width	Length
Rear Inlet	Bottom Inlet	GPM / Projection	(W)	(L)
4700-1201	4701-1201	14 gpm / 17"	18"	12.6"
4700-1206	4701-1206		30"	
4700-1209	-		140"	
4700-1801	4701-1801	22 gpm / 17"	18"	18.5"
4700-1806	4701-1806		30"	
4700-1809	-		140"	
4700-2401	4701-2401	26 gpm / 17"	18"	24.5"
4700-2406	4701-2406		30"	
4700-2409	-		140"	
4700-3601	4701-3601	28 gpm / 17"	18"	36.0"
4700-3606	4701-3606		30"	
4700-3609	-		140"	
4700-4801	4701-4801	43 gpm / 17"	18"	48.0"
4700-4806	4701-4806		30"	
4700-4809	-		140"	

Important: All pool waterfalls are to be used only with filtered water



Back or Bottom Port



Radius Cut Not Compatible

Rain Waterfall



Specifications

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

Colour	Description	Result at 1 Meter Height	Width	Length
Rear Inlet	Bottom Inlet	GPM / Projection	(Inches)	(Inches)
4800-1206	4801-1206	10 gpm / 27"	30"	12.75"
4800-1209	4801-1209		110"	
4800-1212	-		140"	
4800-2406	4801-2406	23 gpm / 18"	30"	24.25"
4800-2409	4801-2409		110"	
4800-2412	-		140"	
4800-3606	4801-3606	30 gpm / 18"	30"	36.075"
4800-3609	4801-3609		110"	
4800-3612	-		140"	
4800-4806	4801-4806	43 gpm / 20"	30"	50.25"
4800-4809	4801-4809		110"	
4800-4812	-		140"	

Streamfalls



Specifications

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

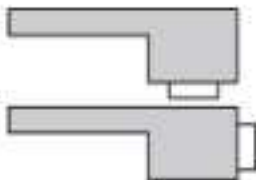
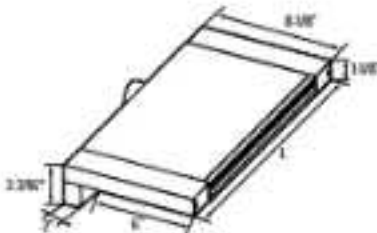
Colour	Description	Result at 1 Meter Height	Width	Length
Rear Inlet		GPM / Projection	(Inches)	(Inches)
4900-1206	12" waterfall with 6" lip	10 gpm / 18"	30"	12.75"
4900-1209	12" waterfall with 9" lip		110"	
4900-1212	12" waterfall with 12" lip		140"	
4900-1801	18" waterfall with 6" lip	10 gpm / 18"	30"	18.5"
4900-1806	18" waterfall with 9" lip		110"	
4900-1809	18" waterfall with 12" lip		140"	
4900-2401	24" waterfall with 6" lip	15 gpm / 15"	30"	24.5"
4900-2406	24" waterfall with 9" lip		110"	
4900-2409	24" waterfall with 12" lip		140"	
4900-3601	36" waterfall with 6" lip	21 gpm / 15"	30"	36.0"
4900-3606	36" waterfall with 9" lip		110"	
4900-3609	36" waterfall with 12" lip		140"	
4900-4801	48" waterfall with 6" lip	26 gpm / 20"	30"	48.0"
4900-4806	48" waterfall with 9" lip		110"	
4900-4809	48" waterfall with 12" lip		140"	

Ornamental Water Feature

LED Waterfalls

LED Waterfalls

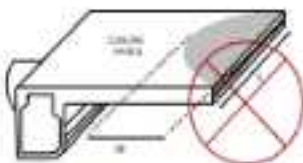
The LED Waterfalls are the premier lighted waterfalls in the pool industry. The LED Strip is built into the unit (instead of using external fiber optics), placing the light as close to the water as possible. Amazingly, this impeccable LED does not need any external accent light source.



Back or Bottom Port



Filtered Water Only



Radius Cut Not Compatible

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



Every LED Waterfall Includes



1 Waterfall Unit



1 Rock Trap



305 M Cable



To be purchased separately

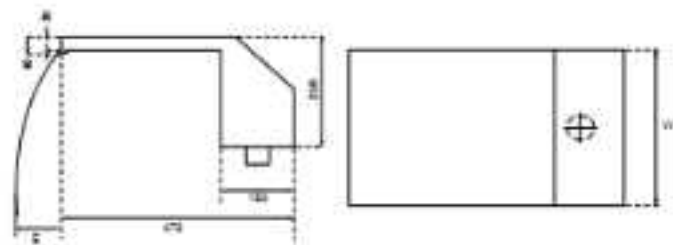
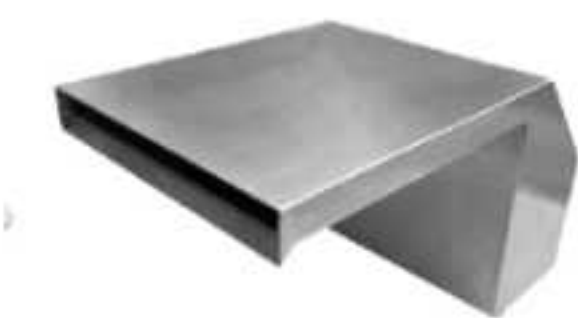
Colour		Description	No. of Ports	Width	Length	Flow Rate
Rear Inlet	Bottom Inlet			(Inches)	(Inches)	m³/h
5600-1201	5600-1202	12" LED Waterfall	1	8.5ft	15.6ft	2.73 - 3.94
5600-1801	5600-1802	18" LED Waterfall	1	8.5ft	22.2ft	4.09 - 5.01
5600-2401	5600-2402	24" LED Waterfall	1	8.5ft	28.8ft	5.45 - 6.88
5600-3601	5600-3602	36" LED Waterfall	1	8.5ft	42.3ft	5.91 - 10.22
5600-4801	5600-4802	48" LED Waterfall	2	8.5ft	53.6ft	10.90 - 18.62
5600-6001	5600-6002	60" LED Waterfall	2	8.5ft	65.9ft	18.62 - 10.00
5600-7201	5600-7202	72" LED Waterfall	2	8.5ft	75.4ft	15.90 - 18.28

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	m³/hr	kg
1400023	300	12"	270	7	6.9
1400024	600	2"	250	10	11.9
1400025	900	25"	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 LEDs 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.

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 275 m depending on installation.



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



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.

ATECPOOL
WONDERS



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
660012	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.

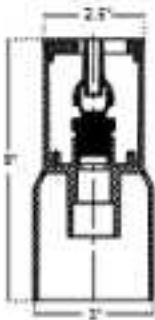
This water feature has an eyeball nozzle hidden from view by a decorative cap. 3.5 GPM creates a stream up to 10 feet high.



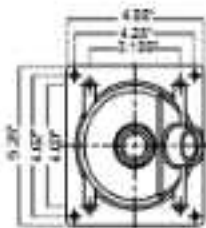
Specifications

- Includes body, movable adjustable & four decorative caps (white, black, gray, tan)
- Individually packaged
- 4" hole size
- Cap size is 2.5" diameter
- 3/4" 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	29 ft.	79 ft.	8 ft.
Height	3 ft.	6.5 ft.	10 ft.



Deck Jet Dimensions



Wall Jet Bottom Dimensions

Code	Description
7000-01	Adjustable Deck Jet Assembly with 4 Decorative Caps
7000-02	Adjustable Deck Jet Assembly with Brass Decorative Cover
7000-03	Round Deck Jet Cover
7000-04	Round Deck Jet Cover
7000-05	Round Deck Jet Cover
7000-06	Round Deck Jet Cover
7000-07	Round Deck Jet Cover
7000-08	Round Deck Jet Cover

* 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
8000-01	Adjustable Brass Deck Jet Square Face with Flange
8000-02	Adjustable Brass Deck Jet Square Face Flangeless
8000-03	Adjustable Brass Deck Jet Round Face with Flange
8000-04	Adjustable Brass Deck Jet Round Face with Flangeless
8000-05	Interchangeable 5 Set Nozzles (Black Colour)

Ornamental Water Features

LED Bubblers

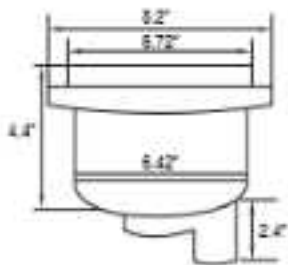
LED Bubblers

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

- 3/4" or 1/2" 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

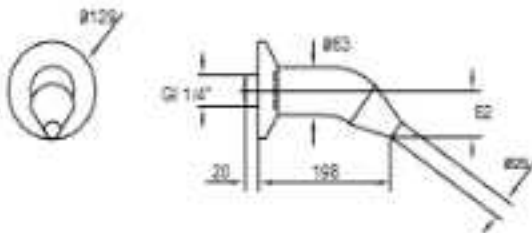
- Anchor included
- Connection female 2 1/2"
- Water flow: 34 m³/h
- Recommended pump: 2.2 kW

Code	Description	Weight
		kg
002937	Mushroom Waterfall w/ canopy polyester	40



Circular Nozzle

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

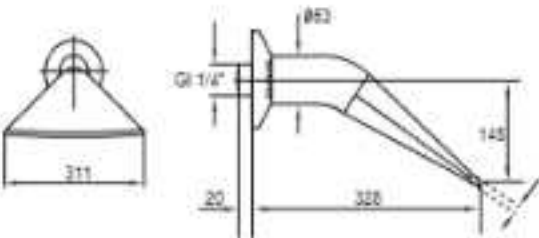


Code	Flowrate	Weight	Volume
AISI 316	m³/hr	kg	m³
14200004	12	0.8	0.005



Flat Nozzle

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



Code	Flowrate	Weight	Volume
AISI 316	m³/hr	kg	m³
14200025	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 110cm to 160cm

Code	Description	Weight (kg)	Volume (m³)
02255	Atecpool Inobike	21	108



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 (m³)
02026	Atecpool Fitpool	42

*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
OBES28	22 (end cut type)	195	10
OBES25	22 (end cut type)	245	10
OBES20	22 (end cut type)	295	10
OBES25	24	195	10
OBES40	24	245	10
OBES45	24	295	10
OBES47	30	195	10
OBES48	30	245	10
OBES49	30	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
OBES38	30	195	10
OBES25	30	245	10
OBES30	30	295	10
OBES25	30	335	10

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
OBES111	24 x 22	24

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
OBES650	24	195	10
OBES25	24	245	10
OBES20	24	295	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
OBES88	150	1000	1
OBES98	200	1000	1
OBES89	250	1000	1

45° Corner Tiles

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



Code	Height	Width	Unit
	mm	mm	
OBES25	24	200	1
OBES45	24	250	1
OBES25	24	295	1

90° Corner Tiles

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

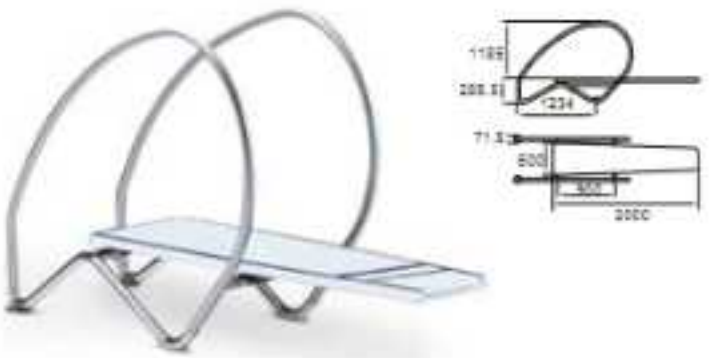


Code	Height	Width	Unit
	mm	mm	
OBES25-1	24	200	1
OBES45-1	24	250	1
OBES25-1	24	295	1

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
	mm	kg	m³
0099004	L: 2m / W: 0.60m	50	1.58

Wave Diving Board

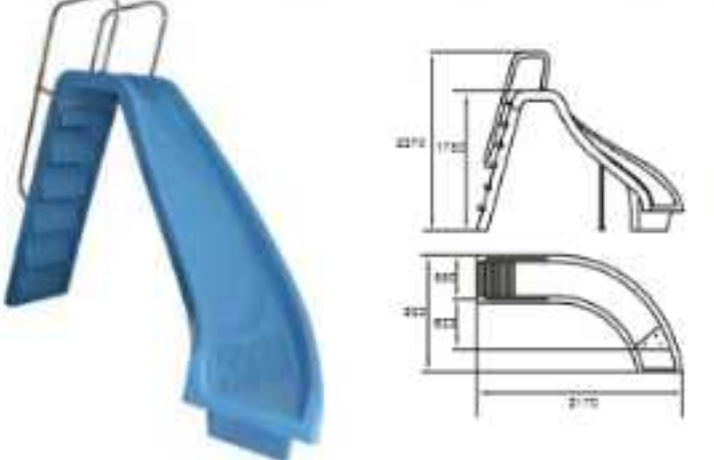
Diving board made of fiberglass and polyester with anchoring fixtures. Non slip surface with extra strips for the diving area at the end of the board. Length 1.6 m. Width 0.39 m.



Code	Dimensions	Weight	Volume
	mm	kg	m³
0099000	L: 1600m / W: 0.39m	12.3	0.14

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.



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
0099008	Aeropool Diving Board with Base L: 2.0, W: 0.39 M	2000 mm	390 mm	29
0099009	Aeropool Diving Board with Base L: 4.0, W: 0.39 M	4000 mm	390 mm	50

Slide Straight Model

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



Code	Height	Weight	Volume
	mm	kg	m³
0009008	1500	62	1.24
0009003	1800	70	1.37

Code	Description	Weight	Volume
		kg	m³
0009004	Right Curved Slide	80	2.89
0009005	Left Curved Slide	80	2.89

Pool Lining

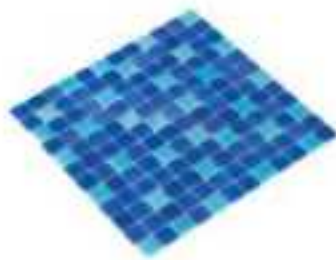
Glass Mosaic Tiles

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



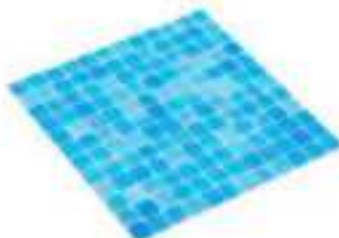
Code: 213 Glass Mosaic
25 x 25 mm



Code: 217 Glass Mosaic
25 x 25 mm



Code: 220 Glass Mosaic
25 x 25 mm



Code: 221 Glass Mosaic
25 x 25 mm

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



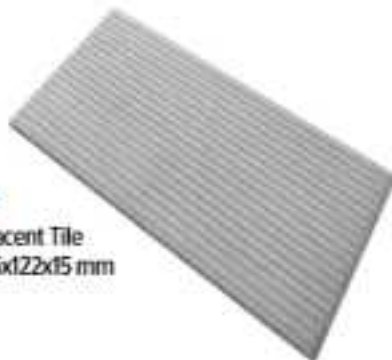
Adjacent Tile

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 EN956. 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	GROSITE
PLAIN	1.62m	●	●	●	●	
PATTERNED	1.62m					●
ANTI-SLIP	1.62m	●	●	●	●	●
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	1.62 x 25m (40m / roll)	12	Horizontally and in parallel (never crossed)

Property	Norms	Average data
Thickness (mm)	EN 1349-2	1.5 (+/-0.15)mm
Elongation (%)	EN 1238-2	≥ 15
Tensile Strength (N/mm²)	EN 1238-2	≥ 22
Tear Resistance (N)	EN 1238-2	≥ 200
Resistance to static punching (rigid support) (kg)	EN 12730-8	≥ 20
Joint peel resistance (N)	EN 1238-2	≥ 200
Joint shear resistance (LxT) (N/50mm)	EN 1238-2	1, 1 ± 1000
Accelerated light ageing	EN 1239	Pass
Cold bending (25°C)	EN 495-5	No cracks
Dimensional stability after 6h at 80°C (%)	EN 10173	≤ 0.5
Micro-organisms resistance	ASTM G 21-90	No growing
Resistance to hydrostatic pressure (6h at 0.5MPa)	EN 1238-8	Waterproof
Ball resistance (rigid support) (mm)	EN 12681	≥ 25



Ure



Zeru



Hondar



Elur



Olatu



Zidor



Tirain



Olayo



POOL & SPA FITTINGS



**ATECPool
INTERNATIONAL
GROUP**

Pool & Spa Fittings



ATECPool provides vast range of swimming pool shell equipments in ABS, high quality stainless steel and poly-propylene, 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

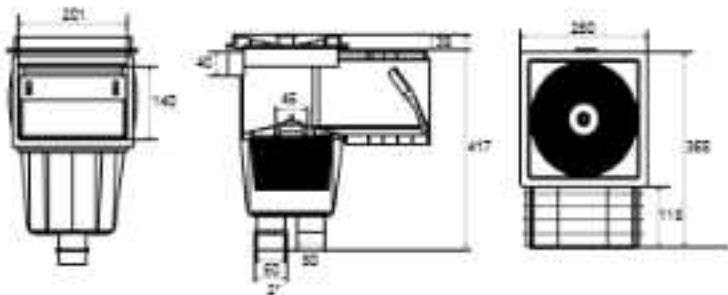
Standard Skimmer ABS

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



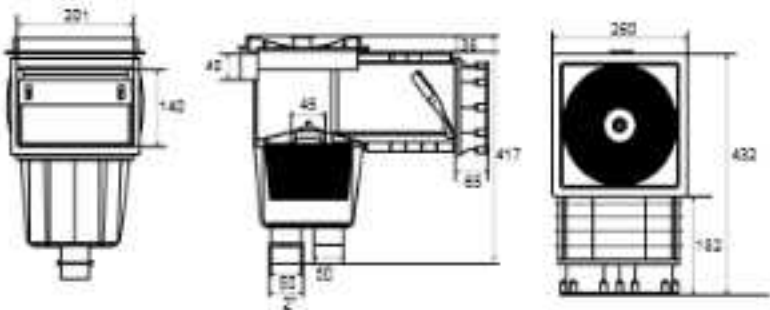
Code	Description	Weight	Volume
		(kg)	(m³)
0890000	Standard Skimmer ABS Concrete	385	0042



Standard Skimmer with Extended Throat for concrete



Code	Description	Weight	Volume
		(kg)	(m³)
0890001	Standard Skimmer ABS Concrete with Extended Throat	410	0049

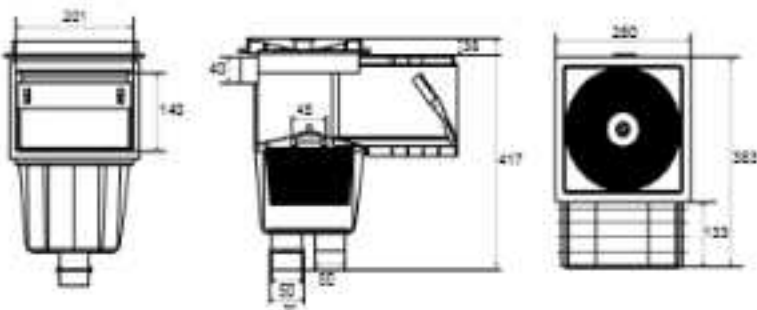


Standard Skimmer for Liner

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



Code	Description	Weight	Volume
		(kg)	(m³)
0890001	Standard Skimmer ABS Liner	5,28	0047



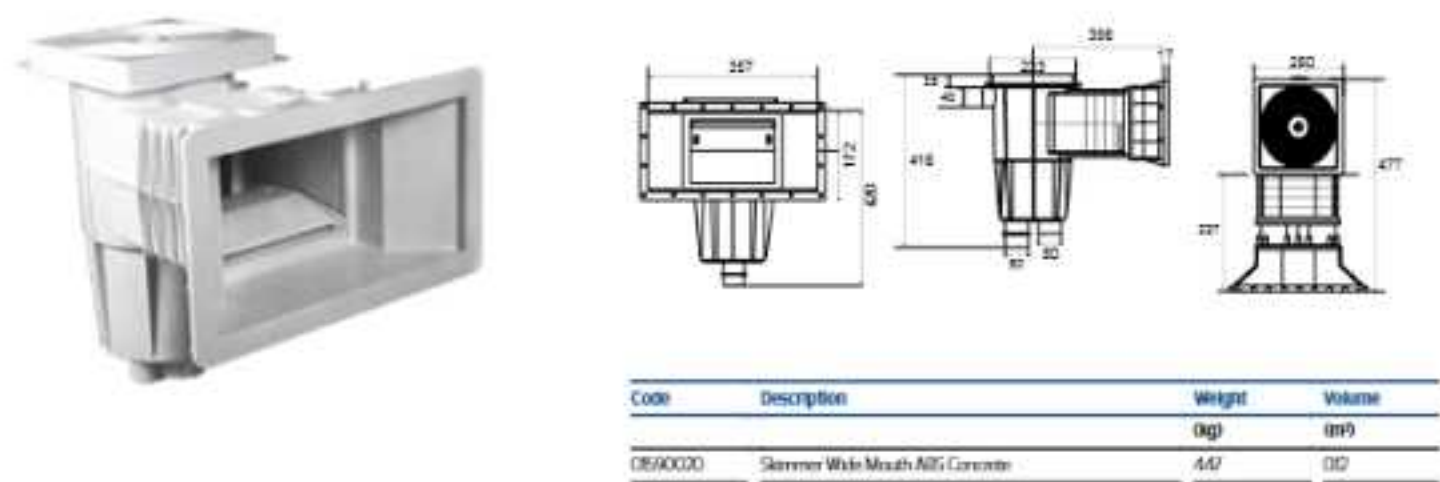
Pool Fittings

Wide Mouth Skimmer ABS

Wide Mouth Skimmer ABS

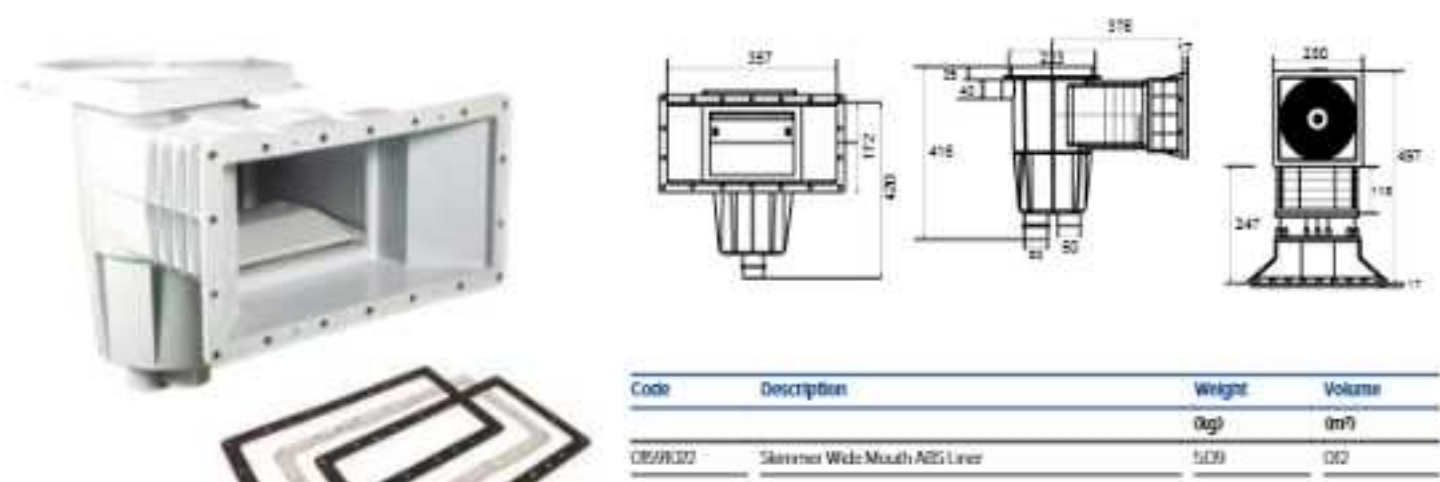
Manufactured in UV treated white ABS with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has an option of 3 connection sizes: 1½" internal threaded, 2" threaded and 50mm diameter for gluing. Overflow connection of 40mm diameter. 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



Wide Mouth Skimmer for Liner

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



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.



Pool Fittings

Euro Skimmer ABS

Atecpool Euro Skimmer ABS - Concrete and Liner

New range of skimmer 1/5L with recommended flow of 75 m³/hr. UV treated white ABS with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has an option of 3 connection sizes: 1½" internal threaded, 2" threaded and 50mm diameter for gluing.

Overflow connection of 40mm diameter. For optimum results it is recommended to use 1 skimmer per 25m² of pool surface area.

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



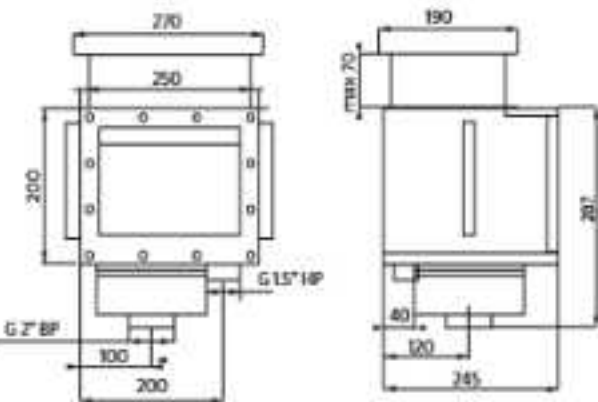
Code	Description	A	A1	B	C	C1	D	F	L	N	Weight	Volume
		mm										
066022	Euro Skimmer ABS Concrete	470	44	250	620	100	137	128	32	250	5.3	0.03
066027	Euro Skimmer ABS Liner	470	44	250	620	100	137	128	32	305	5.8	0.03

Skimmer AISI 316

Standard Skimmer AISI 316 - Concrete

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

Code	Description	Weight	Volume
		kg	m³
066030	STD Skimmer AISI 316 Concrete	5.3	0.03

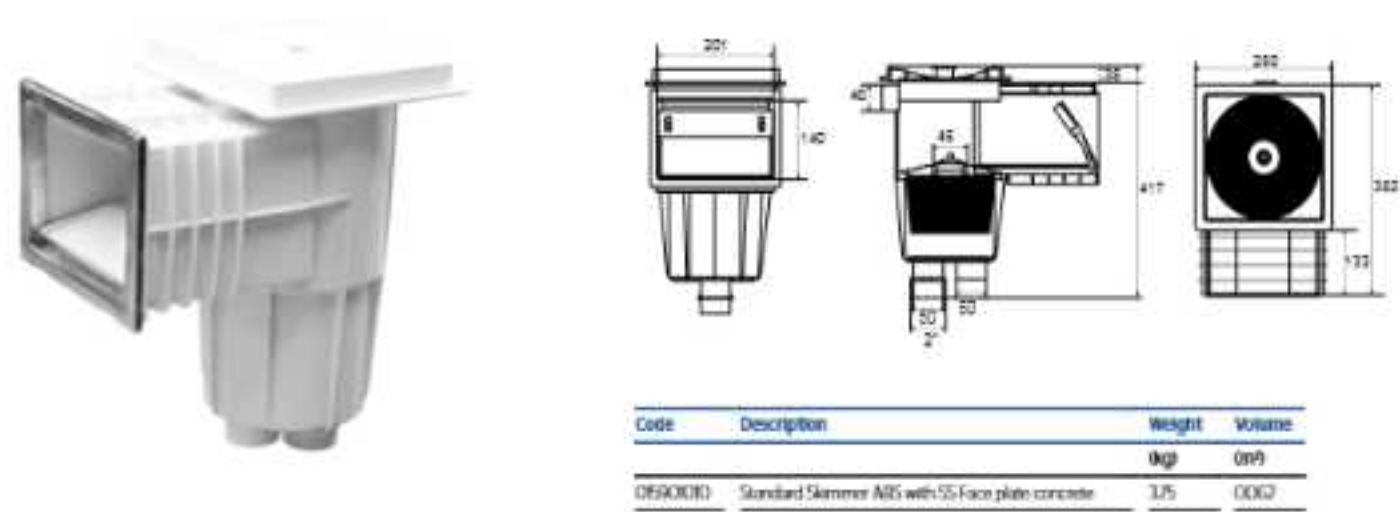


Pool Fittings

Skimmer AISI 316

Standard Skimmer with SS Face Plate for concrete

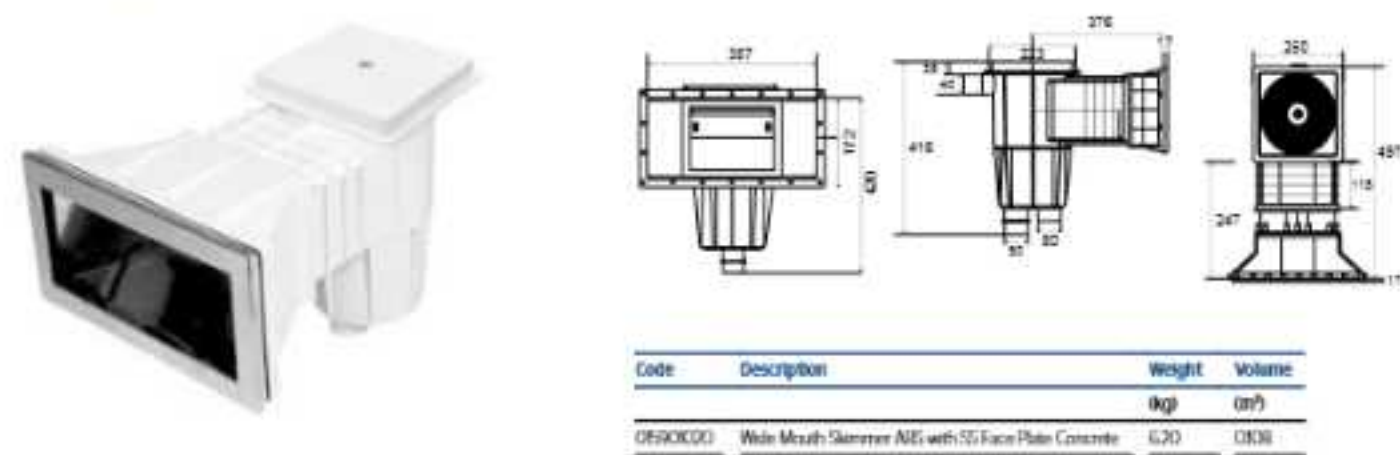
Manufactured in UV treated white ABS with SS face plate in AISI 316. Supplied with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has 3 optional connections for bottom suction, 1 1/2" internal thread, 2" outer thread and Ø50 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)
0560000	Standard Skimmer ABS with SS Face plate concrete	3,75	0,002

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, 1 1/2" internal thread, 2" outer thread and Ø50mm inner wall for gluing. Recommended flow is 75m³/h.



Code	Description	Weight	Volume
		(kg)	(m³)
0560000	Wide Mouth Skimmer ABS with SS Face Plate Concrete	6,20	0,008

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)
0500020-2	Return Inlet ABS threaded	24	0,000



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 4m/s.

Code	Description	Std packing	Volume
			(m³)
0500020	Return Inlet ABS Slip Fit	24	0,000

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
			(m ³)
086828-3	Return Inlet ABS Threaded for Liner	12	0030

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
			(m ³)
086828-6	Return Inlet ABS Threaded for Prefab	12	0030

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
			(m ³)
086827-2	Suction Inlet ABS threaded	24	0030

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
			(m ³)
086827-1	Suction Inlet ABS Slip Fit	24	0030

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
			(m ³)
086827-4	Suction Inlet ABS Threaded for Liner	12	0030

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
			(m ³)
086827-3	Suction Inlet ABS threaded for Prefab	12	0030

Pool Fittings

ABS Inlets

Floor Inlet ABS Slip Fit

Made in white ABS with Ø63 mm outer connection and Ø50 mm inner wall and screws in stainless steel. Its unique design permits 360° dispersion of fresh water in the pool. Max. Recommended flow rate: 12m³/h, flow rate can be manually regulated with the help of an adjustable screw fitted on top centre of the inlet.



Code	Description	Std packing	Volume
			m³
0755825	Floor Inlet ABS Slip Fit	24	0.020

Floor Inlet ABS threaded

Made in white ABS with 7" outer connection thread and Ø50 mm inner wall. Max. recommended flow rate: 12m³/h. Its unique design permits 360° dispersion of fresh water in the pool.



Code	Description	Std packing	Volume
			m³
0755825-2	Floor Inlet ABS Threaded	24	0.020

Floor Inlet ABS threaded for Liner

Made in white ABS with 7" 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
0755825-1	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
0755824	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
08A0858	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 7" 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
08A0862	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 215 m³/hr. Maximum flow rate for 3" female threaded 40 m³/hr.



Code	Description	Flow rate	Weight	Volume
		(m³/h)	kg	(m³)
08A0859	Adjustable Return Inlet 2"	215	0.7	0.002
08A0863	Adjustable Return Inlet 3"	40	11	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)
08A0854	Adjustable Floor Inlet 2"	22	0.7	0.002
08A0861	Adjustable Floor Inlet 3"	42	11	0.003

Suction Inlet AISI 316

Suction inlet in polished stainless steel AISI 316 with outer thread 1½". Length 50 mm, supplied with cover.



Code	Description	Length	Weight	Volume
		mm	kg	(m³)
08A0860	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 7". Length 40 mm, supplied with threaded cover.



Code	Description	Length	Weight	Volume
		mm	kg	(m³)
08A0864	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 m³/hr, designed for surface suction velocity not exceeding 0.5 m/s. For liner model supplied with self adhesive gaskets, flange and screws.



Code	Description	Std packing	Weight (kg)
08600002	Circular Main Drain Concrete	1	0.6
08600002-1	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 m³/hr, designed for surface suction velocity not exceeding 0.5 m/s. For liner model supplied with self adhesive gaskets, flange and screws.



Code	Description	Std packing	Weight (kg)
03800052	Circular Main Drain Antivortex Concrete	1	0.6
03800052-1	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 m³/hr. For liner model supplied with self adhesive gaskets, flange and screws. Grille 175 x 175 mm.



Code	Description	Std packing	Weight (kg)
03800058	Square Main Drain Concrete	1	1
03800058-1	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 m³/hr.



Code	Description	Std packing	Weight (kg)
03800059	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 m³/hr.



Code	Description	Size (mm)	Std packing	Weight (kg)
10534800	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 m³/hr.



Code	Description	Size (mm)	Std packing	Weight (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 m³/hr.



Code	Description	Size (mm)	Std packing	Weight (kg)
10532100	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 m³/hr.



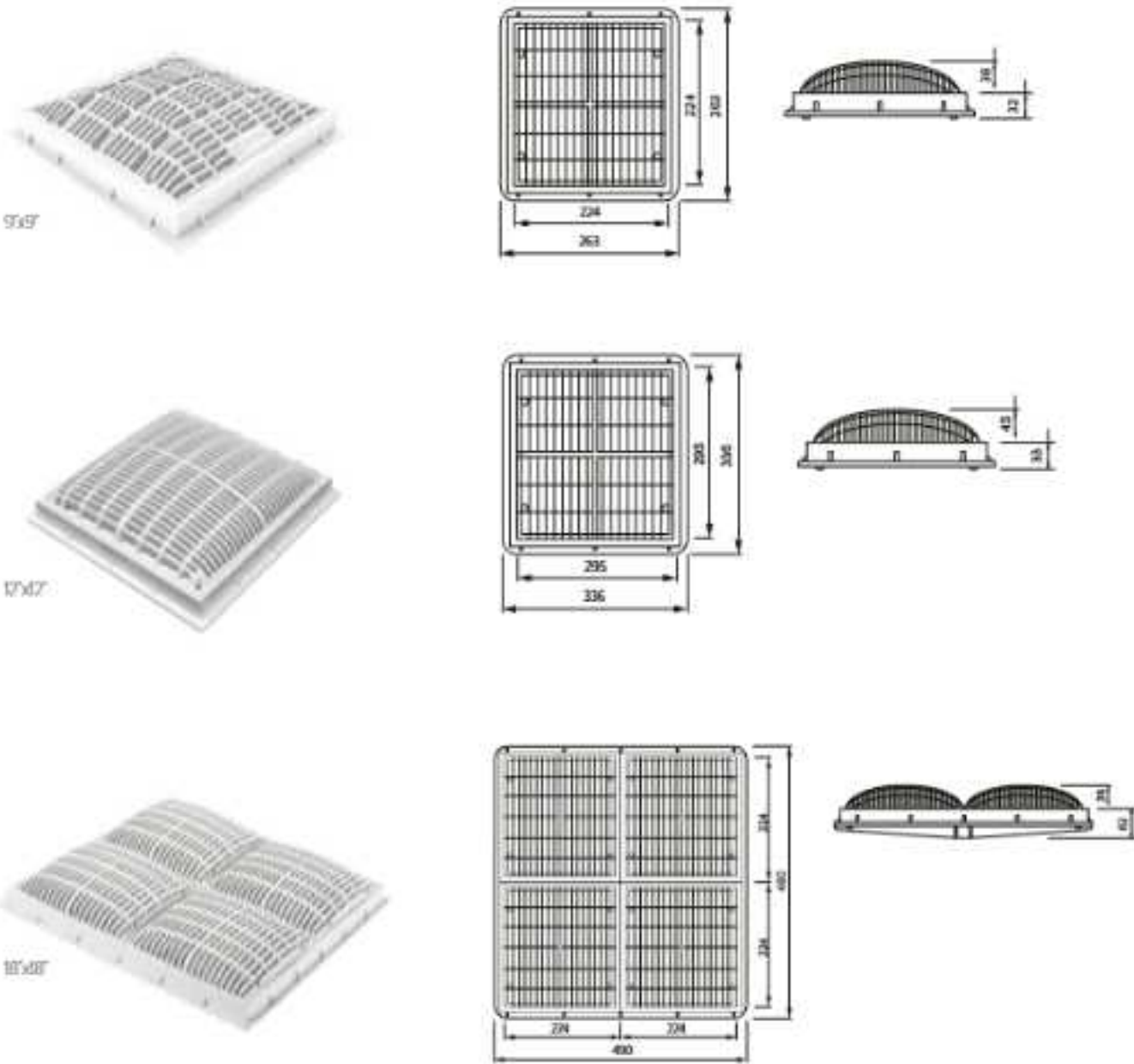
Code	Description	Size (mm)	Std packing	Weight (kg)
10532105	Anti Vortex Drain Grille AISI 316	Ø220	1	1.5

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.



Code	Description	Flow Rate	Weight	Size	Volume
		m³/h	kg	mm	m³
05/0313	Anti-Suction Frame & Grate 9'x9'	23	12	9'x9'	0.02
05/0314	Anti-Suction Frame & Grate 12'x12'	56	36	12'x12'	0.02
05/0315	Anti-Suction Frame & Grate 18'x18'	92	48	18'x18'	0.02

Frame and Grate ABS

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

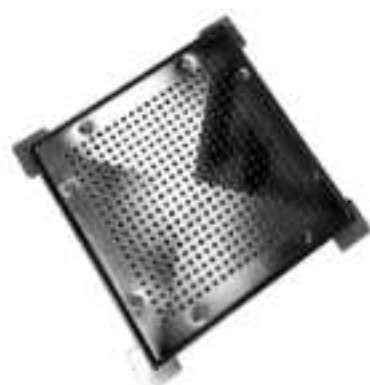
Code	Description	Flow Rate	Weight	Size	Volume
		m³/h	kg	mm	m³
05/0317	Frame & Grate 250 x 250	27	12	250 x 250	0.02
05/0318	Frame & Grate 300 x 300	43	18	300 x 300	0.02

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
		(m³/hr)	(kg)	(mm)	(m³)
IC528901	SS Frame & Grate 250 x 250	27	15	250 x 250	0.0023
IC528901	SS Frame & Grate 300 x 300	40	22	300 x 300	0.0048
IC528901	SS Frame & Grate 400 x 400	63	4	400 x 400	0.0079
IC528902	SS Frame & Grate 500 x 500	106	45	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
		(m³/hr)	(kg)	(mm)	(m³)
IC528902	SS Frame & Grate AV 250 x 250	24	15	250 x 250	0.0033
IC528910	SS Frame & Grate AV 300 x 300	48	22	300 x 300	0.0048
IC528940	SS Frame & Grate AV 400 x 400	79	4	400 x 400	0.0059
IC528950	SS Frame & Grate AV 500 x 500	128	45	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
		(m³/hr)	(kg)	(mm)	(m³)
IC528922	Anti-Suction SS Frame & Grate 300 x 300	48	25	300 x 300	0.0048
IC528933	Anti-Suction SS Frame & Grate 400 x 400	80	22	400 x 400	0.0059
IC528955	Anti-Suction SS Frame & Grate 500 x 500	112	65	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.

Code	Description	Standard Packing	Weight
			(kg)
05A0040	Wall Conduit 2" Threaded	12	30
05A00401	Wall Conduit 63 MM Glue	12	30



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)
05A0040	Wall Conduit white ABS Threaded for Concrete	12	30
05A00401	Wall Conduit white ABS Threaded for Liner	12	30

Stainless Steel Wall Conduits

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



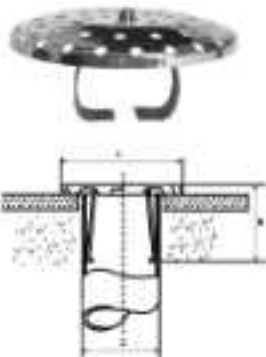
Code	Description	Standard Packing	Weight
			(kg)
05B0000	Wall Conduit AISI 316 2" Threaded	1	30

Overflow Gutter Drain AISI 316

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



Code	Description	Connections	Flow Rate	Weight	Volume
		(inch)	(m³/hr)	(kg)	(m³)
07B00001	Gutter Drain 2" AISI 316	2"	7	12	0009



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)	(m³/hr)	(kg)	(m³)
		ØA ØB ØC				
07B0000	Gutter Drain 50mm w/ clamp	100 75 50-75		20	09	0009

Overflow Gutter Drain with SS Grille

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



Code	Description	Weight	Volume
		(kg)	(m³)
05B0000	Gutter Drain with SS Grille 50mm	05	00002
05B00001	Gutter Drain with SS Grille 63mm	06	00002

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
			(m³)
05B0000	Overflow Gutter Drain 50 MM	12	0006
05B00001	Overflow Gutter Drain 63 MM	12	0006

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 kg	Volume l/m³	Std Packing
00200007	Water Level Regulator NES	2	0.06	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 mm	Electrode Voltage
0028009	Electronic Regulator w/ Solenoid Valve	0.9 kW / 230V / Mono / 5A	140x100x75	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 mm	Electrode Voltage
0028000	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	
0090050	JET 50x50 ABS	6.02	0.007	25
0090057	JET 50x50 ABS with S.S. Trim	9.02	0.008	25

Adjustable Jet Ø1.5"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	
0090056	JET 1.5"x1.5" ABS	5.02	0.006	25
0090059	JET 1.5"x1.5" ABS with S.S. Trim	9.02	0.008	25

Adjustable Jet Ø1"x1" 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	
0090060	JET 1"x1" ABS with Chrome front	6.92	0.008	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	
0090004	SPA Drain 2" ABS	2.52	0.0098	6
0090007	SPA Drain 2" ABS with S.S. Grille	4.12	0.0098	6



Adjustable Air Inlet

Controls air to venture system with T onifice 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. T threaded fitting made of white PVC with chrome plated front panel.

Code	Description	Weight	Volume	Std Packing
		kg	m³	
0090002	Adjustable Air Inlet G	0.55	0.001	10



Pneumatic Press Button

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

Code	Description	Weight	Volume	Std Packing
		kg	m³	
0090005	Pneumatic Press Button	0.52	0.001	10



Pneumatic Switch

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

Code	Description	Weight	Volume	Std Packing
		kg	m³	
0090009	Pneumatic Switch	0.52	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 (kg)	Volume (m ³)	Std Packing
0090002	Air Nozzle	05	0.004	24
0090003	Air Nozzle with SS 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 (kg)	Volume (m ³)	Std Packing
0090025	Flexible SPA Hose Ø25	2.0	0.000	1
0090032	Flexible SPA Hose Ø32	2.2	0.000	1
0090050	Flexible SPA Hose Ø50	2.5	0.257	1
0090063	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 15 m.

Code	Description	Dimension (mm)	Power consumption (VA)	Switching capacity	Nominal Voltage (V)
0090070	Electronic Control Box	175x25x75	2	16A AC1	1 / N / 230V / 50Hz



Code	Description	Diameter (mm)	Protection Class	Cable Length (m)	Nominal Current (mA)
0090071	SPA Electronic Control One Push Button	Ø28	IP68	15	8.0mA



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 (kg)	Volume (m ³)	Std Packing
0090000	SPA Electronic Control Three Push Button	2.97	0.000	1





POOL LIGHTING



**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 60598-2-10. 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

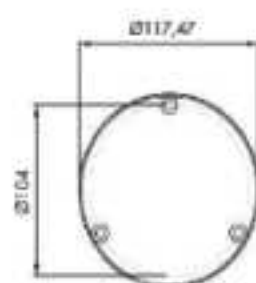
Atecpool EVA are high-quality LED solutions for commercial swimming pools and sports facilities, have been used in over 250 public swimming pools and 1000 residential pools around the world. Atecpool EVA LED lighting models demonstrably meet the international safety standard for underwater lighting IEC 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	7170	7190	7180	7193
Type of Light	IP68 LED underwater light			
Max. Energy consumption system	20 W	40 W	20 W Constant Output (0% tolerance) - IPC	40 W Constant Output (0% 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 (5x05 mm ²)			
Safety Standard Compliance	IEC EN 60598-2-18			
Driver input/output	100-240V AC / 24V DC			
Driving Technology	110V 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 mm ²)		100m. (7x4 mm ²)	
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 Pick



Multi-angle light beam



International Safety Tested
IEC EN 60598-2-18



Fast Return on Investment



No loss of LED capacity in 1000h



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.



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



Code	Description	Size
71673	S.S. 316 Cover Plate for A6 and A12 LED for concrete pool	Ø114 mm
71677	S.S. 316 Cover Plate for A6 and A12 LED for liner pool	Ø104 mm

Atecpool Eva A Series Extension kit for surface mounting



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

Atecpool A Series Installation Housing for Concrete Pool



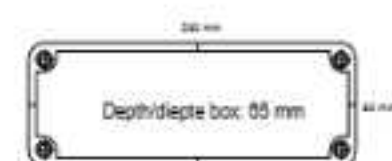
Code	Description
71670	Installation Housing
	Plastic Screws M6x25
	Cable Gland
	Washer
	Seal
	Hose
	Hose Barb

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



Code	Description
71675	Installation Housing
	Rubber Ring Ø2 mm
	Ring Ø3 mm
	Cover Ring
	Cable gland
	Washer
	Seal
	Hose Barb
	Hose
	Screws M6x25

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

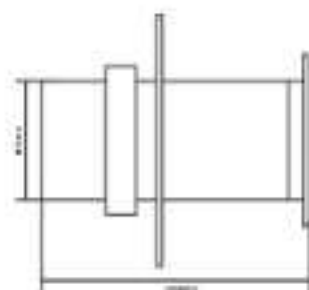
Spa Lighting

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.



Atecpool EVA Q2

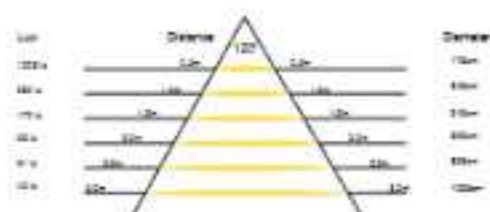


Atecpool EVA B1

Model	EVA Q2 Fixed Colour	EVA B1 Fixed Colour	EVA Q2 RGBW Multi Colour	EVA B1 RGBW Multi Colour
Code	71773	71771	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 Compliance	IEC EN 60598-2-18			
Driver input/output	100-240 VAC / 24VDC			
Driving Technology	HOVDC (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			



Light distribution curve Q2 B1 6500K white



Atecpool EVA LED

Spa Lighting

Atecpool Eva Q Series for surface mounting

Atecpool EVA Q2 LED for surface mounting



Code	Description
7173	EVA Q2 Fixed Colour
7175	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
7192	S.S. 316 Cover Plate for Q2 LED for concrete pool	Ø194 mm
7196	S.S. 316 Cover Plate for Q2 LED for liner pool	Ø194 mm

Atecpool Eva Q Series Extension kit for surface mounting



Code	Description
7195	EPDM Packing
	S.S. Ring
	Installation Sleeve
	Bolt M6x15

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



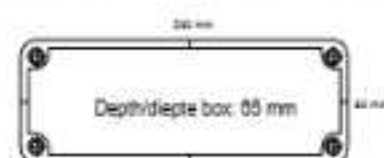
Code	Description
7161	Tube
	Cable gland
	S.S. 316 Niche
	Bolt M4x20

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

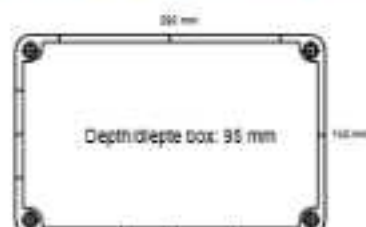


Code	Description
7163	Tube
	Cable Gland
	S.S. 316 Niche
	Bolt M4x20
	EPDM Packing
	Stainless Steel Ring
	Installation Sleeve
	Bolt M6x15
	M3 nut
	Plastic fitting ring

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
71/83		Dimming Pack for all Models Except RGBW Lights
71/85		Remote Control Multicolour / RGBW Lights Standard
71/87		DMX Control EVO Touch Screen HIT OLED Display
71/89		DMX Cable / Per Meter
71/91		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.



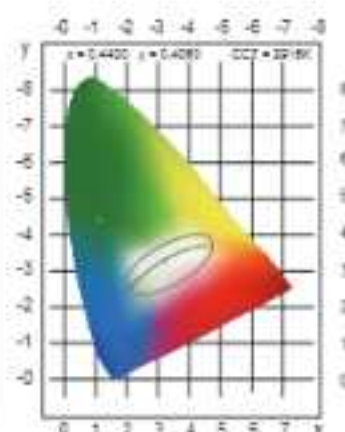
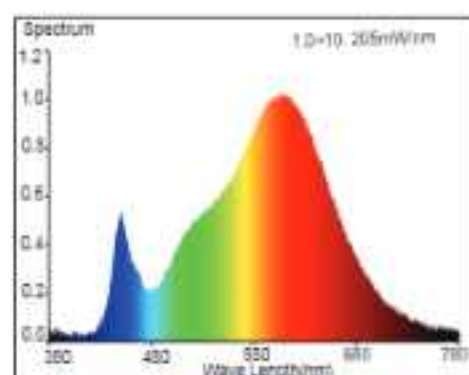
Features

- 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	328" / 8.33 cm
Max Length	20 m
Protection Rating	IP68
Maximum Bending	Diameter 6 cm
Bending Direction	Vertically
Ambient Temp	30°C to +45°C
Controller	24VDC Power Supply

Wave Compak LED Neon Strip - ATL05 3000K

Photometrics Data:



Color Parameters - ATL05 3000K

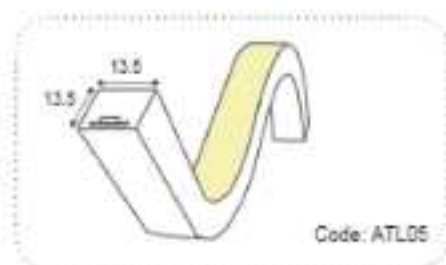
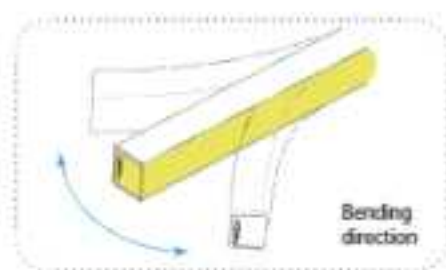
Chromaticity Coordinate: $x=0.4430$ $y=0.4060$ / $u'=-0.2537$ $v'=-0.5231$
 CCT= 2916K (Duv= 0.0000) Dominant WL: $\lambda_d = 583.2\text{nm}$ Purity = 54.9%
 Ratio: R= 23.8% G= 73.7% B= 2.5% Peak WL: $\lambda_p = 610.0\text{nm}$ FWHM= 133.4nm
 Render Index: Ra=85.2

Photo Parameters

Flux= 4941 lm Eff= 48.02 lm/w $\Phi_e = 1542\text{W}$

Electrical Parameters

V= 23.998 V I= 4268A P= 10.29W PF= 1.000



Atecpool LED Strip IP68

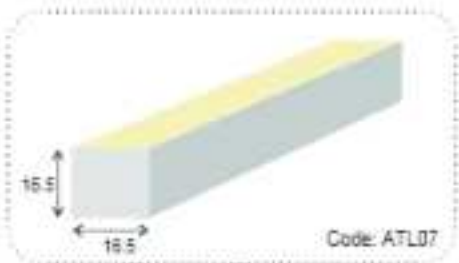
Wave Linear

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.

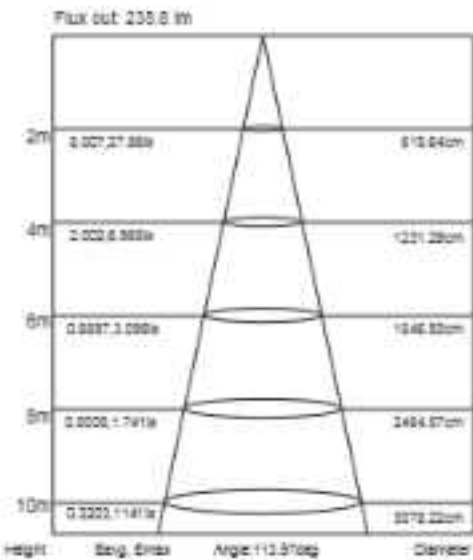
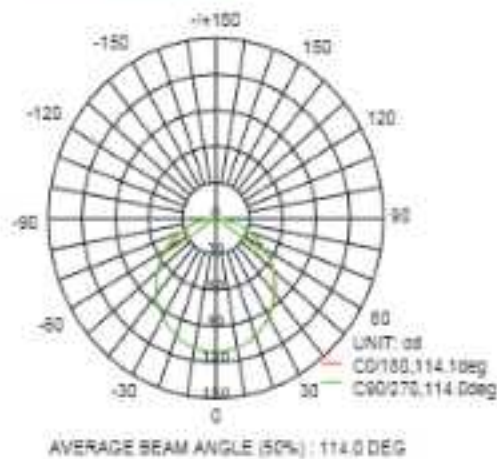


Model	Wave Linear LED Neon Strip	Wave Linear RGBW LED Multicolor Strip
Code	ATL07	ATL07/RGBW
Type of Light	SMD3528	SMD5050 Tri-chip
Colour Temperature /Selection	6500K / 5000K / 3000K / 2700K BLUE / RED / GREEN	RGBW (W: 2200K/3000K/4000K)
Material used	ECO PVC	ECO PVC
Operating Voltage	24V DC	24V DC
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	-30°C to +65°C	-30°C to +65°C
Controller	24VDC Power Supply	PWM Controller



Wave Linear LED Neon Strip - ATL07 3000K

Photometrics Data:



Atecpool LED Strip IP68

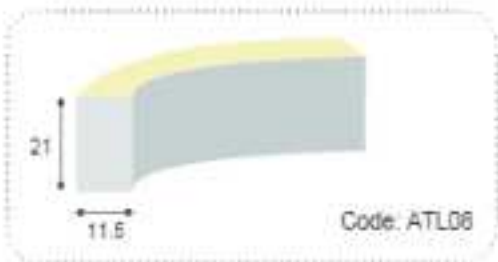
Curve Linear

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.



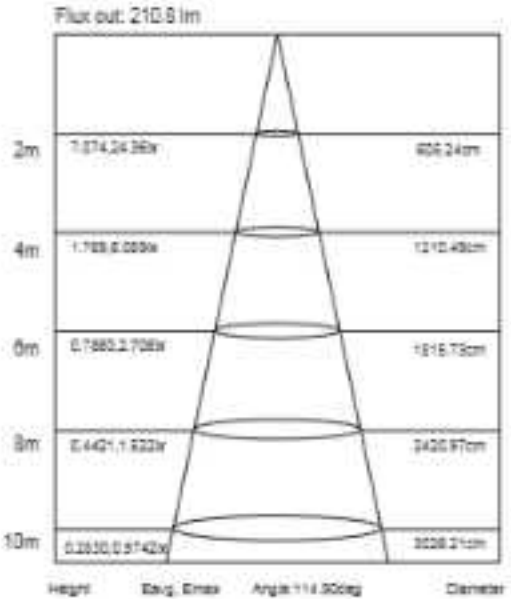
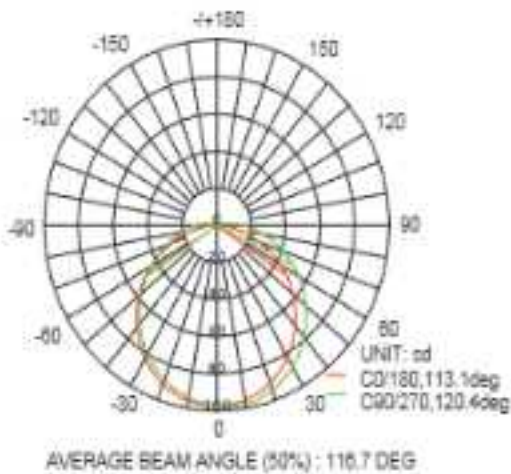
Curve Linear size 21 x 11.5 mm with 11.5 mm illuminated side



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 / 3000K / 3000K / 2700K BLUE / RED / GREEN	RGB	RGBW (WL 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	270 lm	270 lm
LED Quantity /m	60 pcs	60 pcs	60 pcs
Min Cutting Length	10 cm	10 cm	10 cm
Max Length	20 m	10 m	8 m
Protection Rating	IP68	IP68	IP68
Maximum Bending	Diameter 8cm	Diameter 8cm	Diameter 8cm
Bending Direction	Horizontally	Horizontally	Horizontally
Ambient Temp	30°C to +55°C	30°C to +55°C	30°C to +55°C
Controller	24VDC Power Supply	24VDC Power Supply	PWM Controller



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





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 seamless 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 seamless 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 2000 mm
Beam angle	120°
Operating temp	-25°C - 55°C
Protection rate	IP68
Finish	Anodized Silver / Anodized Black / Painted White
Mounting	Recessed
Power feed	Female / Male Connector
Control	0-10V / 1-10V / DMX / DALI
Available color	Black / White / Silver

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	RGBW 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

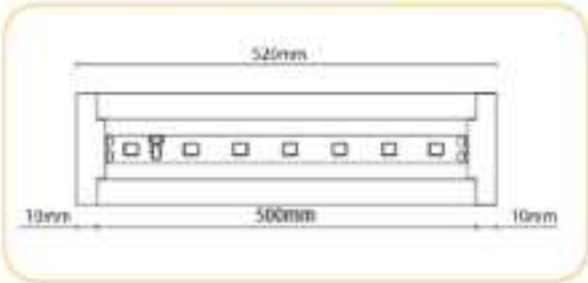
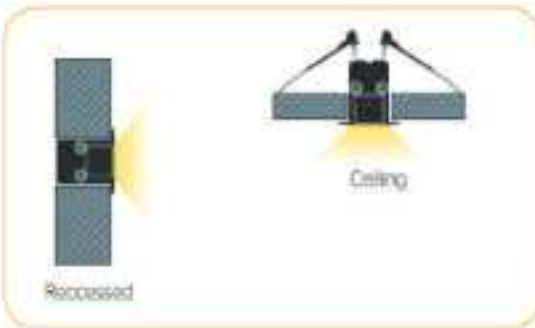
Model	Fixture length	LED Strip	End Cap Dimension
	Metric	Metric	Metric
ATLS-06	270 mm	250 mm	10 mm x2
	520 mm	500 mm	
	1000 mm	1000 mm	
	1270 mm	1250 mm	
	1520 mm	1500 mm	
	2000 mm	2000 mm	

Key applications

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

Key Features

- Continuous 10 meters
- Easy Installation
- Mono / RGBW Optional
- DMX Optional
- IP68



Atecpool LED Strip IP68

Linear Lighting Fixture

Atecpool Water Proof Linear Lighting Fixture - ATLS-II

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 seamless 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-II
Dimension	HEIGHT: 3/5 mm / WIDTH: 27/6 mm / LENGTH: 262 mm to max 2002 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 / 110V / DMX / DALI
Available color	Black / White / Silver

Lighting Source for Linear Fixture

Model	ATLS-II	ATLS-II RGB
Input Voltage	24V DC	24V DC
Power / m	10W	13W
Working mode	PWM CV	PWM CV
LED type	SMC3528	SMD5050
LED Qty / m	144 pcs	172 pcs
Available Colors	RAW 2700K-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-II	262 mm 502 mm 1002 mm 1262 mm 1502 mm 2002 mm	250 mm 500 mm 1000 mm 1250 mm 1500 mm 2000 mm	6 mm x 2

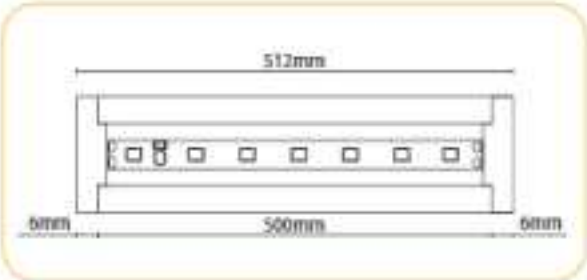
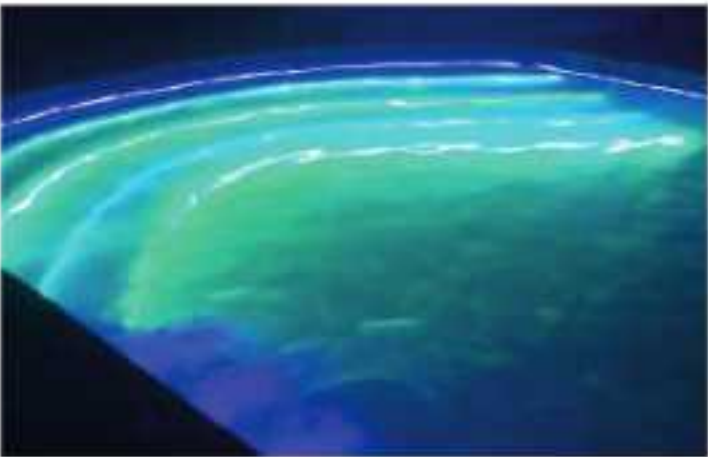


Key applications

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

Key Features

- Continuous 10 meters
- Easy Installation
- Mono / RGBW Optional
- DMX Optional
- IP68



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 seamless 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 2000 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 / 110V / 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	RGB/ 2200K - 6500K	RGB
Cutting Unit	12 LEDs	6 LEDs
Cutting Length	8.33 cm	8.33 cm
Max. Length Single Feed	32.8' / 10 m	32.8' / 10 m

Length Availability List

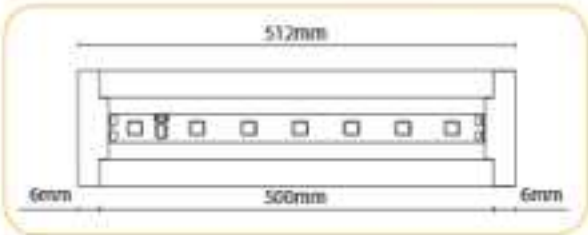
Model	Fixture length	LED Strip	End Cap Dimension
	Metric	Metric	Metric
ATLS-13	262 mm 512 mm 1082 mm 1262 mm 1502 mm 2002 mm	250 mm 500 mm 1000 mm 1250 mm 1500 mm 2000 mm	6 mm x2

Key applications

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

Key Features

- Continuous 10 meters
- Easy Installation
- Mono / RGBW 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
	ATLA08	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
	ATLA04	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



Underwater
Radiant LED

"Adding light
to your life"



Remotely controlled colour sequence
arranged in 16 programs.



LED modulator

2 CORE
connection
-WITH REMOTE CONTROL-



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*103mm / Lumen: 2900 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*103mm / Lumen: 3300 lm

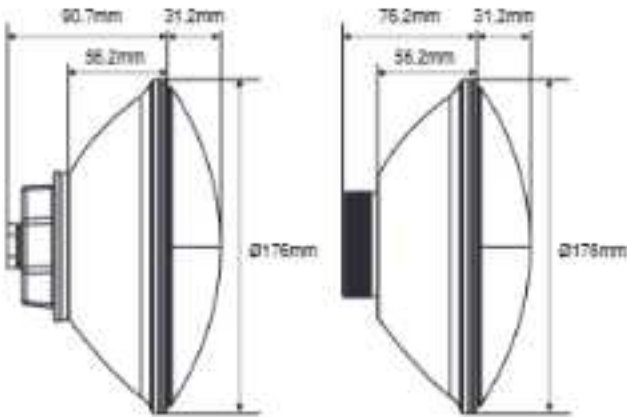


Radiant LED PAR 56 SMD Bulb

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.



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	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C	-30°C / +50°C
Cable Specification	2 x 15 mm ²	2 x 15 mm ²	2 x 15 mm ²	2 x 15 mm ²
IP Class	IP68	IP68	IP68	IP68
Max. Life Span	50000 hours	50000 hours	50000 hours	50000 hours



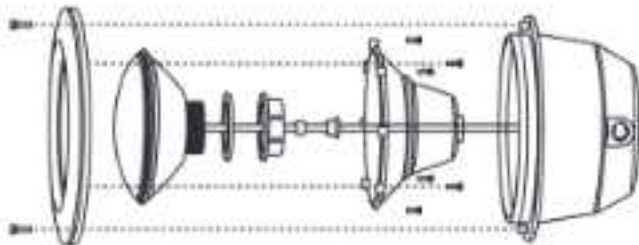
Easy Colour Picker



International Safety Tested
IEC 60598-2-13



Cost Returns on Investment



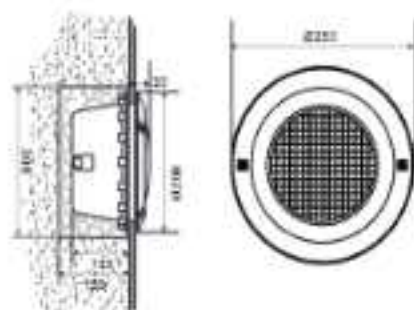
Radiant LED PAR 56 Lighting

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



Code	Description	Power / Voltage
B1300-09 RGB	Radiant LED PAR56 RGB ABS w/ niche	30W/12V AC
B1300-09 CW	Radiant LED PAR56 Cool White ABS w/ niche	33W/12V AC
B1300-09 WW	Radiant LED PAR56 Warm White ABS w/ niche	33W/12V AC
B1300-09 B	Radiant LED PAR56 Blue ABS w/ niche	33W/12V AC
B2300-09 RGB	Radiant LED PAR56 RGB S.S. Trim w/ niche	30W/12V AC
B2300-09 CW	Radiant LED PAR56 Cool White S.S. Trim w/ niche	33W/12V AC
B2300-09 WW	Radiant LED PAR56 Warm White S.S. Trim w/ niche	33W/12V AC
B2300-09 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



Code	Description	Power / Voltage
B1301-09 RGB	Radiant LED PAR56 RGB ABS w/ niche	30W/12V AC
B1301-09 CW	Radiant LED PAR56 Cool White ABS w/ niche	33W/12V AC
B1301-09 WW	Radiant LED PAR56 Warm White ABS w/ niche	33W/12V AC
B1301-09 B	Radiant LED PAR56 Blue ABS w/ niche	33W/12V AC
B2301-09 RGB	Radiant LED PAR56 RGB S.S. Trim w/ niche	30W/12V AC
B2301-09 CW	Radiant LED PAR56 Cool White S.S. Trim w/ niche	33W/12V AC
B2301-09 WW	Radiant LED PAR56 Warm White S.S. Trim w/ niche	33W/12V AC
B2301-09 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



Code	Description	Power / Voltage
B4300-09 RGB	Radiant LED PAR56 RGB ABS w/ niche	30W/12V AC
B4300-09 CW	Radiant LED PAR56 Cool White ABS w/ niche	33W/12V AC
B4300-09 WW	Radiant LED PAR56 Warm White ABS w/ niche	33W/12V AC
B4300-09 B	Radiant LED PAR56 Blue ABS w/ niche	33W/12V AC
B2302-09 RGB	Radiant LED PAR56 RGB S.S. Trim w/ niche	30W/12V AC
B2302-09 CW	Radiant LED PAR56 Cool White S.S. Trim w/ niche	33W/12V AC
B2302-09 WW	Radiant LED PAR56 Warm White S.S. Trim w/ niche	33W/12V AC
B2302-09 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 HGH

Spectra-Slim LED Lighting ABS

High Power Ultra Slim LED

Super bright Ultra Slim LED Panel underwater lights for swimming pools and spas. 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.



91252 HGH

Spectra-Slim LED Lighting S.S.

High Power Ultra Slim LED

Super bright Ultra Slim LED Panel underwater lights for swimming pools and spas. 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



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.



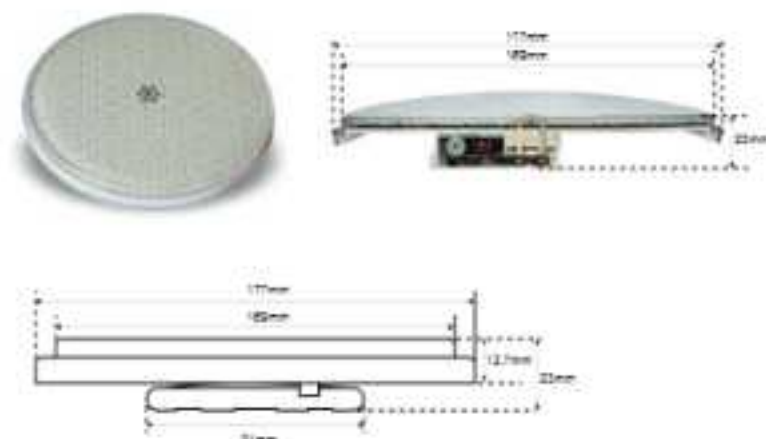
Concrete, Liner and Pre-fabricated pools - Easy installation

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.



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 / 7000K / 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

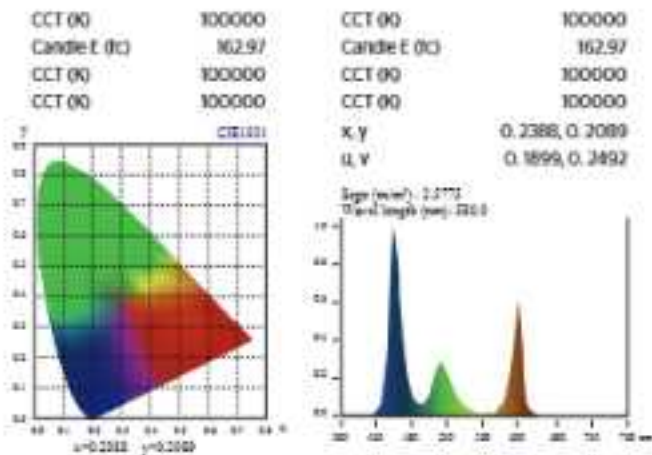
Atecpool Spectra-Slim LED Panel ABS Lighting - Specification

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

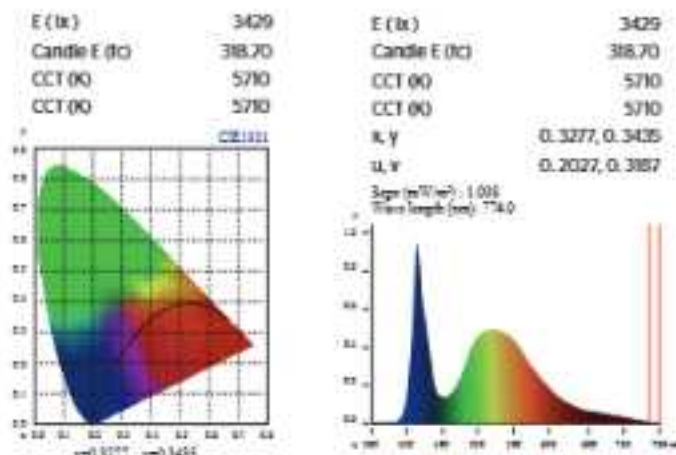
Spectra-Slim Panel 252 LED ABS Lighting 18/21W

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



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



CIE1931

X, Y

0.3277, 0.3435

u, v

0.2027, 0.3887

Size (m²/m²)

1.008

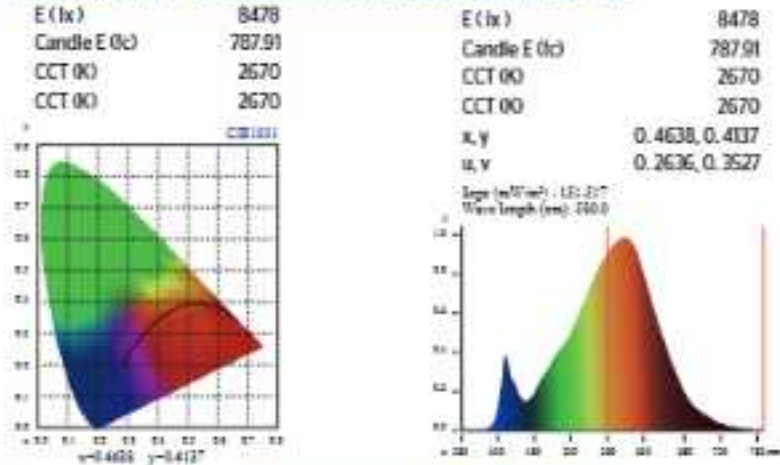
Wave length (nm)

774.0

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



CIE1931

X, Y

0.4638, 0.4137

u, v

0.2636, 0.3527

Size (m²/m²)

1.8127

Wave length (nm)

380.0



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	4850 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.



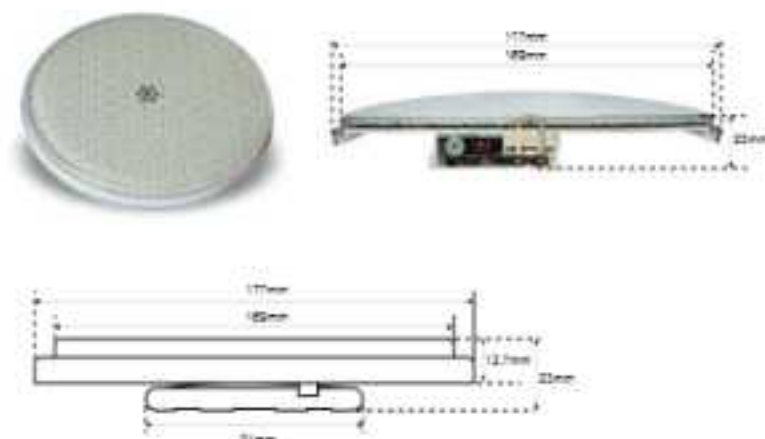
Concrete, Liner and Pre-fabricated pools - Easy installation

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.



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 / 7000K / 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.

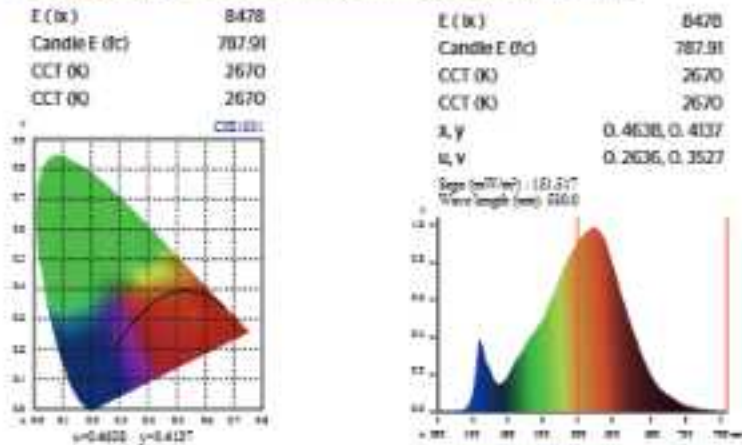
Spectra-Slim Panel 252 LED S.S. 316 Lighting 18/21W

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	1560 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

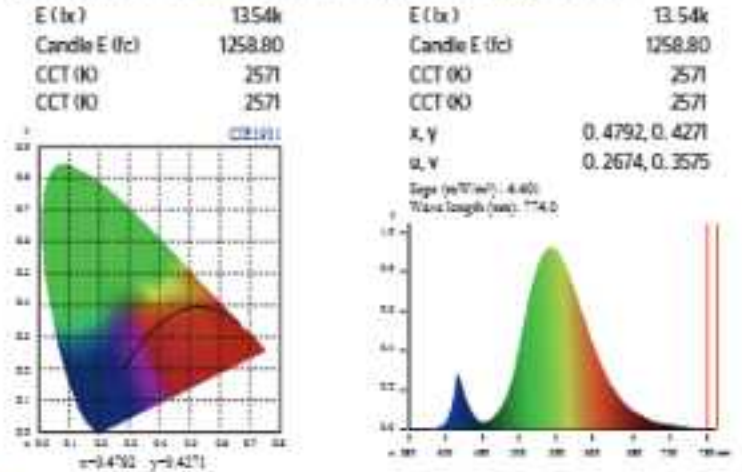
Photometrics - 93432 WW 33W 2700K LED / 12V AC



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	4960 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



Spectra Extra Flat LED Lighting

S.S. 316 Surface Mounted

Atecpool Spectra Extra Flat LED S.S. 316 Lighting

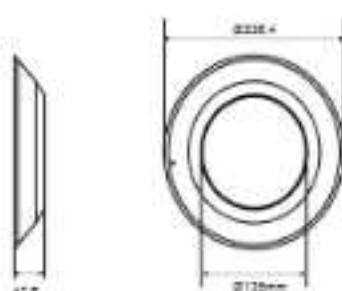
LED underwater light for swimming pools and spas. Lamps fully filled with resin, completely waterproof, wall mounted and nicheless with S.S. frame. Models available in RGB, Cool White, Warm White and Blue colour. RGB lights work with the Atecpool LED modulator. There is a remote control system for synchronization.

Specifications

- Electrical Connection: 12V AC
- Complete with 2 core 2X10 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.



LED Modulator



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

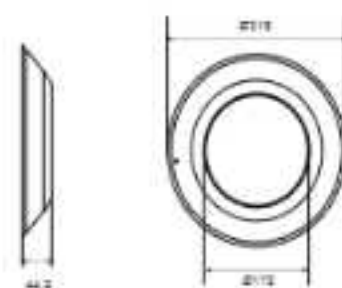


International
Safety Standard
IEC EN 60598-2-20



Cost Return on
Investment

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



Code	Description	Power / Voltage	Lumen	Color Temperature
20734	Spectra High Power Extra Flat RGB S.S. 316	30W / 12 VAC	1560 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

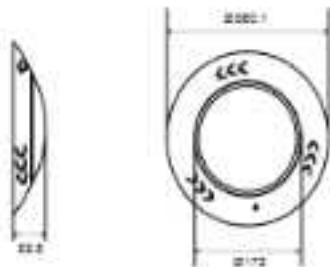
- Electrical Connection: 12V AC
- Complete with 2 core 2X10 mm² cable
- Construction: Moulded housing in ABS
- Protection Class: IP68
- Lamp life: approx. 60,000 hrs
- Supplied with 4 m cable
- 16 programs with synchronization capability

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.



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	1900 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 2X10 mm² 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.



Code	Description	Power / Voltage	Lumen
20814	Lumina Extra Flat 199 LED RGB ABS	11W / 12 VAC	150 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



205296

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 (10W),
Ø150 mm x 25 mm (18W).



205711

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



205768

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



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



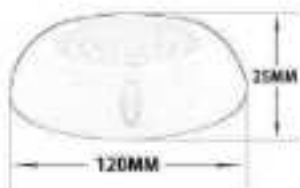
Matrix 120 LED Light

Ø120 mm x 25 mm



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	380 lm



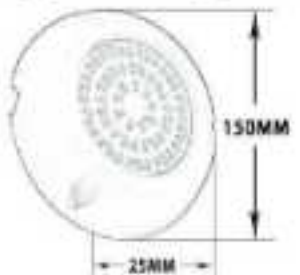
Matrix 150 LED Light

Ø150 mm x 25 mm



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

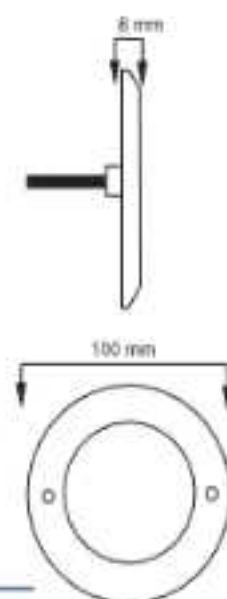
ABS Surface Mounted

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	0.065 kg		0.065 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

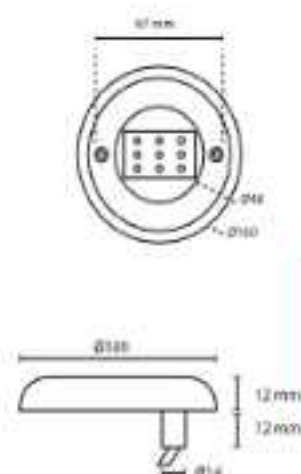
Atecpool Extra Flat Mini SS Lighting

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



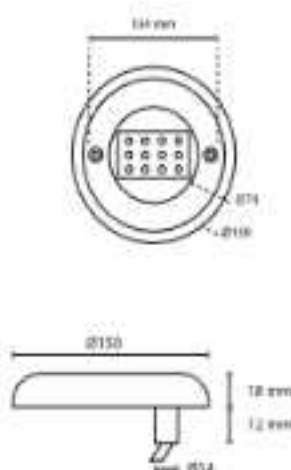
Code	20768	20765	20769
Power	10 W	10 W	10 W
Led type	CREE XPE LED		
Construction	Stainless Steel AISI 316		
Luminous Flux	600 lm	550 lm	330 lm
CCT Selection	6500K	3000K	RGB (4 core)
Color code	Cool White	Warm White	RGB
Beam angle	120°	120°	120°
Dimension (Ø x height)	100 x 12 mm	100 x 12 mm	100 x 12 mm
Net Weight	0.065 kg		
Input Voltage	12V DC	12V DC	24V DC
Insulation class / Rating	Class III / IP68		



Extra Flat Mini SS 12 LED Lights



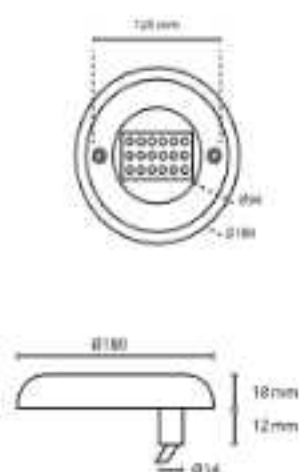
Code	20791	20770	20792
Power	18 W	18 W	18 W
Led type	CREE XPE LED		
Construction	Stainless Steel AISI 316		
Luminous Flux	925 lm	850 lm	680 lm
CCT Selection	6500K	3000K	RGB (4 core)
Color temp	Cool White	Warm White	RGB
Beam angle	120°	120°	120°
Dimension (Ø x height)	150 x 18 mm	150 x 18 mm	150 x 18 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



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	1075 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 SS-Lights.



202245

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.



20024

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.



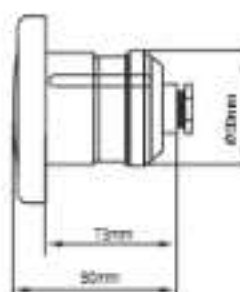
International
Safety tested
IEC EN 60598-2-18



Easy Return on
Investment



20444SSB



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

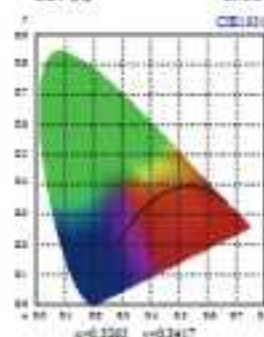
Specifications

- Electrical Connection: 12V AC
- Complete with 2 core 2x10 mm² cable
- Material of construction: SS AISI 316
- Protection Class: IP68
- Lamp Life: Approx. 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

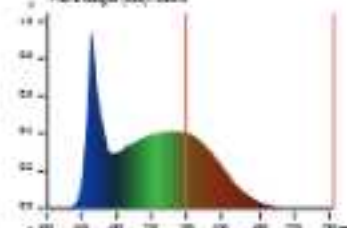
E (lx) 983.8
Candle E (cd) 91.43
CCT (K) 5768
CCT (K) 5768



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

X, Y 0.3265, 0.3417
U, V 0.2025, 0.3180

Sigma (mW/m²) 14.888
Wave length (nm) 383.8



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



Lumina Mini Spa LED Lighting
Stainless Steel 316



2 years
warranty

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.



Color Picker



International Safety Tested
IEC 60598-2-13



Fast Return on Investment

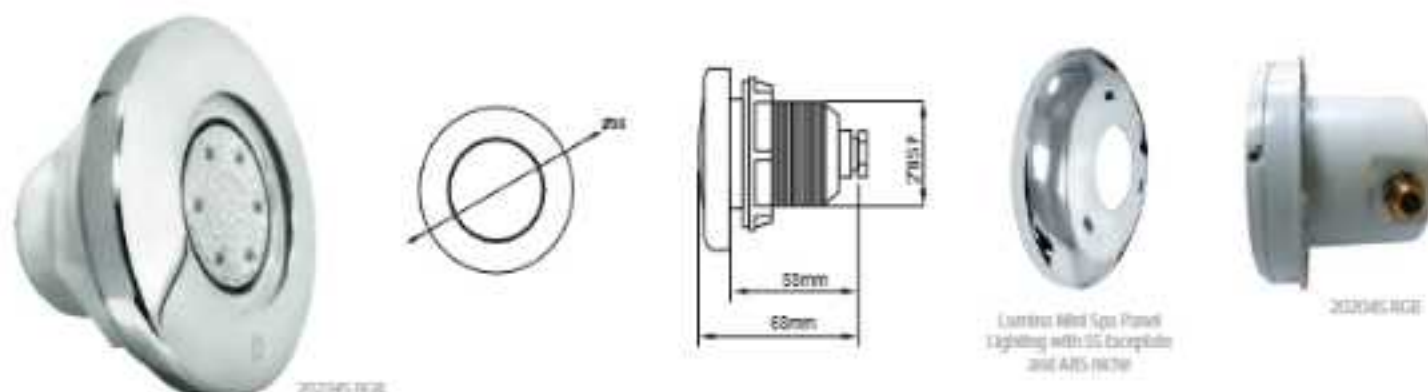
Specifications

- Electrical Connection: 12V AC
- Complete with 2 core 2x10 mm² cable
- Material of construction: ABS
- Protection Class: IP68
- Lamp Life: Approx. 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

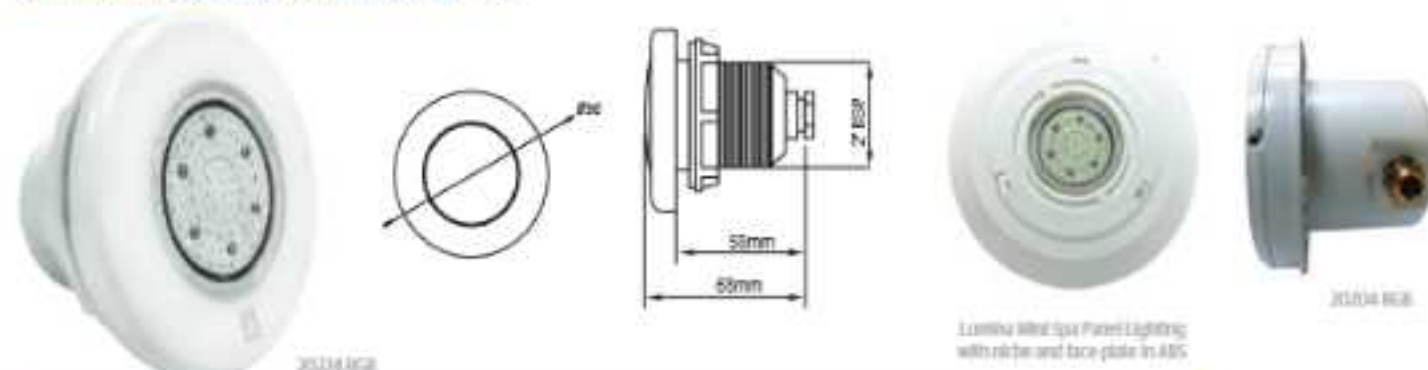
Lumina Mini Spa LED Panel Lighting - ABS with S.S. faceplate



Code

Threaded Type	Niche Type	Model	Power / Voltage	Lumen (lm)
202045 RGB	202045 RGB	Lumina Mini LED ABS with S.S. trim RGB	6W / 12V	350
202045 CW	202065 CW	Lumina Mini LED ABS with S.S. trim Cool White	7W / 12V	600
202045 WW	202065 WW	Lumina Mini LED ABS with S.S. trim Warm White	7W / 12V	560
202045 BLUE	202075 BLUE	Lumina Mini LED ABS with S.S. trim Blue	7W / 12V	165

Lumina Mini Spa LED Panel Lighting - ABS



Code

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

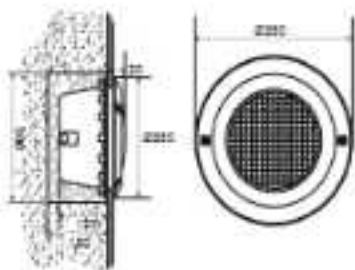


Atecpool ABS Halogen Lights

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



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



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



Code	Description	Packing	Weight (kg)
81302	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



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 m ³
81100	ABS Extra Flat 100W / 12V	2.25	0.014

Atecpool Spa Mini Light 50W / 12V - For concrete and liner

Atecpool Spa Mini Light niche type 50W / 12V halogen underwater light. Made of white ABS. The fixture uses aluminised 50W / 12V halogen lamp with 38° beam angle at 4 m distance with an illuminated circle of 2.5 m. Supplied with 3 m, HO7RN-F cable (2 core 1.5mm²). Easy to dismantle using the faceplate as a tool to replace the lamp. Available in ABS faceplate with SS trim.



81050

Code	Description	Weight kg	Volume m ³
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 m ³
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 38° beam angle at 4 m distance with an illuminated circle of 2.5 m. Supplied with 3 m, HO7RN-F cable (2 core 1.5mm²). Easy installation with push-fit and threaded connections to wall conduits.



88050

Atecpool Spa Mini Dichro Light 50W / 12V slip fit connection to Ø63 mm wall conduit for concrete pool

Code	Description	Weight kg	Volume m ³
88050	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 m ³
88050-01	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 $\geq 85\%$
- 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 $\geq 2.0w / mk$. Constant current output.
- Water temperature: $20^{\circ}C$ to $40^{\circ}C$ less than one meter depth
- Power cable: HO5RN-F 2 X $0.75 mm^2$ L = 2 m (12VAC low voltage); HO5RN-F 4 x $0.75 mm^2$ L = 2 m (RGB type)
- DMX / DALI controls compatible Vitrage series upon request

Vitrage 3 LED Symmetrical



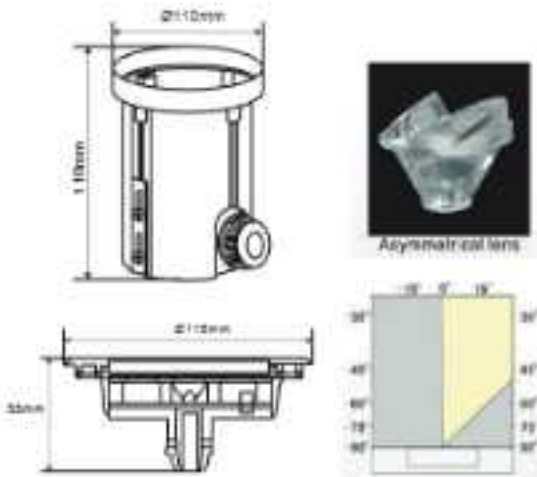
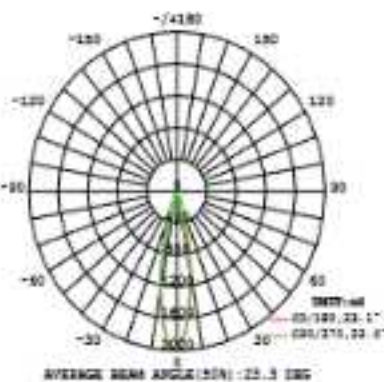
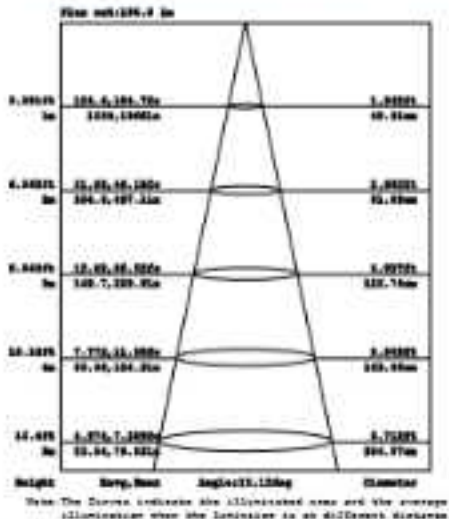
Vitrage 3 LED Asymmetrical



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

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, 30°



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. 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 $\geq 85\%$
- 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 $\geq 2.0w /mk$. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: HO5RN-F 2 X 0.75 mm² L = 2 m (12VAC low voltage). HO5RN-F 4 x 0.75 mm² L = 2 m (RGB type)
- DMX / DALI controls compatible Vitrage series upon request

Vitrage 6 LED Symmetrical

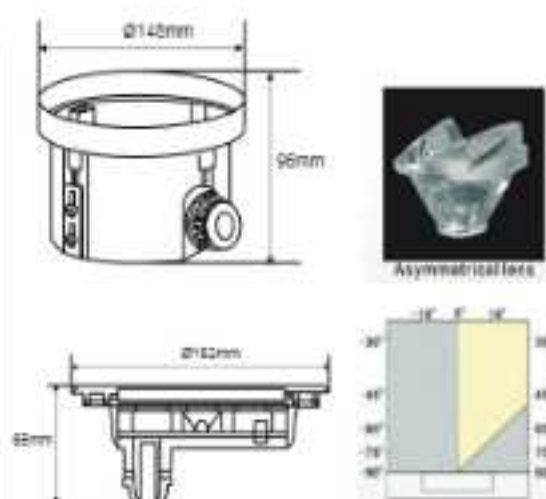
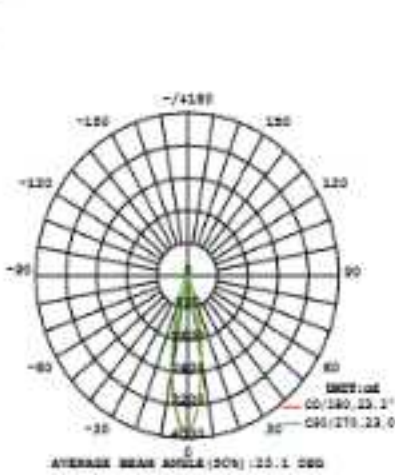
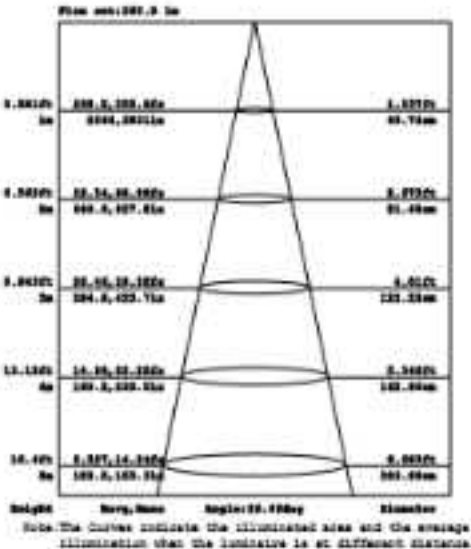


Vitrage 6 LED Asymmetrical



	Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
SYMMETRICAL	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	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, 30°



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 C3 in D 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: HO5RN-F 2 X 0.75 mm² L = 2m (12VAC, low voltage); HO5RN-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

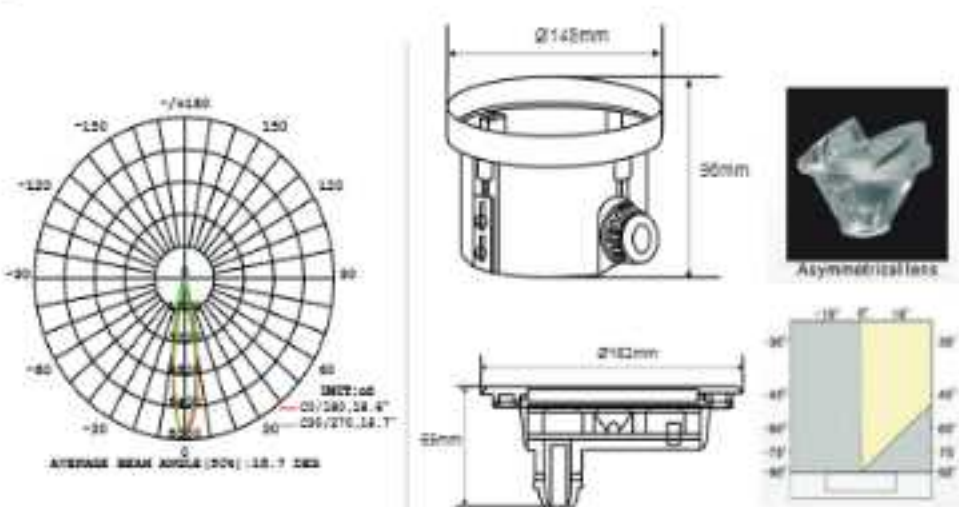
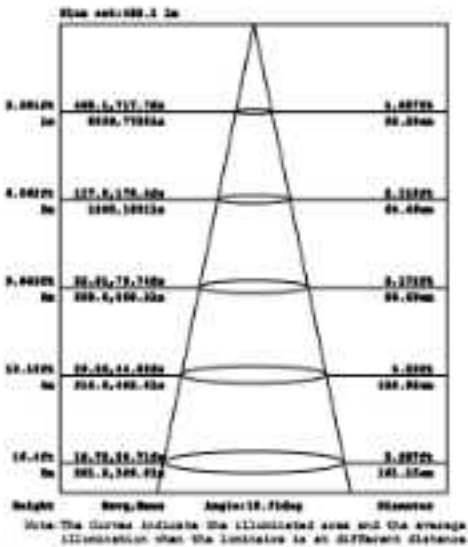


ATZ1206 CW

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, 30°



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 1-9 mm
- Reflector: Optical lens, efficiency $\geq 85\%$
- 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 $\geq 2.0 \text{ W/mK}$. Constant current output.
- Water temperature: 20°C to 40°C , less than one meter depth
- Power cable: H05RN-F 2 X 0.75 mm^2 L. = 2 m (12VAC low voltage); H05RN-F 4 x 0.75 mm^2 L. = 2 m (RGB type)
- DMX / DALI controls compatible Vitrae series upon request

Vitrage 12 LED Symmetrical



ATTENTION: CWA

Vitrage 12 LED Asymmetrical

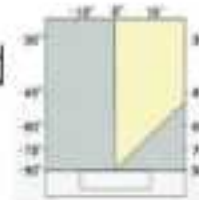
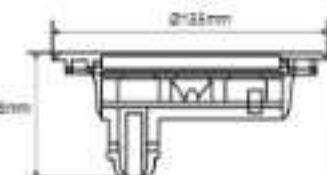
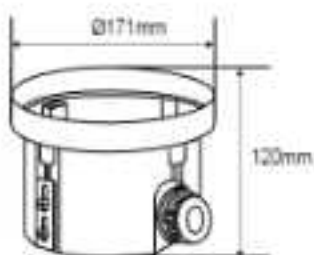
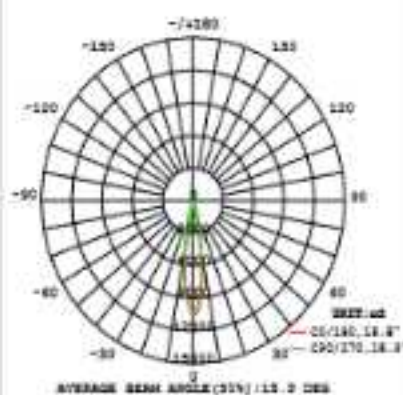
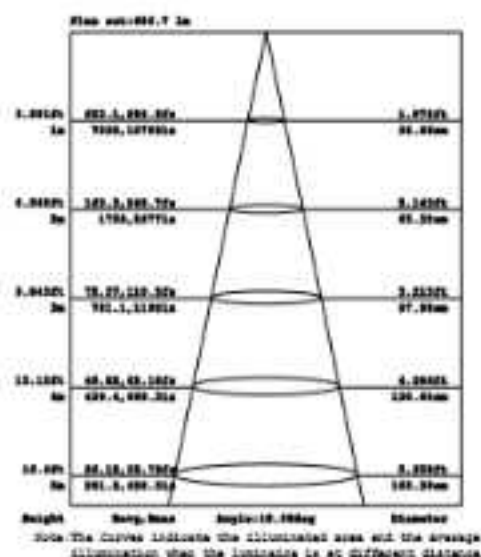


ATTEMPT-124

Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
A1Z1811 CW	Vitrago 12 LED Cool White	12V AC	12x3 W	30°	3100	Cool White 6000K
A1Z1811 WW	Vitrago 12 LED Warm White	12V AC	12x3 W	30°	2600	Warm White 3000K
A1Z1811 B	Vitrago 12 LED Blue	12V AC	12x3 W	30°	790	Single Blue
A1Z1811 RGB	Vitrago 12 LED Full RGB	24V DC	12x3 W	30°	1750	RGB 14 Modes

Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
A1Z1B05-CW	Vitrago 12 LED Cool White Asymmetrical	12V AC	12x3 W	45° Asymmetrical	3005	Cool White 6000K
A1Z1B05WW	Vitrago 12 LED Warm White Asymmetrical	12V AC	12x3 W	45° Asymmetrical	2604	Warm White 3000K
A1Z1B05-B	Vitrago 12 LED Blue Asymmetrical	12V AC	12x3 W	45° Asymmetrical	794	Single Blue
A1Z1B05-RGB	Vitrago 12 LED Full RGB Asymmetrical	24V DC	12x3 W	45° Asymmetrical	1755	RGB 14 Modes

Photometric Data: ATZ1811 CW - 6000K, 30°



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 1 - 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 HO/RN F 2X 10 mm L = 3 m
(for single colour) HO/RN F 4 X0.75 mm L = 3 m (RGB)
- Mounting sleeve: PVC with IP68 cable & conduit gland



Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temp
AT2003 CW	Spot LED Cool White	12V AC	1x3 W	30°	280	Cool White 6000K
AT2003 WW	Spot LED Warm White	12V AC	1x3 W	30°	190	Warm White 3000K
AT2003 B	Spot LED Blue	12V AC	1x3 W	30°	55	Single Blue
AT2003 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.



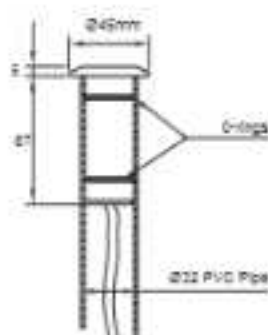
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temp
AT2004 CW	COB LED Cool White	12V AC	1x3 W	30°	280	Cool White 6000K
AT2004 WW	COB LED Warm White	12V AC	1x3 W	30°	190	Warm White 3000K
AT2004 B	COB LED Blue	12V AC	1x3 W	30°	60	Single Blue
AT20073D CW	COB LED Cool White	12V AC	1x3 W	30°	280	Cool White 6000K
AT20073D WW	COB LED Warm White	12V AC	1x3 W	30°	190	Warm White 3000K
AT20073D-5 CW	COB LED Cool White	12V AC	1x5 W	30°	350	Cool White 6000K
AT20073D-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.

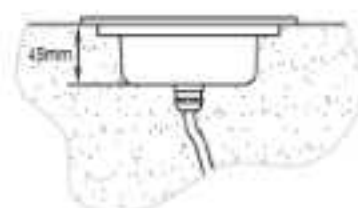
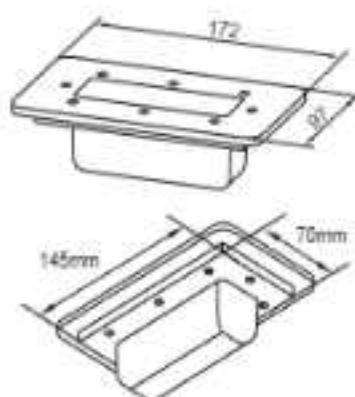


Technical Parameters

Code	STARRY01-CW	STARRY01-WW	STARRY01-R	STARRY01-G	STARRY01-B	STARRY03
Colour	Cool White	Warm White	Red	Green	Blue	RGB
Power	1W $\pm$ 10%W	1W $\pm$ 10%W	1W $\pm$ 10%W	1W $\pm$ 10%W	1W $\pm$ 10%W	3W $\pm$ 10%W
Input Voltage	5 $\pm$ 1VDC	5 $\pm$ 1VDC	5 $\pm$ 1VDC	5 $\pm$ 1VDC	5 $\pm$ 1VDC	5 $\pm$ 1VDC
Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Lumen	$\leq$ 60 lm	$\leq$ 54 lm	$\leq$ 40 lm	$\leq$ 55 lm	$\leq$ 13 lm	$\leq$ 42 lm
Operation Temperature	20 - 40°C	20 - 40°C	20 - 40°C	20 - 40°C	20 - 40°C	20 - 40°C
Cable Specification	2 x 0.75 mm ² TTR	2 x 0.75 mm ² TTR	2 x 0.75 mm ² TTR	2 x 0.75 mm ² TTR	2 x 0.75 mm ² TTR	4 x 0.75 mm ² 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 $\pm$ 10%W	3W $\pm$ 10%W	3W $\pm$ 10%W	9W $\pm$ 10%W
Input Voltage	12VAC	12VAC	12VAC	24VDC
Frequency	50 / 60Hz	50 / 60Hz	50 / 60Hz	50 / 60Hz
Lumen	$\leq$ 180 lm	$\leq$ 162 lm	$\leq$ 39 lm	$\leq$ 128 lm
Operation Temperature	20 - 40°C	20 - 40°C	20 - 40°C	20 - 40°C
Cable Specification	2 x 0.75 mm ² TTR	2 x 0.75 mm ² TTR	2 x 0.75 mm ² TTR	4 x 0.75 mm ² 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.

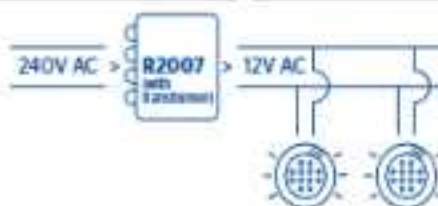
Atecpool 4 core LED Modulator used with Vitrage, Starry and Ladder colour changing RGB lights. Apart from selecting and synchronizing the colour, the 4 core modulator enables the user to control the sequence, pattern or speed of the light changing or to simply select a constant colour. The panel is designed 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.

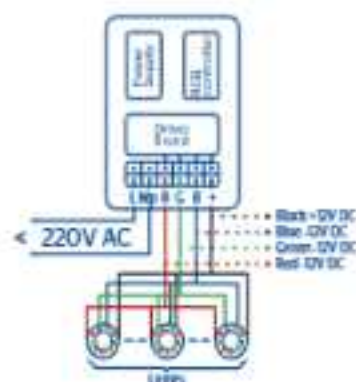
Code	Description	Power/Voltage
R2007	Atecpool LED Modulator 2 core with transformer	200W/12V AC (output)
R2009	Atecpool LED Modulator 2 core w/o transformer	1500W (max) / 220-240VAC (output)
R2007FX	Atecpool LED Modulator 2 Core with transformer Fixed Color Remote	200W/12V AC (output)
R2009FX	Atecpool 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
R4005	Atecpool LED Modulator 4 core	12/24V DC
R4005S	Atecpool LED Modulator Starry	5V DC



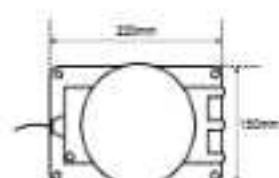
Atecpool Lighting Accessories

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.



01983000



Code	Primary	Secondary	Power	Dimension L/W/D (mm)
105W / 12VAC Toroidal Transformer IP65				
01983000	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 3/4" (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.



0292020



0292023



0292025



0292021



01982831

Code	Description	Outlets	Connection / IP Rating
01982823	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
01982833	Flexible Cable Conduit Hose 1 m	-	3/4"
01982831	Flexible Cable Conduit Hose 1.8 m	-	3/4"



POOL HEATING



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



ATECPPOOL
INTERNATIONAL
GROUP

atecpool.com

Atecpool Sirocco Inverter Heat Pump



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 utilizes a simple touch controller which brings the best user-friendly experience.

Simple Classic Touch Controller



Easy Touch
Easy Run

Silent Heat Pump

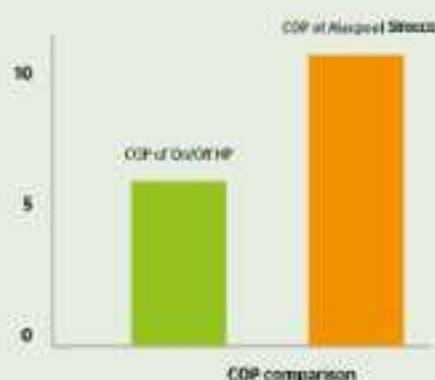
Patented Design

Atecpool Inverter Technology

R32/R410A production line

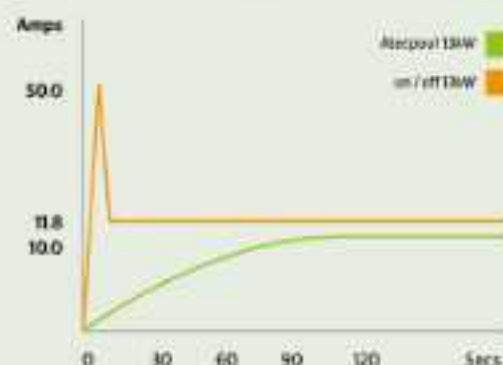
R410A GAS

Double Energy saving than on/off hp



Intelligent system protection

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



Atecpool Sirocco 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

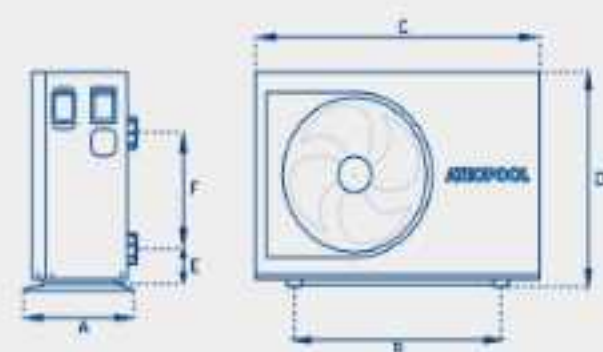
Atecpool inverters' control system is specially designed for pool heating. It can adjust the heating capacity precisely according to different heating needs: high speed in the beginning of the season, and better energy saving in the rest of the season by low speed.



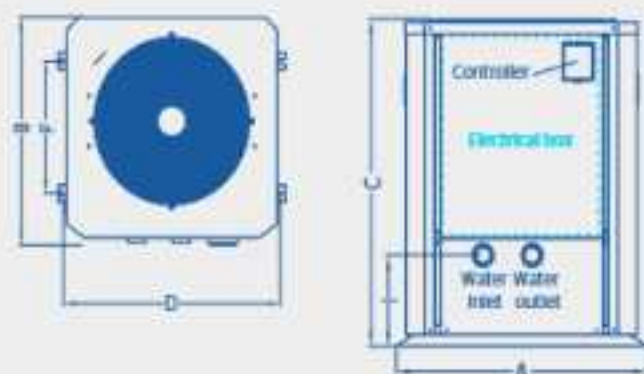
Intelligent Protection

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)
AI-IP15	405	680	1000	660	98	380
AI-IP23	405	680	1000	660	98	380
AI-IP30	405	680	1000	660	98	380
AI-IP20	445	650	1100	775	108	380
AI-IP253	445	650	1100	775	108	470



Code	A	B	C	D	E	F
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
AI-IP105	795	242	966	760	400	208
AI-IP108	795	242	966	760	400	208
AI-IP252	900	382	1054	885	500	208
AI-IP418	900	382	1054	885	500	208

Atecpool Sirocco Inverter Heat Pump Specifications



Atecpool Sirocco Inverter Side Discharge



Atecpool Sirocco Side Discharge



Model		AIHP115	AIHP153	AIHP180	AIHP212	AIHP253
Ambient air temperature: 27°C, water temperature: 26°C, 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	14.3-5.98	14.48-5.8
Ambient air temperature: 15°C, water temperature: 26°C, humidity 70%						
Heating	Heating capacity (kW)	8.23	11.5	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	7.5-4.95	7.45-4.93	7.58-4.92
Ambient air temperature: 43°C, water temperature: 30°C, 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	4.35-1.86	4.08-1.83	4.01-1.79	4.10-1.78
Power supply (V/Ph/Hz)		220V-240V/1P/50-60Hz			380-480V/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		5°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 465 x 766	
Net/Gross Weight (kg)		44/57	47/60	52/65	75/84	85/94

Atecpool Sirocco Inverter Heat Pump Specifications



Atecpool Sirocco Inverter Top Discharge



Atecpool Sirocco Top Discharge



Model	AVHP265	AVHP308	AVHP352	AVHP411
Ambient air temperature: 27°C, water temperature: 26°C, humidity 80%				
Heating	Heating capacity (kW)	265	308	352
	Power input (kW)	4.344	5.06	5.77
	COP	14.82-61	14.76-60.9	14.81-61
Ambient air temperature: 15°C, water temperature: 25°C, humidity 70%				
Heating	Heating capacity (kW)	1787	1984	2456
	Power input (kW)	3.71	4.17	5.25
	COP	7.05-4.76	7.28-4.76	6.84-4.68
Ambient air temperature: 35°C, water temperature: 28°C, humidity 70%				
Cooling	Cooling capacity (kW)	1484	155	174
	Power input (kW)	5.399	6.01	6.7
	EER	4.95-2.55	4.98-2.58	5.01-2.64
Ambient air temperature: 43°C, water temperature: 30°C, humidity 70%				
Cooling	Cooling capacity (kW)	12.25	13.4	15.6
	Power input (kW)	6.03	6.47	7.57
	EER	4.45-2.03	4.43-2.07	4.41-2.06
Power Supply (V/Ph/Hz)	380-415V/3Ph/50-60Hz			
Max Power input (kW)	61	65	73	80
Max Running Current (A)	129	116	130	143
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	774 x 720 x 965	900 x 812 x 1060	
Net/Gross Weight (kg)	105/120	108/123	137/152	140/155



Atecpool Mega Inverter Heat Pumps

High Capacity Inverter

For Commercial Installations



FIVE
STARS
HEAT
PUMP



R410A
GAS

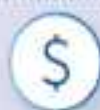
Less than
53dB



The most silent heat pumps



Wi-Fi
Integrated



Cost
Effective



COP up
to 15



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
- 0-52°C operation
- Aluminium-alloy casing
- Mitsubishi 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 27°C / water 27°C)	10.5 @50% Capacity	5
Input power	2.96 kW	12 kW
Heating time (for 1°C)	967 hrs	483 hrs
Daily consumption	2.06 kWh	5296 kWh
Yearly consumption (180 days)	49188 kWh	104328 kWh

Formula: $kWh = 1 \times V \times m^3 \times 1.6$

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



Atecpool Mega Inverter

Heat Pump Specifications

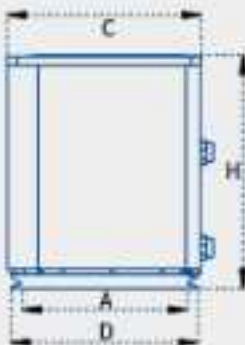
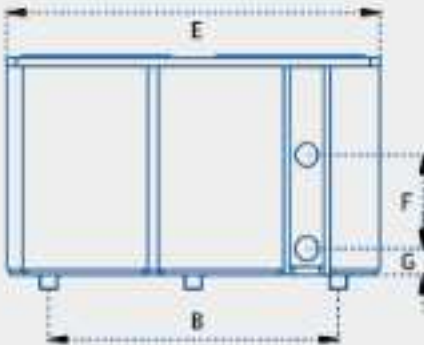
Mega Inverter Heat Pump Specification

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. (°C)	0°C - 55°C	
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	600	110	1070	1000	280	105	1260
AMHP090	1000	1000	1080	1050	2100	580	140	1280

Atecpool MegaHigh Inverter Heat Pump

Atecpool MegaHigh Inverter for large water bodies



Heating
Cooling



App Control

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	0.75-10.65	1.76-20.97
COP		61-163	62-160
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		41 - 51	43 - 53
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 - 35	
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	dBA	60	63
Sound Pressure 30m	dBA	40	43
Water connection	mm	63	110
Adjusted water flow	m³/h	25	45
Net dimensions (L x W x D)	mm	1750x840x1750	2170x1510x1730
Refrigerant gas		R410A	R410A



Atecpool Reversible Cycle Heat Pump

Air/Water Heat Pumps

Heating and Cooling



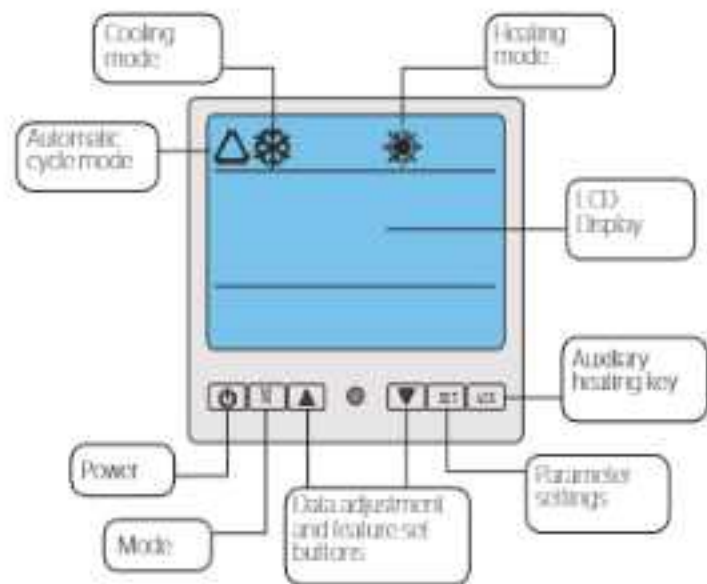
Atecpool Air/Water Heat Pump

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, ATECPPOOL 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

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.

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.

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 sun's 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	19	265	37	46	5	75	95
Cooling Capacity	kW	5.8	8.8	12	145	171	25	34
	BTU /hr	19720	30000	41000	49500	58500	86000	116000
Cooling Power Input	kW	21	285	39	52	5.8	84	9
Running current	A	8.6 / 9.6	13.6 / 14.3	18.0 / 19.1	21 / 23.5	8.91 / 10.33	11.2 / 14.5	15.7 / 16.4
COP		51	51	50	50	51	50	49
Power Supply	V / PH / HZ	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	415V3N-50Hz	415V3N-50Hz	415V3N-50Hz	415V3N-50Hz
Compressor Quantity		1	1	1	1	1	2	2
Compressor		Rotary	Rotary	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	51	59	61
Water connection	mm	50	50	50	50	50	50	63
Water Flow volume	m³/h	3	6	75	8	9	10	14
Water pressure drop (mud)	kPa	8	8	10	12	12	15	15
Unit net dimensions L/W/H	mm	1010*420*1930	660*660*980	660*660*980	660*660*980	660*660*980	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	499000	550000	714000
Heating Power Input	kW	11	15.7	175	225	302	342	453
Cooling Capacity	kW	42	56	70	88	106	120	150
	BTU /hr	143000	190400	238000	300000	360400	410000	510000
Cooling Power Input	kW	103	122	178	242	321	41.6	562
Running current	A	180 / 19.2	298 / 306	312 / 317	401 / 440	539 / 573	610 / 74.2	818 / 991
COP		49	4.49	47	45	4.80	47	45
Power Supply	V / PH / HZ	415V3N-50Hz	415V3N-50Hz	415V3N-50Hz	415V3N-50Hz	415V3N-50Hz	415V3N-50Hz	415V3N-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	m³/h	18	25	30	32	36	40	60
Water pressure drop (mud)	kPa	15	16	16	16	21	24	24
Unit net dimensions L/W/H	mm	1450*730*1280	2507*607*1310	2507*607*1310	2170*1063*1930	2170*1063*2100	2170*1063*2100	2850*1108*2220
Unit net weight	kg	295	360	370	695	752	950	1350

Data sheet is based on capacities:

Cooling: Ambient air temperature: 42° / 36° C - Water temperature: 33° C // **Heating:** Ambient air temperature: 73° / 18° C - Water temperature: 26° C

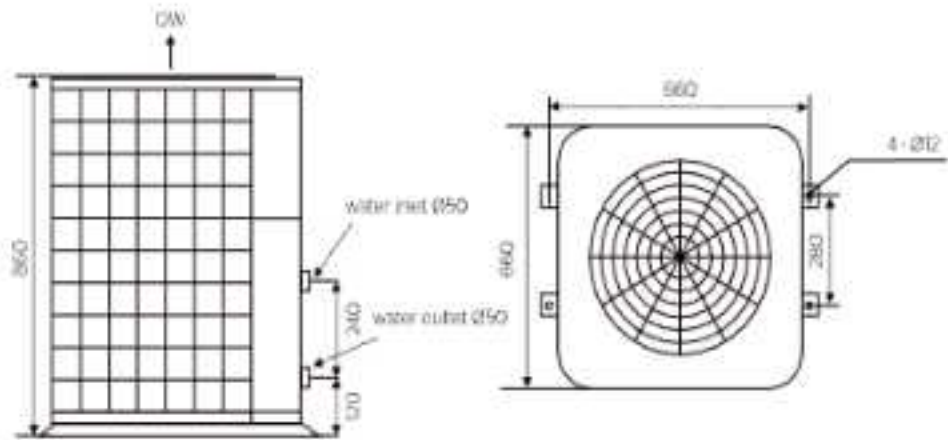


Reversible Cycle Heat Pump

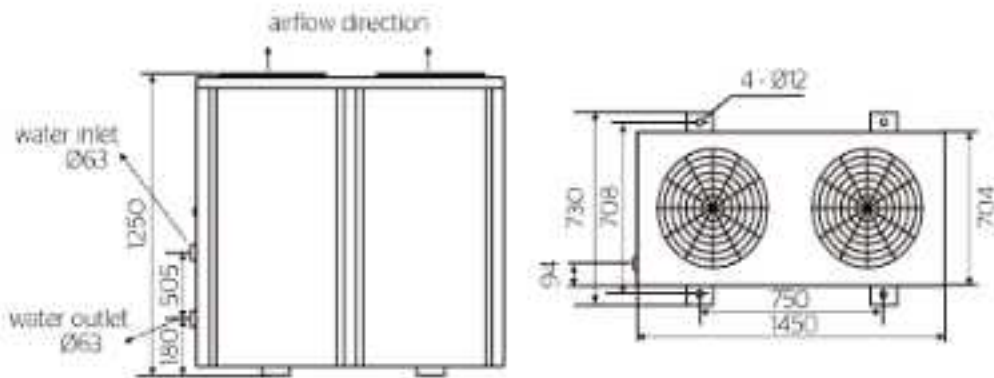
Outdoor Installation

Atecpool Air/Water Heat Pump

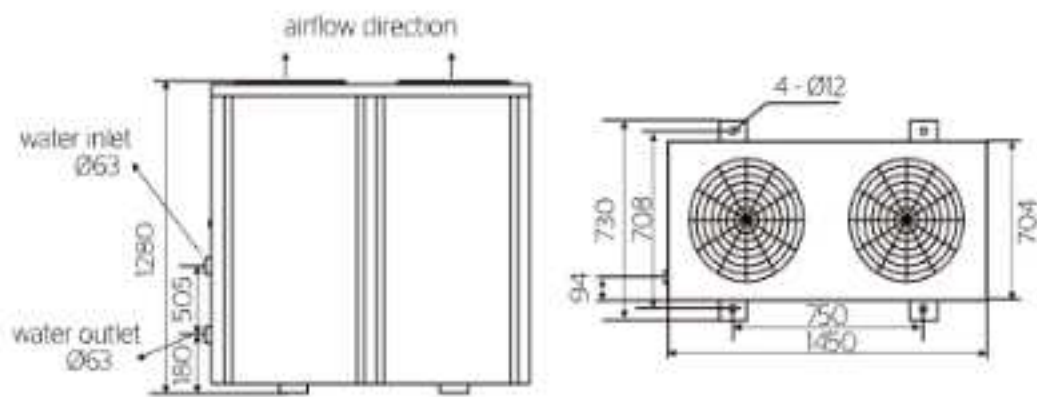
00000000
 Heating capacity 25 kW
 Cooling capacity 13.4 kW



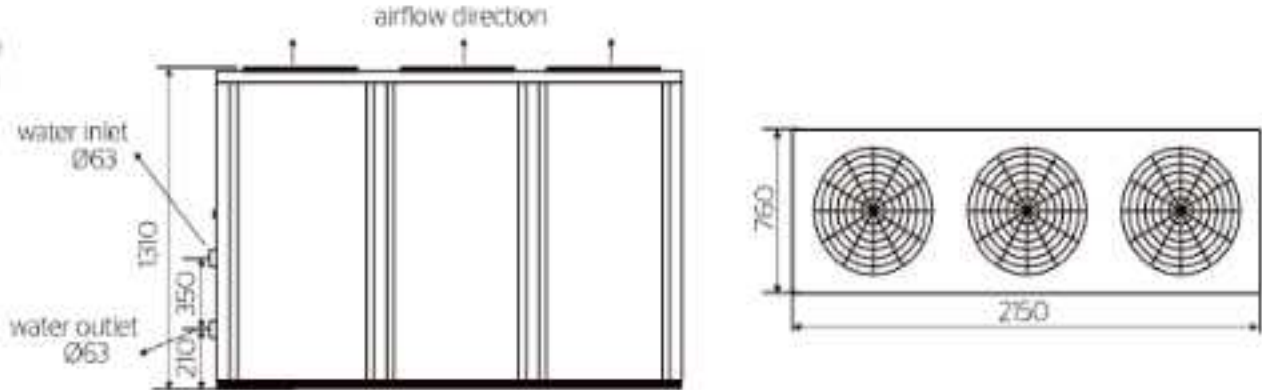
00000080
 Heating capacity 45 kW
 Cooling capacity 34 kW



00000090
 Heating capacity 55 kW
 Cooling capacity 42 kW



0000000
 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 <<

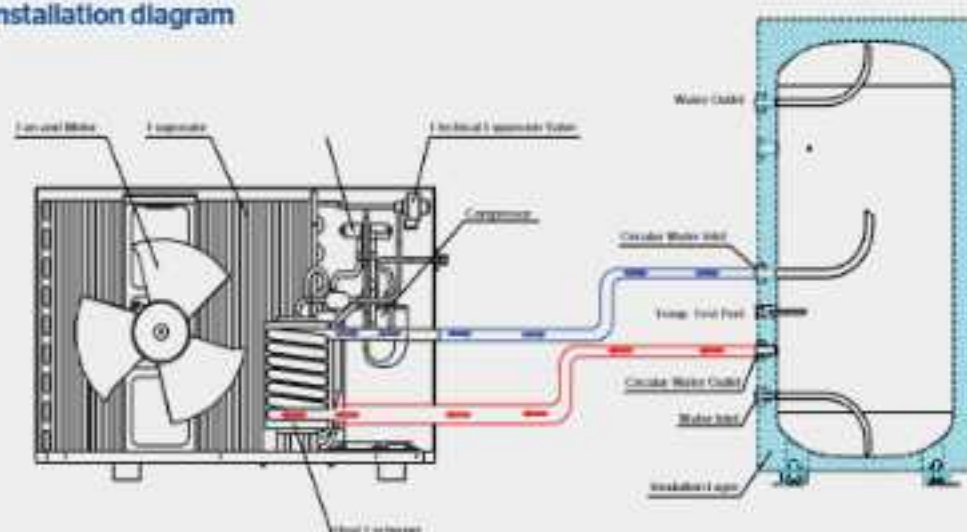
Suitable for cooling

- 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	75.0 Ton	12.35 (3.5 Ton)	18.15 Ton
Rated Power Input	kW	250	480	60
Rated current	Amps	1230	1860	1140
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	200	12.20
Min Cooling Water Temp			10°C	
Incoming Cable Size		3 Core x 25mm² Cu	3 Core x 40mm² Cu	5 Core x 25mm² Cu
Power Voltage		220V / 50Hz	220V / 50Hz	380V / 50Hz
Compressor	Brand	Panasonic	Panasonic	Panasonic
		Scroll™	Scroll™	Scroll™
Heat Exchanger		Titanium Tube Heat Exchanger in PVC shell		
Refrigerant		R410A	R410A	R410A
Electric Expansion Valve		DXF24	DXF30	DXF30
Defrost		Included		
Cabinet		Galvanized 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	dBA	49	58	58
Adjusted water flow	m³/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*1050
Net Weight	Kg	94	105	160

LCD Display and functions

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

LCD display

◆ Illustration for the buttons

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

Button

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 (At 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	WW	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		R32/R4			
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	1175*980*1900	1800*1050*1980	2350*1150*2370

Data sheet is based on capacities:
 Test Conditions: Ambient temperature 20°C/51°F, 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	336	671	1342	
Cooling Capacity*	kW	255	509	1019	
Power Input*	kW	79	15.8	31.6	
COP*	W	4.24	4.24	4.24	
EER*	W	336	320	322	
Heating Capacity**	kW	289	578	1156	
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	45	
Max. Running Current	A	25	45	90	
Power Supply	V / Ph / Hz	380-415V/3N-50Hz			
Compressor Type		Copeland ZW60KRE TFP522 Scroll Compressor			
Compressor Quantity		1	2	4	
Evaporator	Type	Tube in Shell Heat Exchanger			
	Water Flow	m³/h	50	100	200
	Water Pressure Drop	kPa	204	385	545
	Water Connection		DN32	DN80	DN80
Condenser	Type	Tube in Shell Heat Exchanger			
	Water Flow	m³/h	45	90	182
	Pressure Drop	kPa	165	309	415
	Water Connection		DN32	DN80	DN80
Noise	dBA	65.0	68.0	69.0	
Refrigerant		R32/A			
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	448	866	
Net Dimensions (L/W/D)	mm	1030 / 640 / 730	1172 / 900 / 1365	1600 / 1130 / 1500	
Shipping dimensions (L/W/D)	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

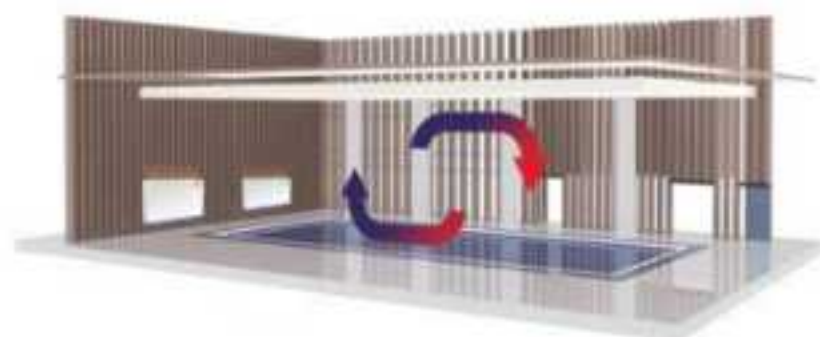


Wall Mounted Dehumidifiers for indoor pool installation

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 utilize 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 30 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



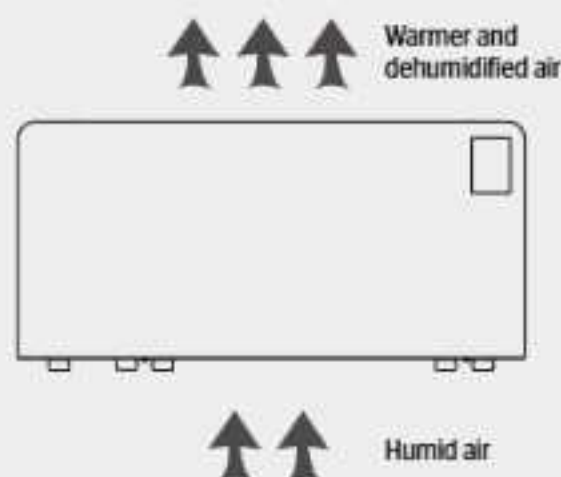
Atecpool Air

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	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.

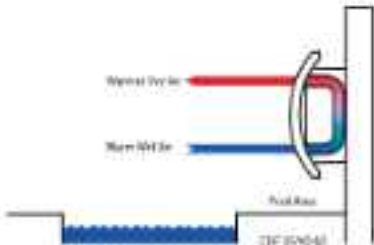
Wall Mounted Version CDP 40/50/70



Wall mounted version CDP 40/50/70

Dimensions CDP 40/50/70

	Height (mm)	Width (mm)	Depth (mm)
CDP 40	770	1080	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

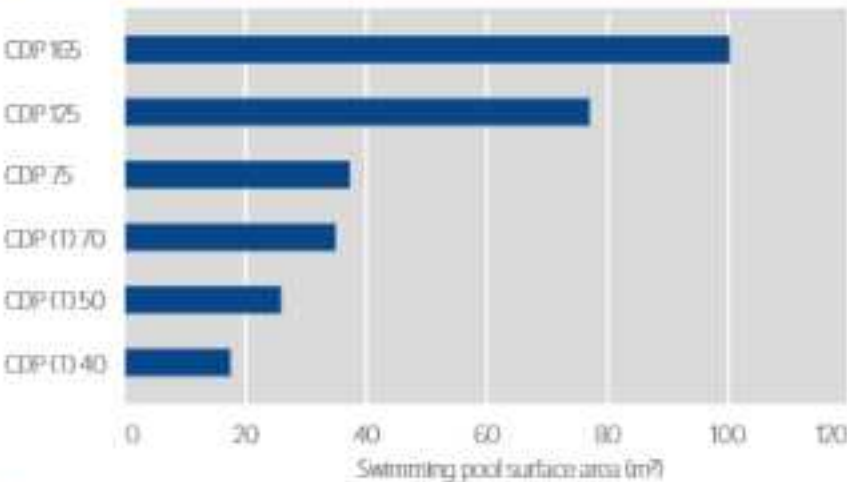
A newly developed remote control allows reading and setting of relative humidity and temperature, alarms and service information.



Technical data CDP 40/50/70

	Dehumidification capacity at 28°C / 60% RH 1/24h	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



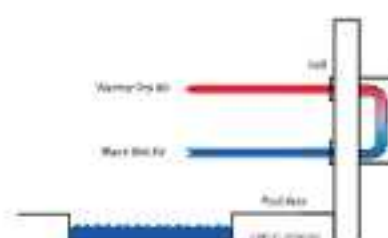
Through wall mounted version CDP (T) 40/50/70

Technical data CDP (T) 40/50/70

	Dehumidification capacity at 28°C / 60% RH 1/24h	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) 40/50/70 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



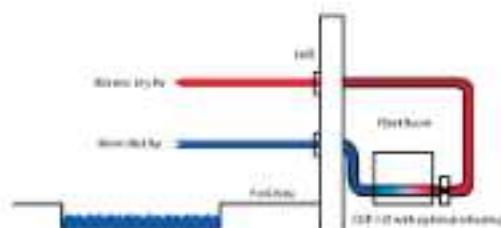
Ducted version CDP 75/125/165

Technical data CDP 75/125/165

	Dehumidification capacity at 28°C / 60% RH 1/24h	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

	Height (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



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

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 & 72/23/EEC

Harmonised Standards: EN55014, EN55014, EN5501, EN5502, CE1801-2, CE1801-3 and EN60335-2-35

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

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)

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

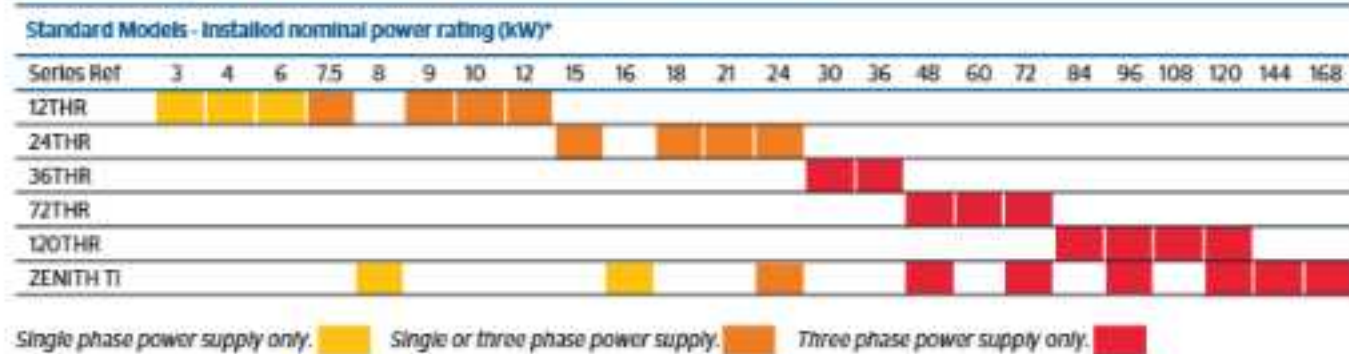
The Thermalec pool and spa heater range - main features

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



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

Thermalec

Titanium Electrical Heater

12THR Series (3kW - 12kW)



Packed dimensions: 425 x 450 x 190mm
Packed weight: 26kg

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/na	1 x 3 kW	Yes	No
12THRX4	4	17/na	1 x 4 kW	Yes	No
12THRX6	6	27/na	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	45	6	9	11	14	15	18

24THR Series (15kW - 24kW)



Packed dimensions: 730 x 520 x 300mm
Packed weight: 42kg

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

Thermalec

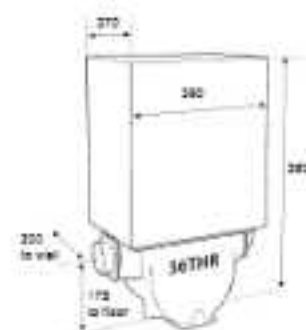
Titanium Electrical Heater

36THR Series (30kW - 36kW)



Code	Standard Power Supply: 400V/3ph/50Hz		
	Load (kW)	Current (Amps)	Elements (no. x nominal kW)
36THR30	30	44	3x4 kW + 6x3 kW
36THR36	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	56	



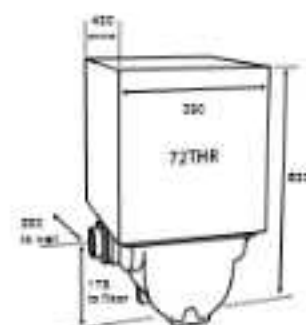
Packed dimensions: 660 x 450 x 330mm
Packed weight: 52kg

72THR Series (48kW - 72kW)



Code	Standard Power Supply: 400V/3ph/50Hz		
	Load kW	Current Amps	Elements (no. x nominal kW)
72THR48	48	73	12x4 kW
72THR60	60	91	15x4 kW
72THR72	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)
120THR84	84	122	21x4 kW
120THR96	96	140	24x4 kW
120THR108	108	157	27x4 kW
120THR120	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 m³/hour.



Highlights:

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

Advantages

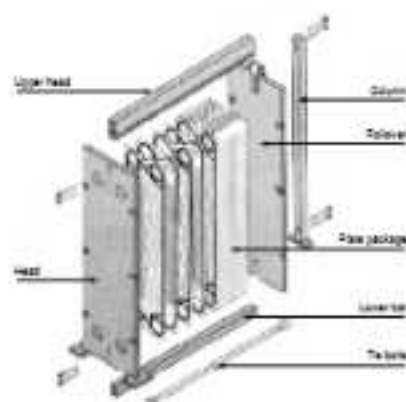
- The plates and plate patterns are constructed to maintain a high thermal efficiency with a low pressure drop
- There are two pattern designs available with different pressing angles giving respectively high/low turbulence flow, dependant on the given selection
- The inlet channels allow for maximum 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/technical data on request.





WATER TREATMENT



**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.



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 (MgCl₂).

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 (MgCl₂) 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 145/1 316.



Swim in drinking water!



Easy-Touch
Easy Run



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	
ASTATION 45	DAGEN complete assembly 45	7g/hr	14g/hr	45m³
ASTATION 90	DAGEN complete assembly 90	14g/hr	28g/hr	90m³
ASTATION 150	DAGEN complete assembly 150	21g/hr	42g/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	
ASTATION RX45	DAGEN complete assembly 45-RX	7g/hr	14g/hr	45m³
ASTATION RX90	DAGEN complete assembly 90-RX	14g/hr	28g/hr	90m³
ASTATION RX150	DAGEN complete assembly 150-RX	21g/hr	42g/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 (MgCl₂)



Complete controller for your pool system with integrated Wi-Fi module



Swim in drinking water! Combine DAGEN with full accessories to turn pool water into drinking water quality



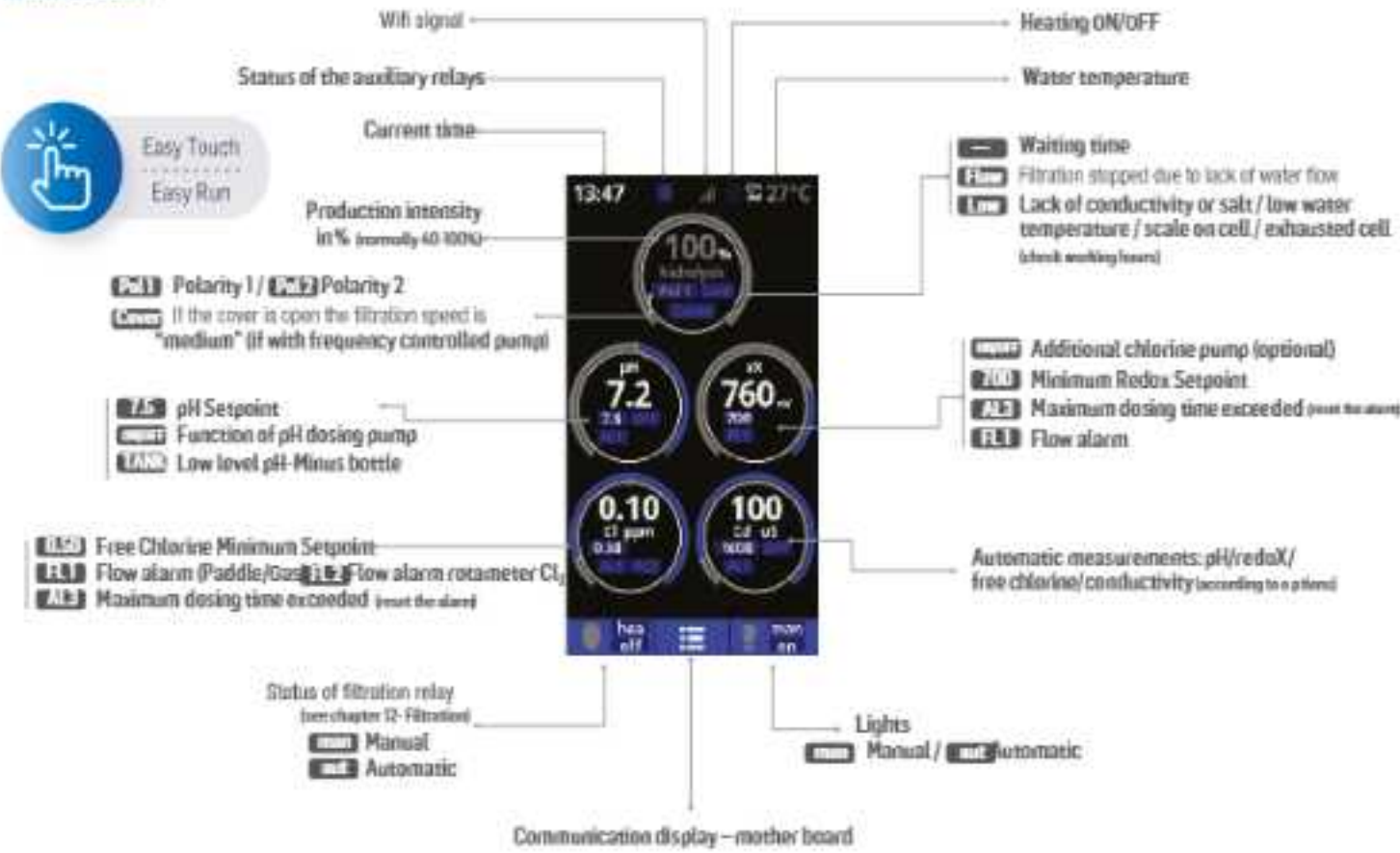
- pH measurement and automatic dosing
- Free chlorine (or Redox) measuring and control
- Temperature sensor
- Pump and backwash control (programmable)
- Automatic dosing of APF* for the best coagulation and flocculation
- Salinity probe (optional)
- Pool lights control
- Automatic dosing of ACP* (optional)

Salt Water Electrolysis

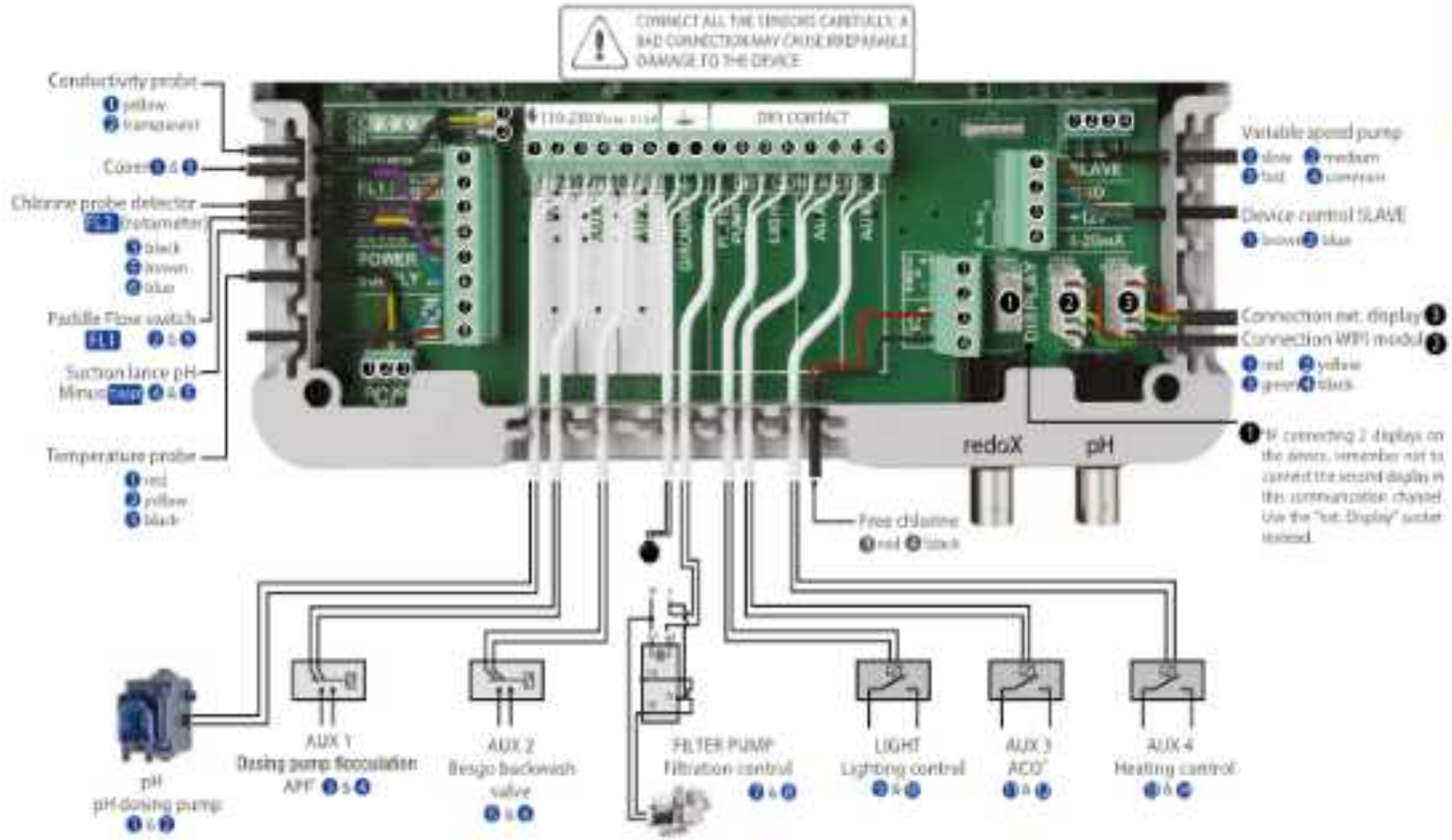
Automation Enabled Salt Chlorinator

Atecpool Automation Enabled - DAGEN Salt Water Electrolysis & Hydrolysis

Main Screen



Electrical connections



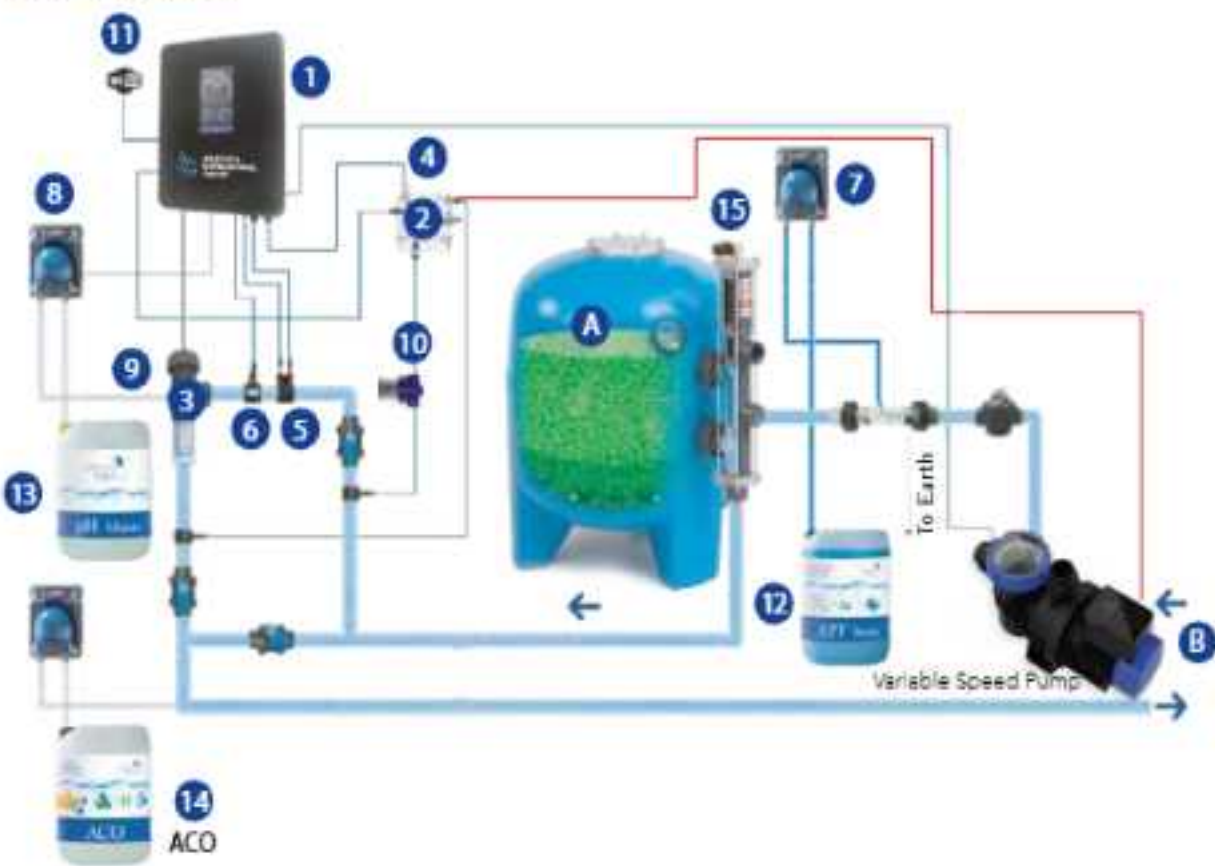
Salt Water Electrolysis

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.

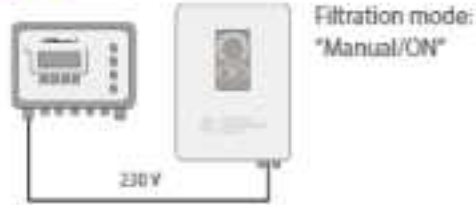
System Installation



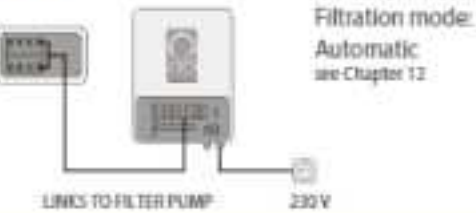
- A** Filter with AFM™
- B** Filter Pump

- 1** Control Panel
- 2** Free chlorine coil with rotameter
- 3** Cell (always in vertical position if installed without paddle flow switch (2))
- 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** Profiller
- 11** Wi-Fi module
- 12** AFS™ (not included)
- 13** pH-Minus (not included)
- 14** If Outdoor pool ACO™ (not included)
- 15** Bypass valve (not included)

*** Filtration control by external timer**



*** Filtration control by internal timer**



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



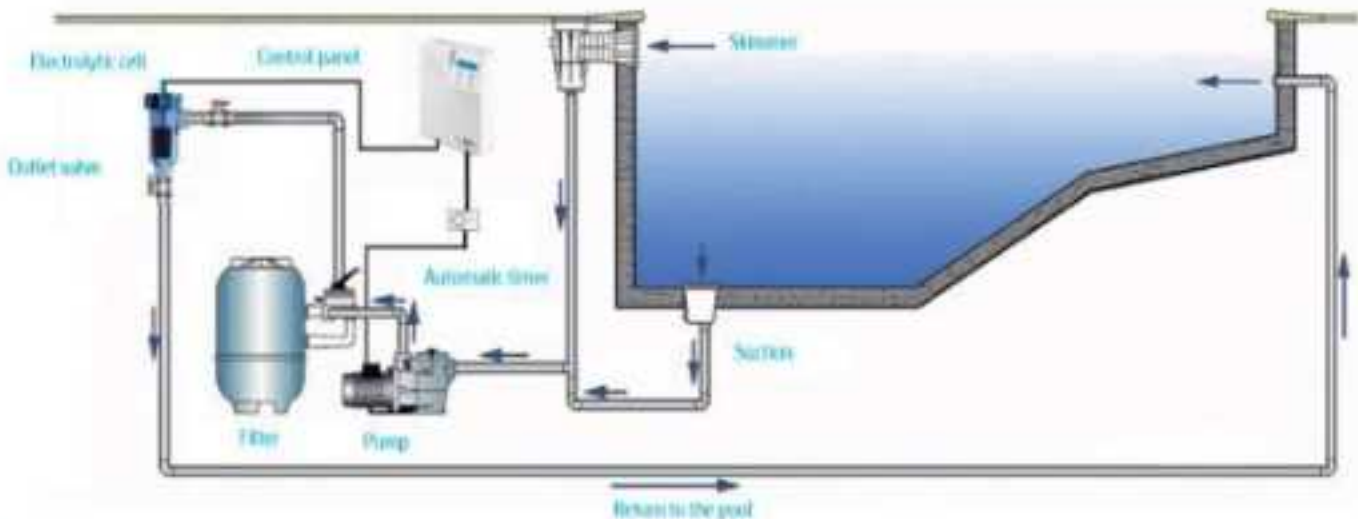
Code	Description
ATECB5	AT-Series Salt Chlorinator 15g/h
ATEC20	AT-Series Salt Chlorinator 20g/h
ATEC30	AT-Series Salt Chlorinator 30g/h
ATEC50	AT-Series Salt Chlorinator 50g/h



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	10000 h			
Minimum flow rate	6 m ³ /h	6 m ³ /h	6 m ³ /h	10 m ³ /h
Maximum operating pressure	25 Bar			
Bar Pressure Drop	0.025	0.025	0.025	0.030
Current output	25 amp	35 amp	5 amp	85 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	45 kg	45 kg	5 kg	13 kg
Packaging dimension	600 x 350 x 150 mm			645 x 640 x 220 mm

50 ↔ 200 m³

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

- Long 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: 15 l/h. Pressure 15 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 15 l/h - 15 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 1000 mV.
- Integrated peristaltic transparent acid pump 15 l/h - 15 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



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	25 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			



- 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



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 m³	80-120 m³	120-140 m³	140-170 m³
Recommended salt level	3gm/ltr - 4.5gm/ltr			
Cell expected life span	8000 h			
Minimum flow rate	4 m³/h	6 m³/h	6 m³/h	7 m³/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			



- 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).
- 420mA 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



PDMF 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 >	100m ³	200m ³	400m ³	500m ³	750m ³	1000m ³	1500m ³
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

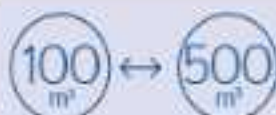
Premium Salt Water Chlorinator



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 / 775 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			



- High Performance
- Easy Installation
- Easy to use

Salt Water Electrolysis

Atecpool Commercial Salt Chlorinator

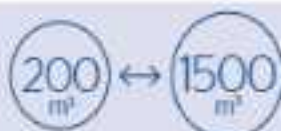
Commercial Salt Water Chlorinator



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 / 1350 Watts	230 VAC / 1625 Watts	230 VAC / 2540 Watts	230 VAC / 3540 Watts	230 VAC / 4440 Watts
Voltage output	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Chlorine production per hour (5g/l salt)	250 gr/h	300 gr/h	500gr/h	750gr/h	1000gr/h
Cell expected life span	14000 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	



- High Performance
- Easy installation
- Easy to use





Atecpool SalChloro Generator

On-site CL Production

In situ chlorine production by
saltwater chlorination



**Atecpool
SalChloro**

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

Atecpool SalChloro Generator

On-site CL Production

Atecpool SalChloro Generator

SCI7AT Model



SC35AT Model



SC70AT Model



Atecpool SalChloro Generator Includes

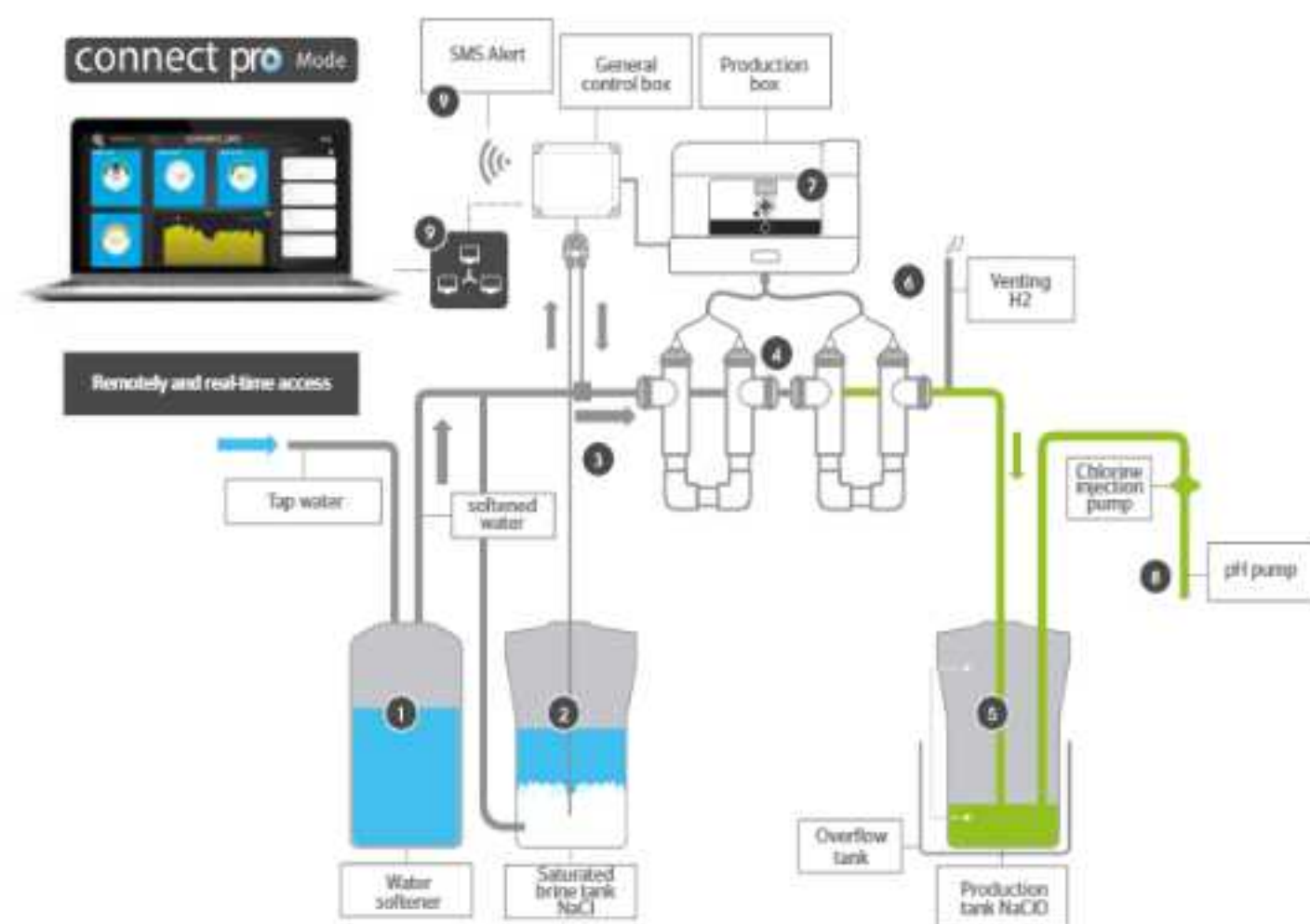
- 1 Control and Production Box**
Easy to use: The BOOST mode allows to launch an automatic filling program in a natural way or with predefined timetables.
Convenient: LED status indicator allows to check quickly the facility operating properly (SC35AT and SC70AT).
- 2 Production Cells**
Cell lifespan: 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.



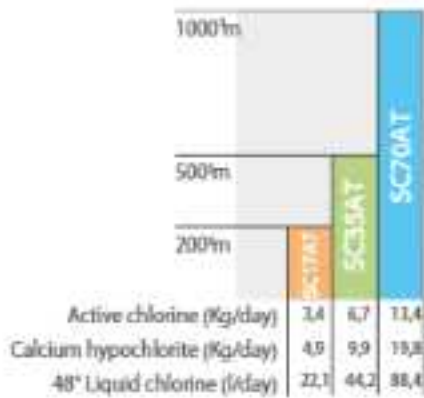
- 1 A softener feeds the installation with softened water.
- 2 Saturated brine is obtained on site from softened water and salt.
- 3 The brine is injected into the softened water stream before the production cell lines.
- 4 Softened water and salt are converted into a solution of sodium hypochlorite (NaClO) according to salt water 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

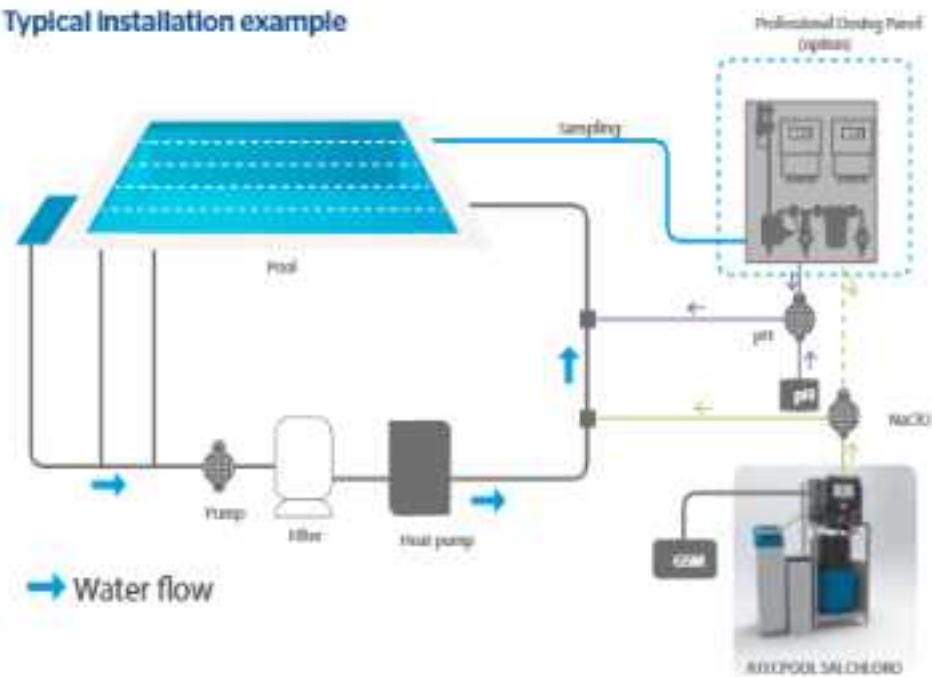
Model	SC17AT	SC35AT	SC70AT
CHLORINE PRODUCTION			
Maximum chlorine solution production capacity (liter / h).	175	35	70
Active chlorine concentration of the solution: 8 g / liter			
Chlorine production capacity (g/h)	140	280	560
Maximum production per day (Kg/day)	3,4	6,7	13,4
Equivalent Calcium Hypochlorite 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 (liters/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



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 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 ₂ 1x0.5A ac max/230V + 1x5Vdc 8W +1x Amperometric Cl ₂ Cell Control input product level, potential free, Cl ₂ sensor.
Range Cl ₂ (ppm)	0.0 - 20 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 L/h
Cl Electrode	Copper / Platinum
Temperature	5 - 40°C

PR007MC Panel (CLS2-1H Membrane ION Selective CL Cell)



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 ₂ 1x0.5A ac max/230V + 1x5Vdc 8W +1x potential free inductive sensor
Range Cl ₂ (ppm)	0.0 - 20 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

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 + 1x5Vdc 8W +1x Amperometric CL Cell
Control input	product level potential free, CL 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

Specifications

Standard	Pressure	Max	Max	Stroke	Solenoid	Weight	Pump head	VA	Pulses
	Bar	l/h	cc / imp			kg			
Chlorine pump	7	5	111	13	Ø80	8	PVDF	50	150
pH Pump	7	5	0.55	11	Ø80	8	PVDF	50	150

PR009MC Panel (CLS2-1H Membrane ION Selective CL Cell)



PR009MC Dosing Assembly Panel

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 + 1x5Vdc 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

Automatic Chemical Regulation and Control

pH & ORP Measurement and Controlling Device

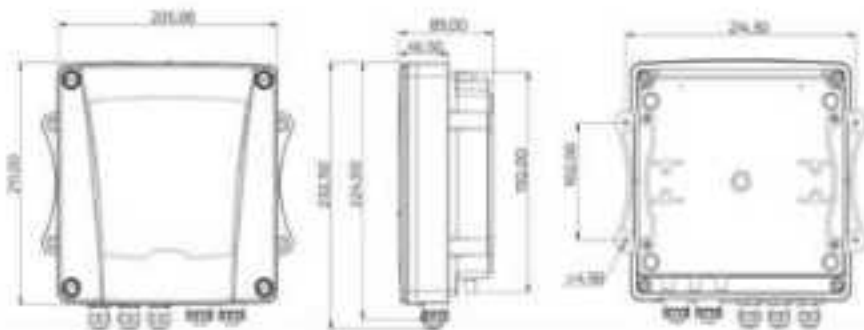
Tetra Controller for pH & ORP



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



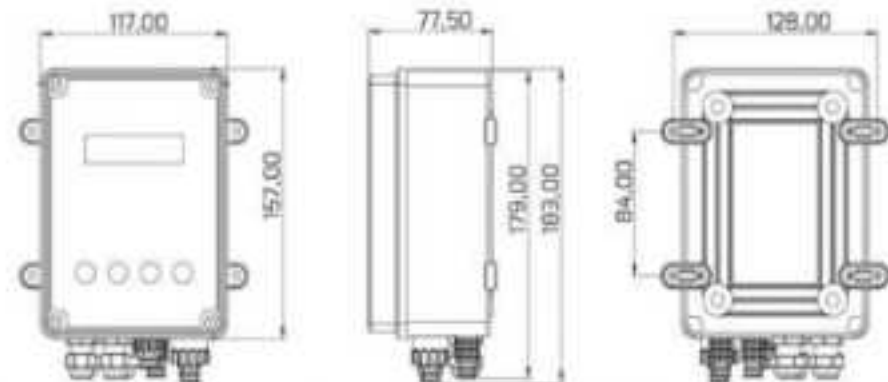
Aquameter Controller for pH or ORP



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
ph1003	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-pH/RX 5L/7B	5	7
620-580	ATEC-pH/RX 10L/5B	10	5
620-590	ATEC-pH/RX 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
- 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-pH/RX 10L/10B	10	10
630-255	ATEC-pH/RX 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 G30 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" PPV no return valve FPM
- 2m Discharge hose PE (semi-rigid)
- 2 + 15m 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 - 80Wh. Included with the pump:

- 1 Injection fitting 1/2" PP/ no return valve FPM
- 2 + 15m Suction Hose PVC (flexible)
- 2m Discharge hose PE (semi-rigid)
- 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 5,3L/0,5B	5,3	0,5	5,3 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



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, CLO₂, 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 (OClO) (calcium hypochlorite), chlorine gas, Electrolytically generated chlorine
Interference Parameters	OClO measured at 100% / OCl measured with slope approx 0.005 factor 10 to 10 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 ±25 Vdc / 10 - 25 Vdc 25mA
Output signal	Analog voltage output 0 ... 2000 mV/Output resistance 1 KΩ / NO galvanic isolation
Operating temperature	+5 ... +40°C, automatic compensation by integrated resistor
pH range	pH 4-12 (low pH dependency, linear decrease approx 5% per unit increase pH)
Flow rate / Pressure	Approximately 20 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 (DPD4-3P2B), Zero point calibration NOT necessary
Connection	4 poles screwable plug (NOI provided with cable, see cable for CLS sensors)
Material	Micro porous hydrophilic membrane, PVC-U body, SS 14571 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



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 KCl 3.5m for pH	
Electrical connector:	Head with fixed coaxial cable 1.5m length for pH or 5m for RX	
Remarks:	Suitable for most pH and RX (ORP) controllers	
Shaft length:	100 mm	
Code		EPH5 ERX5
Range:		
pH 0.14		-1000...+1000 mV
Membrane / Diaphragm:	Glass / membrane Resistance low / Ceramic	Platinum wire
Zero Point / Sensitivity:	0 ± 30mV Sensitivity 57.5mV/pH at 25°C	—
Temperature/Isobaric:	0...60 °C / Isobaric Point 0 ± 50mV	0...60 °C
Pressure:	4 bar	4 bar

Electrode Module for pH and RX / Sensor Holders



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



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
CLSI	Single Membrane Ion Selective Holder

Accessories with the dosing pumps



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)
- 2x1.5m Suction Hose PVC (flexible)
- 1 Filter fitting PP / Foot Valve lip type FPM

Code	Description
KIT1	STD Accessories KIT1



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 x 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 RX4/G	Buffer Solution 400mV, Bottle of 75ml
SOL RX20	Buffer Solution 620mV, 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	410
D-TANK200	Atecpool Chemical Tank for Dosing PE body 200 ltr	610
D-TANK600	Atecpool Chemical Tank for Dosing PE body 620 ltr	810
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.



Code	Shaft Length (mm)
MIX-MANGO	600
MIX-MANBO	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.



Code	Shaft Length (mm)	Power Supply	Motor Power / rpm
MIX/FE 3-6	750	380V - 3 phase - 50Hz	0,35kW / 1400 rpm
MIX/FE 1-6	750	230V - 1 phase - 50Hz	0,35kW / 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.



Code	Shaft Length (mm)	Power Supply	Motor Power / rpm
MIX/FMV 3-6	750	380V - 3 phase - 50Hz	0,35kW / 75 rpm
MIX/FMV 3-8	750	230V - 1 phase - 50Hz	0,35kW / 75 rpm

UV Disinfection

Ultraviolet Solutions



ATEC UV-40

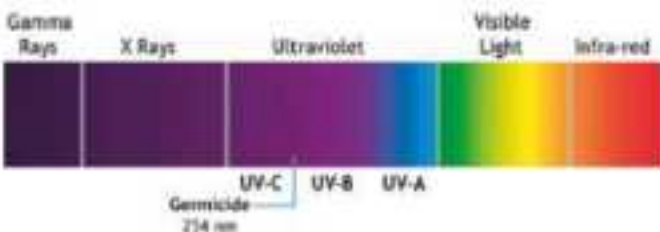


For a cleaner, healthier pool environment

- 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, Gardia, 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 4in 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 184W	DN 100	600
MPL 220	220	60	1 x 31kW	DN 200	600
MPL 300	300	60	1 x 31kW	DN 250	600
MPL 500	500	60	1 x 51kW	DN 250	800
MP 100 TS	80	60	1 x 11kW	DN 125	1125
MP 125 TS	140	60	1 x 31kW	DN 150	1152
MP 140 TS	300	60	1 x 31kW	DN 200	1244
MP 340 TS	450	60	2 x 31kW	DN 250	1220
MP 340 TS	675	60	3 x 31kW	DN 300	225
MP 440 TS	900	60	4 x 31kW	DN 300	124

* 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 90%

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/cm²) 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 cm² at actual recommended flow rates	Pressure Max	UV Lamp	Diameter of Reactor	Total Height
Feature	m³/hr	mJ/cm²		(W)	(mm)	(mm)
ATEC ES-5	7	30	40 psi - 3 bars	1x30W	1"	400 mm
ATEC ES-15	13	30	40 psi - 3 bars	1x45W	1"	625 mm
ATEC ES-20	18	30	40 psi - 3 bars	1x60W	1"	987 mm
ATEC ES-40	25	30	40 psi - 3 bars	1x90W	1"	1661 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 13000 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 cm² at actual recommended flow rates	UV Lamp	Inlet / Outlet Diameter	Height of Reactor	Diameter of Reactor
Feature	m³/hr	mJ/cm²	(W)	(mm)	(mm)	(mm)
ATEC UV-10	7	30	1 x 33	50	406	50
ATEC UV-20	12	30	1 x 55	50	676	50
ATEC UV-30	20	30	1 x 87	63	942	50
ATEC UV-40	25	30	1 x 105	75	1196	50
UV-3000 HO	33	30	3 x 107	63	10046	50
UV-3205 HO	45	30	3 x 107	75	1040	205
UV-4205 HO	65	30	4 x 107	75	1040	205
UV-5205 HO	85	30	5 x 107	75	1040	205
UV-6205 HO	95	30	6 x 107	75	1040	205
UV-6223 HO	110	30	6 x 107	75	1040	223

Note: The performance of these devices have been calculated at the end of the lamp's life and with a transmission of 90%. 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/cm², which is sufficient disinfection and protection against 99.9% chlorine resistant micro-organisms.

ATEC E-Series UV Sterilizers Specifications

- Reduces the chlorine consumption up to 50%.
- 316L Stainless Steel housing with mirror polished interior that increases the UVC 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 9000 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	10W	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 9000 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	100W	11	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	10W	11	2"

Prozone

Ozone & Advanced Oxidation Systems

Prozone Ozone Generation

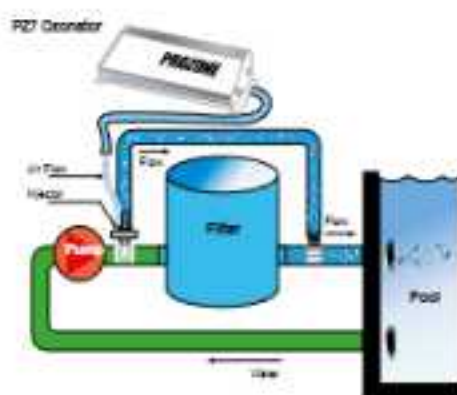
The Prozone system produces ozone when air is drawn across a special high-energy vacuum ultraviolet (VUV) lamp, converting some air to ozone. A venturi injector is inserted on the return line, by-passing water back into the return line of the pool which creates suction that draws the ozone into the venturi, 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 (1 1/2 or 2 in.)
- Operating Temperature: -25° F. to +140° 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

PZ2-4 - 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-Unit	Pool Size	Nominal Loading	Weight	Dimensions	Installation Packages
PZ2-4	Up to 50,000 gallons Spas up to 1000 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 2500 gal	Up to 150,000 gallons	66 lbs.	27" x 10" x 39"	
PZ2-8	Up to 100,000 gallons Spas up to 3000 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-Unit	Pool Size	Nominal Loading	Weight	Dimensions	Installation Packages
				0mm	0mm
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 3/8" Accu-Tab Blue SI calcium hypochlorite tablets to deliver predictable rates of chlorine for a variety of HMA 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	6M" x 25"H	3/4" Socket	3/4" Socket



16210300

Power Base 1030

The Accu-Tab[®] system combines the patented erosion feeder technology of the PowerBase 1030 chlorinator with proprietary 3/8-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
16210300	22"W x 27"L x 25"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 1120,000 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 60"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: $\text{Ca}(\text{OCl})_2$
- Dimensions: 3 1/8" diameter x 1 5/16" 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: $\text{Ca}(\text{OCl})_2$
- Dimensions: 3 1/8" diameter x 1 5/16" 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	ACCUTAB Blue SI 25kg	1 pallet (24 pails)	600
03400013	ACCUTAB 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)		(m³)
00505678	4.2 (1.85 / 2kg)	16 (1.85 l/h)	3.44 bar	1½" IN/OUT Threaded	200	140	12	1	0.03
00505679	9 (1.85 / 4.09kg)	32 (1.85 l/h)	3.44 bar	2" IN/OUT Threaded	360	180	18	1	0.09

Floating Dispenser

Allows easy dosage of pool chemicals with capacity for 4 tablets, 200 grams each.



Code	Diameter of Tablet	Unit
00505388	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)
20031	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, and 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 cuvette

Code	Description
LA000	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 - 29.0 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-bliстер 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/8 Chlorine/Bromine scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 Cl/Br 0.1 - 6.0 Br 0.22 - 11.2
	PT500	Pooltester pH, chlorine/bromine and alkalinity. Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 Cl/Br 0.1 - 6.0 Br 0.22 - 11.2 Alk 0 - 250
	PT200	Pooltester pH and active oxygen (MPS). Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 MPS 0 - 15
	PT300	Pooltester pH, Hydrogen Peroxide (H ₂ O ₂) and PMMB (Biquanidol 2.2). Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 H ₂ O ₂ 10 - 100 H ₂ O ₂ 5 - 50
	PT400	Pooltester pH and (Iron) 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
Mini Tester	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/Br 0.05 - 5.0 Br 1.1 - 11.0
	PTM500	Mini Tester pH and Active Oxygen (MPS). Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 O ₂ 15 - 75.0
	PTM900	Mini Tester pH and Chlorine Dioxide. Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 Chlor Diox. 10 - 95

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".



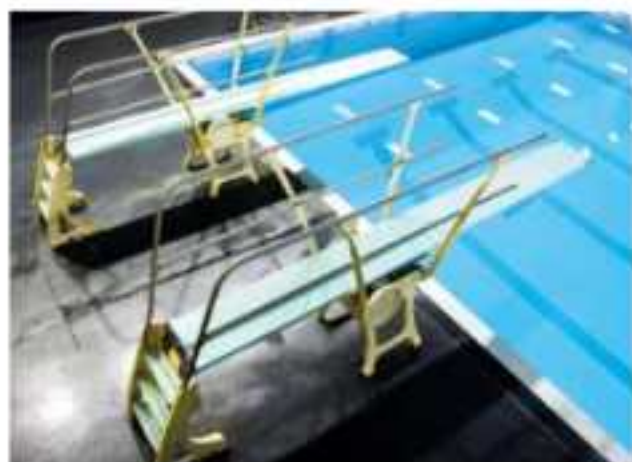


COMPETITION EQUIPMENT



ATECPOOL
INTERNATIONAL
GROUP

Competition Equipment



**“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

Durallex 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 the fulcrum by rubber channels attached to the ribs.

16' MAXIFLEX - MODEL B Springboard

The 16' Maxtlex 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' Duralflex. What distinguishes the Maxi-B from other models is that the board has 199 slots at the tip end.

Code	Description	Length (ft)	Weight (lbs)
GG-28-300	Monoflex Model II 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 Durallex 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
		(in)	(lbs)
05-236(32)	Disables 16" Springboard	16	145



14' DURAFLEX

The M 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 (ft)	Weight (lbs)
65-29-324	Dumfries 14' Springboard	14'	140

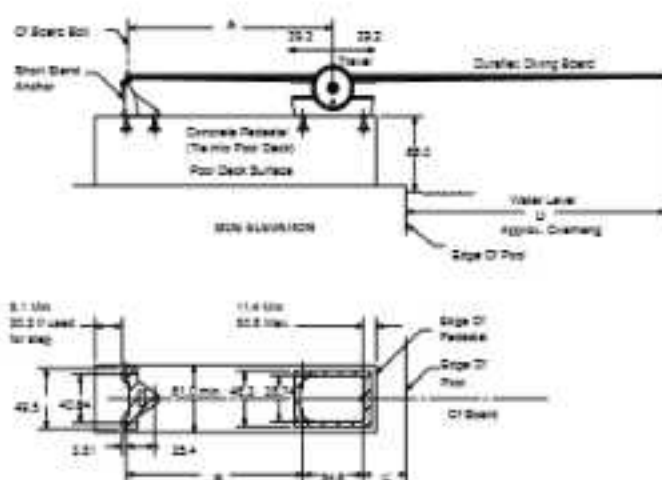


Short Stands

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)
X023520	Short Stand with double handrails	35
X023524	Short Stand without handrails	25



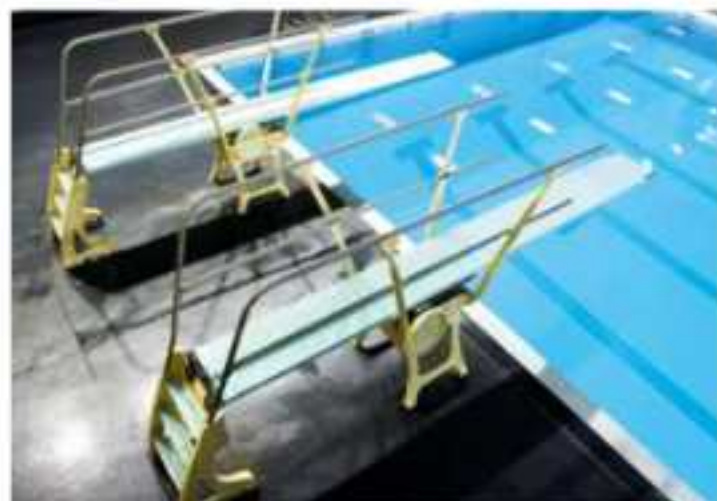
Duraflex 1 and 3 Meter Stands



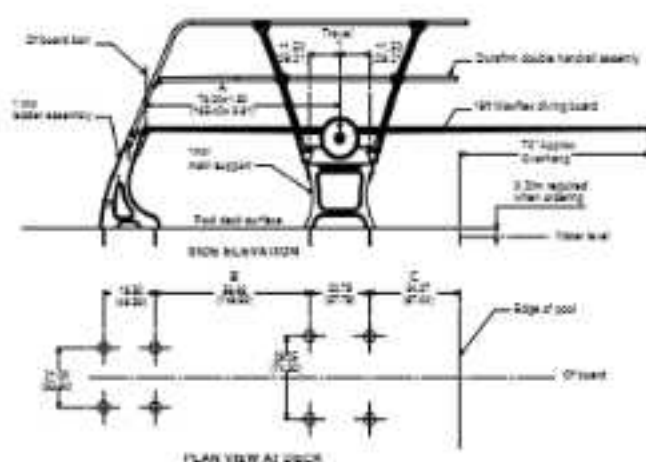
1 Meter Stand

1 Meter Duralflex stand is designed to provide a firm foundation for mounting Duralflex aluminium springboards. The Duralflex stand is the result of design focused on stability, low noise level and ease of installation.

Duralflex 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)
20-23-400	1 Meter Stand with handrails on both sides	420



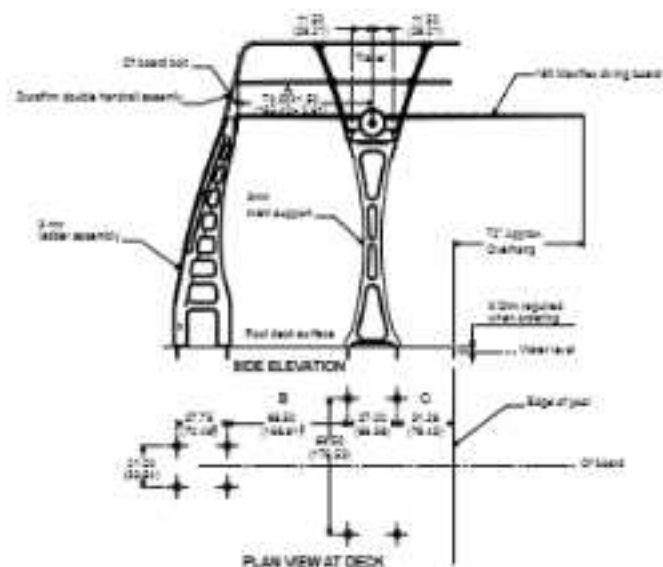
3 Meter Stand

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.

Duralflex 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)
Z0-Z8-300	3 Meter Stand with handrails on both sides	625



Competition Equipment

Olympic Pool Accesories

Anti Wave SuperBlock with Track Start

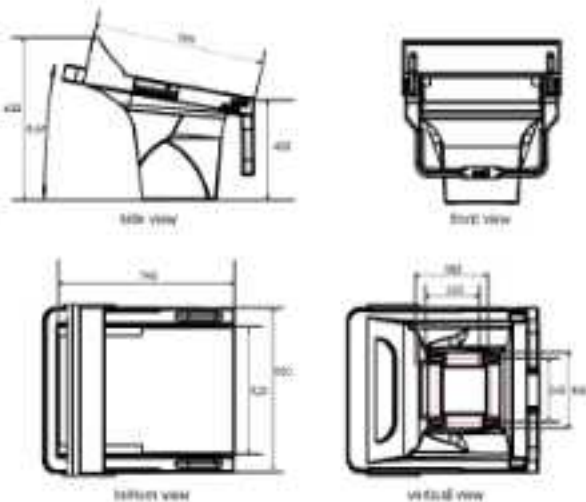
Made of reinforced fiberglass, these are the premium starting blocks for top performance training and competition venues. 800x620 mm antislip platform surface with AISI 316 fittings. Backstart handles reinforced with AISI 316 for safety and durability. Compatible with major electronic timing systems (including Omega RBD).



Specifications

- Movable Track Start, adjustable to 5 positions.
- Safe start handles for fast starts and safety.
- Durable, non-slip Aquadeck tread.

Code	Description	Height (mm)	Weight (kg)	Volume (m³)
DCG400D	Super Block with Track Start	400	50	0.02



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 (mm)	Weight (kg)	Volume (m³)
DCG403D	Starting Block 400 MM w/adjustable platform	400	11	0.01
DCG403D	Starting Block 700 MM w/adjustable platform	700	37	0.04

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 (mm)	Weight (kg)	Volume (m³)
DCG403B	Starting Block 400 MM w/fixed platform	400	11	0.01
DCG403B	Starting Block 700 MM w/fixed platform	700	25	0.04

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 31mm 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 Super Tensioner, Long Clamp and SS Hook, ready for installation.



Super Tensioner



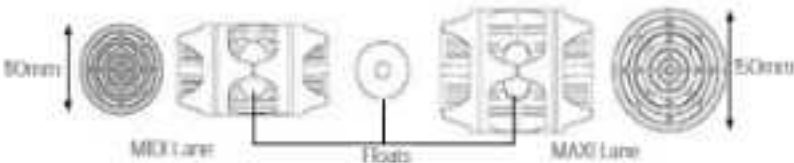
Anti Wave Racing Lanes Assembly



Long Clamp with SS Hook

Code	Description	Length
		m
0039090	Float Lane 0.5 MIDI 110 mm Competition	0.5
0039094	Float Lane 25 MIDI 110 mm Competition	25
0039095	Float Lane 50 MIDI 110 mm Competition	50
Code	Description	Length
		m
0039097	Float Lane 25 MAXI 150 mm Competition	25
0039097	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 positions.
- FINA Multicolour: available on request, customs colours available on request.



Lane Rope Standard

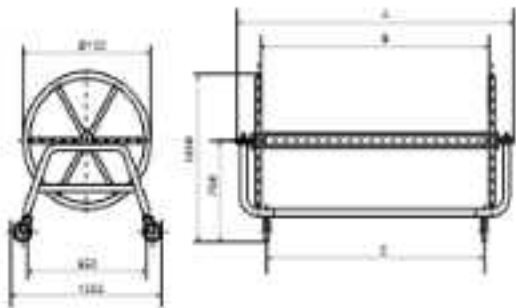
Standard model is available in 25 m, 50 m or any custom length. Lane supplied with doughnut floats dimension Ø68 mm, stainless steel cord 6 mm and a hook. Red and white colour combinations. Floats: Polyethylene free from heavy metals.



Code	Description	Length	No. of donut floats
		m	
0039098	Float Lane 0.5 M STD	0.5	2/6
0039099	Float Lane 50 M STD	50	562
0039099	Float Lane 50 M STD	50	1125

Lane Rope Roller

Storage for lane ropes. Made in stainless steel AISI 316 with 4 castor wheels for easy movement. Available in 1200 mm and 1800 mm width.



Capacity - quantity of lane ropes collected in each roller

Code	Description	A	B	C	Weight	Volume
		mm	mm	mm	kg	m³
0039091	Lane Rope Roller 1200 mm	590	1200	150	9	0.07
0039092	Lane Rope Roller 1800 mm	790	1800	150	11	0.09

Model	1200 mm		1800 mm	
	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 (mm)	Weight (kg)	Volume (m³)	Std packing
T007088	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 (kg)	Volume (m³)	Std packing
0000016	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 (kg)	Volume (m³)	Std packing
T000009	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 31 mm and max force of 5Kn. Body length including lock nut is 230 mm.



Code	Description	Length (mm)
T000034	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)
T000089	Overflow Lane Anchor	215

Lane Rope Hook

Made of Stainless Steel AISI 316.



Code	Description	Weight (kg)	Volume (m³)	Std packing
0000030	Lane Rope Hook	2	0.000	25

Lane Rope Ratchet

Made of Stainless Steel AISI 316.



Code	Description	Weight (kg)	Volume (m³)	Std packing
T000090	Lane Rope Ratchet	0.8	0.000	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			
EO04090	False Start Indicator Width 12.5m	49	1
EO04087	False Start Indicator Width 25m	77	1

Note: Anchoring Sockets EO00005 / EO00008 or EO00007 / EO00009 to be ordered separately 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.

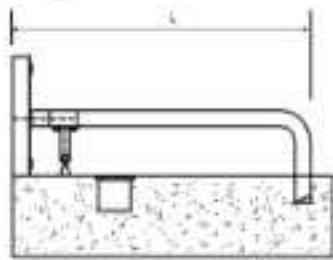


Code	Description	Weight	Std Packing
kg			
EO04095	Backstroke Turn Indicator 4 Post W 12.5m	11.9	1
EO04098	Backstroke Turn Indicator 4 Post W 25m	22.7	1

Note: Anchoring Sockets EO00005 / EO00008 or EO00007 / EO00009 to be ordered separately for the posts.

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			
EO04006	Support for Turning Panel AISI 316	5.5	1

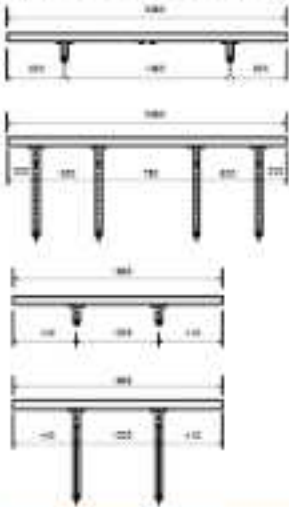
Anchoring Socket - Angled

Angled anchoring socket in S.S. AISI 316. For Ø43 mm and Ø48 mm post.

Code	Description	Weight	Std Packing
kg			
EO00008	Anchoring Socket Angled 43mm	1.6	2
EO00009	Anchoring Socket Angled 48mm	1.75	2

Turning Panels

Stainless steel AISI 316 turning panel with ABS lattice. Height 300 mm. No support included.



Code	Description	Weight	Std Packing
kg			
EO04008	Turning Panel Width 2m	14.2	1
EO04009	Turning Panel Width 2.5m	17.1	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			
EO00005	Anchoring Socket Flat 43mm	1.7	2
EO00007	Anchoring Socket Flat 48mm	1.81	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 Wave Movable Bulkhead installed Brisbane Valley 1985 and still in service today



FINA World Cup Singapore 2012



Motorised Bulkhead





WELLNESS



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.



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.



reddot design award

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	cm	cm		kg	mm	mm	mm	
Sensor Sport 3W	G203000	22-45	3-4	30	800	Bathin	93-7	480	340	284	Wall mounted
Sensor Sport Combi 4	G203000	45	2-4	30	800	Bathin	93-7	480	340	284	Wall mounted
Sensor Sport 6	G000030	66	4-8	80	800	Bathin	9-20	559	431	325	Wall mounted or floor standing*
Sensor Sport 8	G000027	8	6-12	80	800	Bathin	9-20	559	431	325	Wall mounted or floor standing*
Sensor Pure 6	G000038	66	4-8	80	800	Pure included	9-20	559	431	325	Wall mounted or floor standing*
Sensor Pure 8	G000033	8	6-12	80	800	Pure included	9-20	559	431	325	Wall mounted or floor standing*
Sensor Pure 10	G000032	105	10-18	80	800	Pure included	9-20	559	431	325	Wall mounted or floor standing*
Sensor Elite 6	G000034	66	4-8	80	800	Elite included	9-20	559	431	325	Wall mounted or floor standing*
Sensor Elite 8	G000035	8	6-12	80	800	Elite included	9-20	559	431	325	Wall mounted or floor standing*
Sensor Elite 10	G000032	105	10-18	80	800	Elite included	9-20	559	431	325	Wall mounted or floor standing*
Sensor Combi Pure 6	G000030	66	4-8	80	800	Pure included	25-30	559	431	325	Wall mounted or floor standing*
Sensor Combi Pure 8	G000030	8	6-12	80	800	Pure included	25-30	559	431	325	Wall mounted or floor standing*
Sensor Combi Pure 10	G000036	105	10-18	80	800	Pure included	25-30	559	431	325	Wall mounted or floor standing*
Sensor Combi Elite 6	G000036	66	4-8	80	800	Elite included	25-30	559	431	325	Wall mounted or floor standing*
Sensor Combi Elite 8	G000038	8	6-12	80	800	Elite included	25-30	559	431	325	Wall mounted or floor standing*
Sensor Combi Elite 10	G000034	105	10-18	80	800	Elite included	25-30	559	431	325	Wall mounted or floor standing*
Expression 10 Black	G000000	10	10-18	300	800	Pure or Elite with relay box Commercial Lite	29-17	700	500	300	Floor standing*
Expression 10 Champagne	G000001	10	10-18	300	800	Pure or Elite with relay box Commercial Lite	29-17	700	500	300	Floor standing*
Expression 10 Copper	G000006	10	10-18	300	800	Pure or Elite with relay box Commercial Lite	29-17	700	500	300	Floor standing*
Expression 10 Black Thermocouple	G000000	10	10-18	300	800	Pure or Elite with relay box Commercial Lite	29-17	700	500	300	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	cm	cm		kg	mm	mm	mm	
Sensor Commercial 6	G000025	66	4-8	80	800	Pure or Elite with relay box Commercial Lite	16-20	559	431	325	Wall mounted or floor standing*
Sensor Commercial 8	G000027	8	6-12	80	800	Pure or Elite with relay box Commercial Lite	16.5-20	559	431	325	Wall mounted or floor standing*
Sensor Commercial 10	G000030	107	10-18	80	800	Pure or Elite with relay box Commercial Lite	17-25	650	650	400	Wall mounted
Sensor Commercial 16 3x400V	G000037	16	16-26	80	200	Pure or Elite with relay box Commercial Lite	17-25	650	650	400	Wall mounted
Sensor Commercial 20 3x400V	G000034	20	22-43	80	200	Pure or Elite with relay box Commercial Lite	17-25	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 built-in 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 SU heater comes with built-in thermostat and a timer 9+3 hrs.

Code	Power	Sauna size	Dimensions (mm)			Stones	Mounting	Safety distances (mm)				
	kW	m²	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: CU 2 PS10 (phase) or CU 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 SUJ 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	m²	W	H	D	kg		Side	Front	Behind	Ceiling	Floor
FONDA DET 6.5	6.5	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 (mm)			Stones	Mounting	Safety distances (mm)				
	kW	m²	W	H	D	kg		Side	Front	Behind	Ceiling	Floor
JUNIOR	3.0	2-4	250	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.

Eucalyptus: 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



Concentrated Fragrances

For earlier models of Tylo Sauna Fresh and Stream Fresh. 250 ml/bottle.

Eucalyptus: code 9002 4060

Peppermint: code 9002 4064

Lavender: 9002 4062

Citrus: 9002 4066



Essential Oils

Concentrate of natural fragrances specially produced for our Tylo Fresh fragrance dispenser for saunas and steam baths. 250 ml/bottle.

Eucalyptus: Code: 9002 4040

Peppermint: Code: 9002 4044

Lavender: Code: 9002 4042

Citrus: Code: 9002 4046



Tylo Sauna Stones

Natural stones of black diabase that tolerate rapid heating and cooling.

Tylo Sauna stones 20 Kg small size for wall heaters. Code: 9014 1000

Tylo 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 choose 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 9060



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.

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



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 Työ LED downlights. IP class 21. Code: 9090 1024



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



RGB Lighting

Ready-made package containing LED strip RGB 2 x 1.91 m, transformer and remote control. Code: 9001 1360

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Sauna Accessories

TyloHelo Sauna Accessories



Sauna LED Lighting

Includes lighting strips and transformer. Can be installed either inside or outside the sauna (not in the ceiling). Warm-white glow. Voltage 12 V. IP 54. Transformer LED 12 V DC 20 W.

LED Length 1 x 500 mm. 2,4 Watt. Code: 90011440

LED Length 2 x 500 mm. 4,8 Watt. Code: 90011442

LED Length 3 x 500 mm. 7,2 Watt. Code: 90011444

LED Length 4 x 500 mm. 9,6 Watt. Code: 90011446

LED Length 5 x 500 mm. 12 Watt. Code: 90011448



Sauna Lamp 40W

For wall mounting. White lamp holder E14. IP 55. Max 40 W. Diameter 90 mm, height 170 mm. Code: 90011000



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 393lm ±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



LED Strip Light

Developed to allow for more subtle lighting effects. 12 V DC. Dimmable. Warm white 3000K.

LED 38CM 12V/DC 0,16w
Code: 90011350

LED 50CM 12V/DC 0,25w
Code: 90011352

LED 90CM 12V/DC 0,50w
Code: 90011354

LED 190CM 12V/DC 1,20w
Code: 90011356

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: 90011192

Lighting tube 90 Length 90 cm. 27 W output.
Code: 90011194

Lighting tube 190 Length 190 cm. 57 W output.
Code: 90011196



Opus 100 H175

Sauna lamp for wall. G9, 40W, Sauna luminaire. Mounted on ceiling. Grey base, E27, 40W, 230V IP 57. Clear glass, Ø100mm, height 175mm. Code: 90011093



LED Downlight

For ceiling installation. Warm white glow (3200-3500 K), 12 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: 90011089

1 excluding transformer Code: 90011088

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

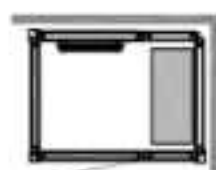


TyloHelo Panacea

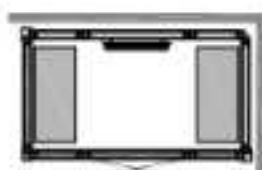
Steam Bath



PANACEA 1709
Size: 1725 x 925 x 2090 mm
Code: 9607 5026



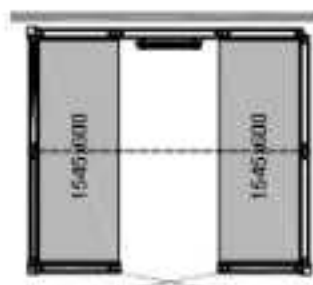
PANACEA 1309 T
Size: 1325 x 925 x 2090 mm
Code: 9607 5020



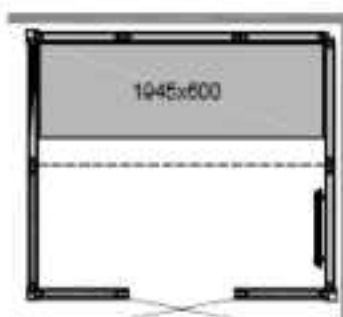
PANACEA 1709 T
Size: 1725 x 925 x 2090 mm
Code: 9607 5022



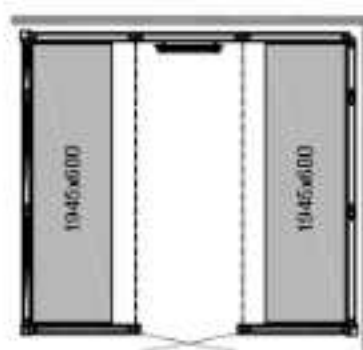
PANACEA 1717 1B
Size: 1725 x 1725 x 2090 mm
Code: 9607 5070



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

TyloHelo 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.

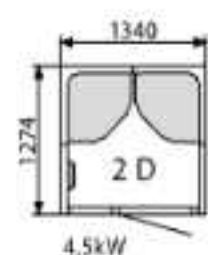
The door is made of tinted, tempered safety glass with a sturdy white lacquered frame and aluminium handles.

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.

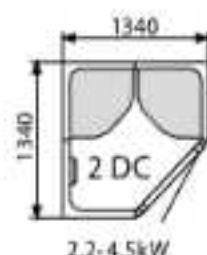


TyloHelo Elysée

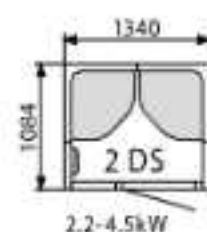
Steam Bath



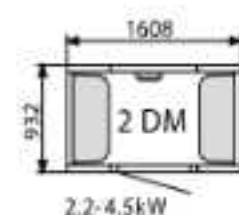
ELYSÉE 2D*
Code: 9609 1000



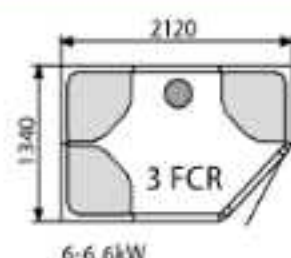
ELYSÉE 2DC*
Code: 9609 1002



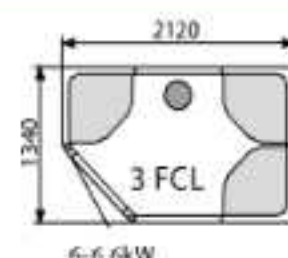
ELYSÉE 2DS*
Code: 9609 1010



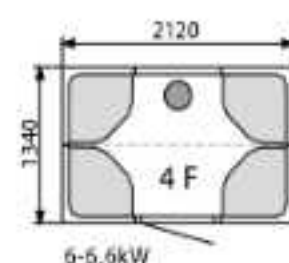
ELYSÉE 2DM*
Code: 9609 1012



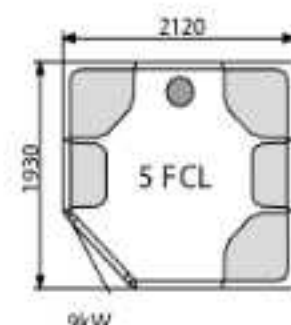
ELYSÉE 3FCR*
Code: 9609 1140



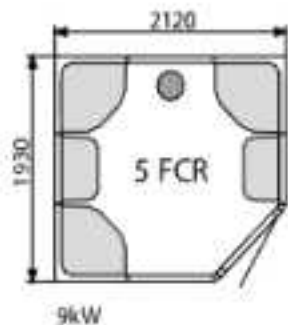
ELYSÉE 3FCL*
Code: 9609 1144



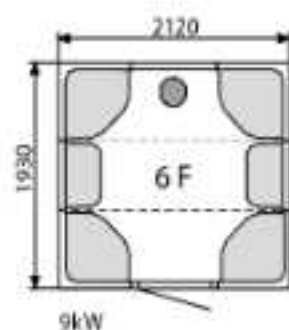
ELYSÉE 4F**
Code: 9609 1028



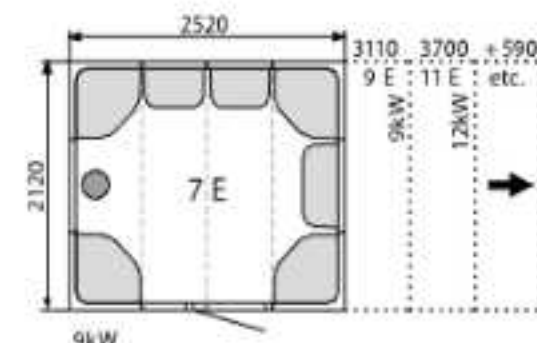
ELYSÉE 5FCL*
Code: 9609 1152



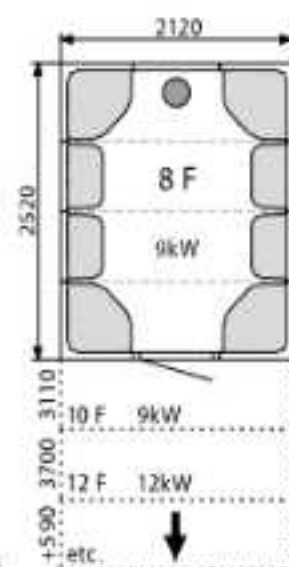
ELYSÉE 5FCR*
Code: 9609 1148



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.

TyloHelo 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 loppages.



Steam Commercial

Our Steam Commercial steam generator is equipped with a large water tank and is designed to easily connect to our MultiSteam 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 (LxWxD)	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	GG210120	3		max. 3		max. 2	15	480 x 360 x 189	Elite or Pure
		6	3-8	4-15	7-5	25-8	8		
		9	6-16	13-24	4-10	7-16	12		
Steam Commercial	GG210010	9	6-16	13-24	4-10	7-16	12	585 x 485 x 230	Elite or Pure
	GG210015	12	14-22	22-30	8-15	14-20	16		
	GG210020	15	18-25	28-38	10-19	18-25	20		
2x9	Steam Commercial	18	20-30	28-40	13-20	18-30	24		Elite or Pure
2x12		24	28-40	38-50	18-30	28-40	32		
2x15		30	36-50	56-76	32-42	42-57	40		
3x9	Steam Commercial	27	38-45	46-60	28-40	38-52	36		Elite or Pure
3x12		36	43-60	58-70	38-50	48-60	48		
3x15		45	54-75	84-114	47-63	60-75	60		

TyloHelo

Steam Generators

Helo Steam PRO

The new Helo Steam Pro generator automatically prevents overheating and dry running, should there be an interruption to the water supply. The generator saves time on maintenance and 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+2 units), Resettable high limit switch, New drain valve
- Available Add-on:
Push button for activation from Standby

Helo Steam

The Helo Steam generator for private use is based on the newest available technology. It sets a whole new level for user interface and reliability. It comes equipped with two auxiliary compartments for salt/fragrances for added comfort. It is also possible to order it with optional drain valve and automatic flush functionality.



Helo Steam Specifications

- Available sizes:
3.4 / 4.7 / 6 / 7.7 kW
- Features:
Two aux outputs for fragrance/salt
Resettable high limit switch
- Available Add-on:
Automatic flush
New drain valve

Steam Generators: Helo Steam & 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	m²						
Helo Steam 3.4	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 4.7	002101	4.7	6	636 x 380 x 164	3.7	3.8	2.5	2.6			
Helo Steam 6.0	002102	6	8	636 x 380 x 164	4.9	4.8	3.6	3.7			
Helo Steam 7.7	002103	7.7	10	636 x 380 x 164	6.1	6.5	4.8	5.2			
Helo Steam Pro 9.5	002104	9.5	13	636 x 380 x 164	9.13	9.17	6.9	7.1			
Helo Steam Pro 12	002105	12	16	636 x 380 x 164	11.8	12.24	8.7	9.16			
Helo Steam Pro 14	002106	14	19	636 x 380 x 164	14.22	14.30	10.4	11.17			
Helo Steam Pro 16	002107	16	21	636 x 380 x 164	17.25	23.25	12.15	12.81			

TyloHelo

Steam Accessories

TyloHelo Steam Accessories

Water softener Premier Compact

Code: 9090 8027

Water softening salt (3-packs)

Code: 9090 3005



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: 8500mm / H:300mm. Code: 9002 9252

Bahia Home: tempered safety glass and high-gloss plastic. Size: 8280mm / H:180mm. Code: 9002 9254



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

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



Sound system for steam room

Enhance your experience with a specially designed sound system.

Code: 9080 2010



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, 15 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
- 15m 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 393lm±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
	3815-005 Steam Room LED Light 4pcs in a set with power adaptor 12V, 500mA



Steam Room Lighting

Helo Steam Room Lights rated IP67.

Code	Description
	3815-002 Steam Room Light Light round, matt glass globe, ceramic socket. Dimension 200 X 210 X 120 mm.

Steam Room

Wall / Dome Construct

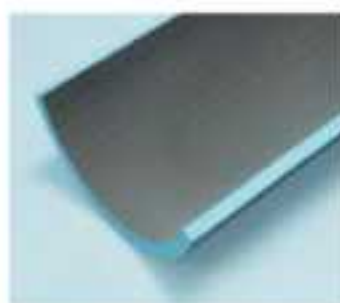
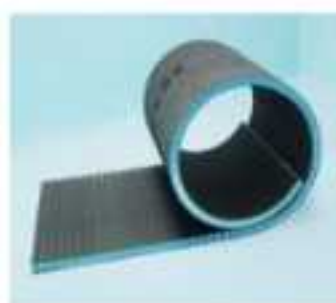
Wall-Dome Construct

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

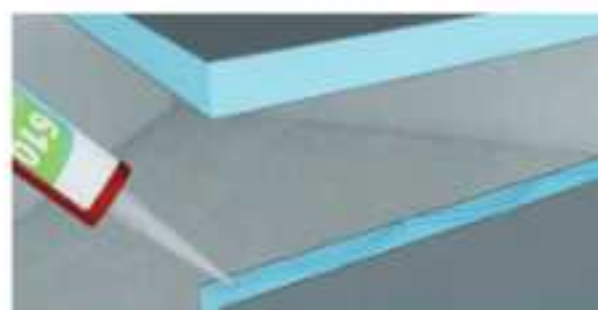
Building board construct, lengthwise, calculation of diameter

Thickness	External diameter
mm	mm
30	538

Adhesive Sealant

Assembly materials for building boards.

Code	Description	Content
		ml
SEAL 380	Adhesive Sealant for Wedi Construct	380 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 TyloHelo 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 TyloHelo'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 WxdxD	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 WiFiApp 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. Dn/2M 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 atmosphere: humidity in the sauna room. Compatible with Tylo's older heater Sense Combi	Sauna	Expression Combi - included	Yes, relay box RB45 - included	No	
	OT 2 PLE	012PLE	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 Laina OT 22 PS 3: Helo SKLA / Helo Magna	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 stimulate the production of white blood cells, aiding the immune system in its response to virus and bacteria. Regular sauna bathing dramatically lowers the risk of catching common colds, even those caused by viruses.

6.

Stress less and relax more

Finding stress relief and ways to relax is fundamental to our health. Infrared sauna promotes relaxation and balances the body's levels of cortisol. Cortisol is a stress hormone, and excessive amounts of it can result in many different health issues such as a weaker immune system, weight problems and insomnia. The heat also raises 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 Tylo 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 845 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
ATC2124	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



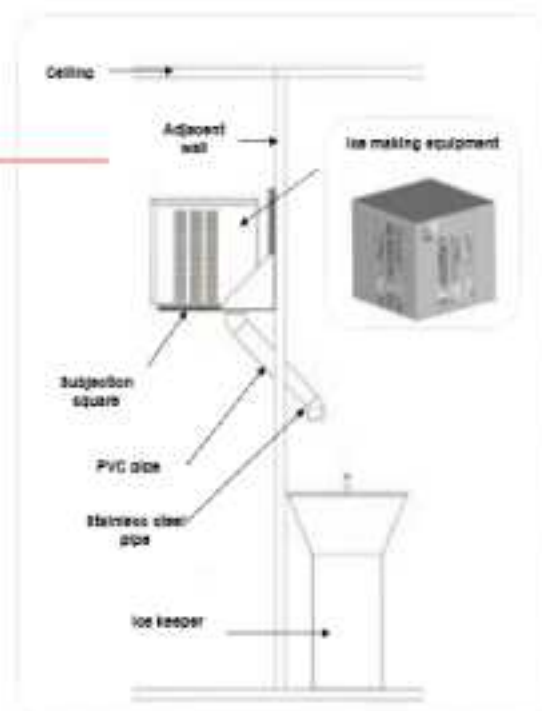
Ice Keeper



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 microderruns 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	Alecpool Articulated Arm Bithermal Vichy shower w/ Sprinklers in SS, 5 valves, 5-sprinklers w/ Three types of Shower: Rain, Massage and Mist.
ATV20227	Alecpool 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 Bretagne	Spa Bora Bora	Spa Lannarolo	Spa Ibiza	Spa Mallorca
						
General Information						
Size (mm)	2900x2000x980	2000x2000x960	3400x2400x980	2400x2400x1000	2800x1900x980	3400x2590x1000/1000
Water capacity (gal)	390	280	352	390	330	800
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/50-60Hz
Shell	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
Composition						
Hot Tub	1	1	1	1	1	1
Headrest	4 (optional)	3 (optional)	5	4	3	2
Steel frame	1	1	1	1	1	1
Water Flow Equipment	1	1	-	-	-	-
Waterfall	-	-	1	1	-	-
LED Air Jets	12	0	-	-	0	-
Air Jets	-	-	10	10	-	-
Water jets	77	80	80	140	46	50
Fountain jets	-	-	2	2	-	-
Swirl jet	-	-	-	-	-	-
Shoulder Massage jets	-	-	-	2	-	-
Hydro Therapy jets	3	20	30	17	-	10
LED Lights	-	-	1	1	-	1
Fiber Optic Lights	40	34	30	36	29	36
Fountain valves	-	-	1	1	-	-
Water Flow Valves	1	1	-	-	-	-
Waterfall Valves	-	-	1	1	-	-
Shoulder Massage Valves	-	-	-	1	-	-
Drain valves	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 Slap	•	•	•	•	•	-
Aromatherapy	•	•	•	•	•	-
View Pump	-	-	-	-	-	-
Hydro Massage Pump	2 x 30HP / 1x 20HP	1x 30HP / 2x 20HP	2x 20HP	1x 30HP / 2x 20HP	1x 30HP / 1x 20HP	1x 30HP
Circulation Pump	1x 10HP	1x 10HP	1x 10HP	1x 10HP	1x 025HP	1x 10HP
Swirl Pump	-	-	-	-	-	-
Fountain Pump	-	-	1x 025HP	1x 025HP	-	1x 025HP
Air Blower	1x 07 kW	1x 07 kW	1x 07 kW	1x 07 kW	1x 07 kW	1x 07 kW
Disinfectant	1	1	1	1	1	1
Heater	1x 30 kW	1x 30 kW	1x 30 kW	1x 30 kW	1x 30 kW	1x 30 kW
Cartridge Filter	1	1	-	-	1	2
Pressure Filter	1	1	-	-	1	-
Skimmer	-	-	2	2	-	2
Controller	1	1	1	1	1	1
Optional						
Bluetooth Control System	•	•	•	•	•	•
Swirl Jetter	-	-	-	-	-	-
Aquatic Rowing System	-	-	-	-	-	-
Aquatic Fitness Ropes	-	-	-	-	-	-
Hot + Steel Package	•	•	•	•	-	•
TV Television	• Inward	• Inward	Included (OT, Inward)	• Inward, Outward (Pole)	• Out	• Inward, Outward (Pole)
Tropical Music	-	•	Included (if not)	•	•	•
NOI	•	•	Included	•	•	•
Tub Tray	•	•	Included	•	•	•
Water Crown	•	•	•	•	•	•
PVC Cabinet	•	•	•	•	-	•

Wellness

Portable Spas

Above Ground Spas with cabinet - Comparison

Code	Spa Escabe	Spa Cheopetra	Spa Elegance	Spa Hermit	Spa Fairy	Spa Grace
						

General Information						
Size (mm)	250x900x800	2300x2300x630	2300x2300x630	2600x2300x630	250x900x630	23260x900
Seating capacity	6 adults	5 adults + 2 children	6 adults + 1 baby	8 adults + 2 children	5 adults	7 adults
Water volume (liters)	940	280	280	285	807	160
Gross weight (kg)	300	45	45	48	330	35
Net weight (kg)	300	45	45	50	330	35
Water massage jets (total)	35	35	35	100	45	77
Air jets	12	12	12	12	12	12
Side suction	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs	2 pcs
Generators	1 set	1 set	1 set	1 set	1 set	1 set
Water massage pump	2x21hp	2x21hp	2x21hp	2x21hp	1x21hp / 1x11hp	2x21hp
Circulation pump	1x051hp	1x051hp	1x051hp	1x051hp	1x051hp	1x051hp
Blower system	yes	yes	yes	yes	yes	yes
Heater system	3000W	3000W	3000W	3000W	3000W	3000W
Circulation system	450w/h	450w/h	450w/h	450w/h	450w/h	450w/h
Freezer protection	yes	yes	yes	yes	yes	yes
Frost protection	yes	yes	yes	yes	yes	yes
Perkissure 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 display	3 pcs	8 pcs	-	3 pcs	-	-
Bottom panel	yes	yes	yes	yes	yes	yes
Insulation foam	A class PU foam	A class PU foam	A class PU foam	A class PU foam	A class PU foam	A class PU foam
Multi-color LED under water light	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc
Multi-color LED light to the sky	4 panel	1 pc	1 pc	-	4 panel	1 pc
Weatherable luminescence multi-color LED light system	•	•	•	•	-	•
Luminescence multi-color LED lighting system	•	•	•	•	•	•

Note: Items with "*" are optional, need to order separately.



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

Multicolor 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

Multicolor 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: 7870W
220 - 240V / 50 - 60Hz
Water Jets + Air Jets = 76 + 12*
Perfect core-therapy control center
Multicolor LED Waterfall
Heavy Duty SPA Cover



Spa Nereld

Specifications

Size: 2800 X 2300 X 930mm
Capacity (seats): 8 adults + 3 children
Heater system: 7870W
220 - 240V / 50 - 60Hz
Water Jets + Air Jets = 106 + 10*
Perfect core-therapy control center
Multicolor 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

Multicolor 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

Multicolor 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 aird 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 expression of wellness; our professional spa offers premium cabinets of your choice. Selection of Spa Covers and Composite Panel for cabinet available with our Royal Collection.



Portable Spa Colours



white



gypsum



azure



oyster



graphite

Spa Cover Colours



be-16



sa-2



n-7



br-2



cz

Spa Composite Panel Colours



blanc creme
ral 9001



gris basalte
ral 7012



bleu violet
ral 5000



brun chocolat
ral 8017



noir profond
ral 9005

Wellness

Portable Spas

Portable Spas - Comparison

Code	SFA Sensura	SFA Rose	SFA Jewel	SFA Monarch
				
General Information	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment
Size (mm)	Ø780x880	Ø1400x1000	2300x1900x980	3000x2400x1000
Water capacity (gall)	175	252	176	405
Colour	White	White	White	White
Capacity (person)	8	6	2	14
Power supply	220-240V50-60Hz	220-240V50-60Hz	220-240V50-60Hz	220-240V50-60
Shell	Acrylic	Acrylic	Acrylic	Acrylic
Composition				
Bath Tub	1	1	1	1
Shell	1	1	1	3
Air Jets	12	0	0	1
Massage Jets	9	-	2	-
Hydro Therapy Jets	-	26	-	1
SPK Lights	1	1	1	-
LED Optic Lights	-	14	-	0
Water Pipe	1	-	1	22
Drainage	1	1	1	2
Return	2	-	2	-
Transformer	1	-	1	-
Intake valves	-	2	-	18
Drainage Grids	-	1	-	2
Insulation	(Optional)	1	(Optional)	21
Hydro Massage Pump	-	2 x 20HP	-	3 x 30HP
Circulation Pump	-	1 x 10HP	-	1 x 10HP
Whirlpool Pump	2 x 15HP	-	2 x 15HP	-
Supply Pump	-	1 x 025HP	-	1 x 025HP
Air Blower	1 x 02kW	1 x 02kW	1 x 02kW	2 x 02kW
Compressor	1	2	1	2
Heater	1 x 30kW	1 x 30kW	1 x 30kW	1 x 30kW
Cartridge Filter	1	1	1	1
Supply System	-	1	-	1
Water Tank	-	1	-	2
Controller	1	1 Remote	1 Remote (Optional)	1 Remote
Optional				
55" Television	• (Pool)	-	-	-
Heavy Duty Spa Cover	-	•	•	•
Spa	-	•	-	•
Subwoofer	-	-	-	•
Tub Tray	-	•	-	•
Water Cover	•	•	-	•
PVC Skirt	-	•	•	•
PVC Step	-	•	•	•
Wooden Step	•	-	-	-
Wooden Skirt	•	-	-	-
Other Shell Colour	-	•	•	-
HD 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: 3800 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 150 cm, 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 15 x 20 m, i.e. 3 m² (if the equalising tank is to be installed in the machinery room, the room area should be increased minimum by 35 m²)
- 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 25 m, that is 75 m² (in case of assembling the balance tank in the machine room, the room size should be increased minimum by 35 m²)

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/m ² & 200W/m ²
Cable Spacing:	80mm (150W/m ²) & 60mm (200W/m ²)
Cable Diameter:	36mm
Conductor Insulation:	Fluoropolymer
Outer Insulation:	PVC
Max. Ambient Temp:	135°F (50°C)
Min. Installation Temp:	40°F (5°C)
Cold Lead:	2 wire plus ground braid, 25m 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)
WMT5001	220 / 230	86x86x44	2	9 (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	10	0.5x2	150	0.7	352.7
WM225-1	15	0.5x3	225	1.0	235.1
WM300-2	20	0.5x4	300	1.3	176.3
WM375-2	25	0.5x5	375	1.6	141.1
WM450-3	30	0.5x6	450	2.0	117.6
WM525-3	35	0.5x7	525	2.3	100.8
WM600-4	40	0.5x8	600	2.6	88.2
WM675-4	45	0.5x8	675	2.9	78.4
WM750-5	50	0.5x10	750	3.3	70.5
WM900-6	60	0.5x12	900	3.9	58.8
WM1050-7	70	0.5x14	1050	4.6	50.4
WM1200-8	80	0.5x16	1200	5.2	44.1
WM1350-9	90	0.5x18	1350	5.9	39.2
WM1500-10	10	0.5x20	1500	6.5	35.3
WM1800-12	12	0.5x24	1800	7.8	29.4

Code	Heated Area	Mat Dimensions	Power (200W/m²)	Amps	Resistance
	(m²)	(mtr x mtr)	(W)	(A)	Ω
WM200-1	10	0.5x2	200	0.9	264.5
WM300-1	15	0.5x3	300	1.3	176.3
WM400-2	20	0.5x4	400	1.7	132.3
WM500-2	25	0.5x5	500	2.2	105.8
WM600-3	30	0.5x6	600	2.6	88.2
WM700-3	35	0.5x7	700	3.0	75.6
WM800-4	40	0.5x8	800	3.5	66.1
WM900-4	45	0.5x8	900	3.9	58.8
WM1000-5	50	0.5x10	1000	4.3	52.9
WM1200-6	60	0.5x12	1200	5.2	44.1
WM1400-7	70	0.5x14	1400	6.1	37.8
WM1600-8	80	0.5x16	1600	7.0	33.1
WM1800-9	90	0.5x18	1800	7.8	29.4
WM2000-10	10	0.5x20	2000	8.7	26.5
WM2400-12	12	0.5x24	2400	10.4	22.0

Wellness

Stainless Steel Relaxation

Air Bed Massage AISI 316

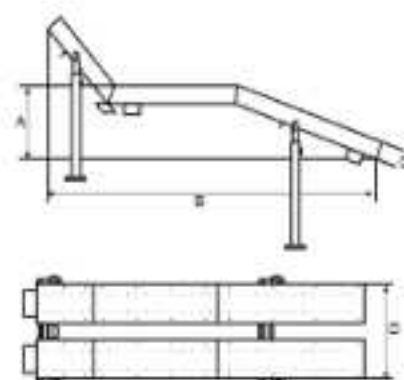
Made of Stainless Steel AISI 316. Ergonomically designed massage accessory with air jets in the back, lumbar and leg regions. The bed is comprised of stainless steel casing with air holes situated in the key massage areas. The range includes both a single and double model.



Specifications

- 140 orifices: Ø2.5mm
- 2 intakes on the base
- PVC installation base support (not included)
- Female connection: T
- Airflow: 245 m³/h
- Recommended blower: AH420 321 2.2kW

Code	Description	Dimensions				Weight
		A	B	C	D	
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 m³/hr



Specifications

- Dimensions: 1800 x 680 mm
- Water massage jets: 11
- Foot massage: yes
- Shoulder massage: yes
- Hand twist spa system: yes
- Perfect therapy control center: yes

Code	Description	Dimensions	
		Length	Width
OYBAM	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 m³/hr



Specifications

- Dimensions: 1100 x 780 mm
- Water massage jets: 17
- Foot massage: yes
- Shoulder massage: yes
- Hand twist spa system: yes
- Perfect therapy control center: yes

Code	Description	Dimensions	
		Length	Width
OYBAC	Air Chair Massage Fiberglass	1100 mm	780 mm

Wellness

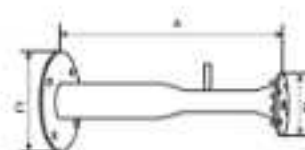
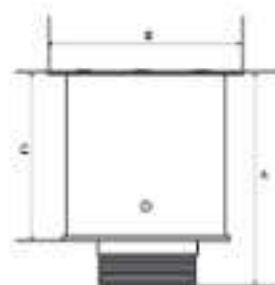
Stainless Steel Relaxation

Wall Massage Nozzles

Made of AISI 316 with 2" threaded connection, 15 orifices of Ø35mm 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	1.5
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

ATECPPOOL RAINBOW



Rainbow Fountain

ATECPPOOL 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 ATECPPOOL 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 Synchronorm Integrated Control System.

Rainbow Fountain - magical water



Rainbow Fountain





Discovering Products



NOZZLES



**INTERACTIVE
FOUNTAINS**



**FOUNTAIN
LIGHTING**



**CONTROLLABLE
PUMPS**



CONTROLS

Rainbow Fountain

Magical Water

RAINBOW



Magical Water

Creating LIFE

Rainbow Fountain

Project References



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.



Rainbow Fountain

Project References



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.



> 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

Comet Nozzles

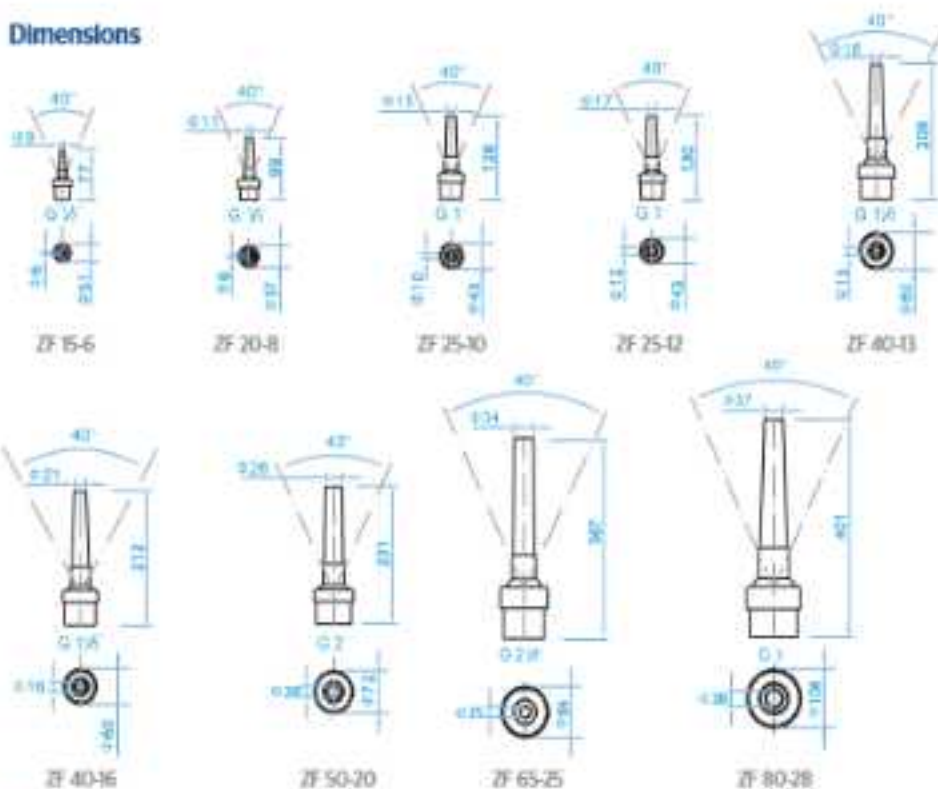


Comet Nozzles Specifications

- Stainless steel
- Clear stream jet
- Good resistance to wind
- Water level independent
- Adjustable spray angle

			SPRAY HEIGHT (m)													
Code	SSP 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	36	40	45	53	60					
		Head in mtr	0.5	0.8	1	1.5	2	2.5	3	4	5					
ZF 25-12	1"	LPM	21	26	27	28	35	58	63	75	87	95				
		Head in mtr	0.6	0.8	1	1.5	2	2.5	2.5	5	7	8.5				
ZF 40-13	1 1/2"	LPM			42	46	50	57	63	79	102	100	140	160		
		Head in mtr			1.4	1.8	2	2.5	3	4.8	7	8	19	23		
ZF 40-16	1 1/2"	LPM					80	88	96	111	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	291		
		Head in mtr							2.5	6	7.5	9.5	11.5	15		
ZF 65-25	2 1/2"	LPM							280	326	369	425	460	490	531	
		Head in mtr							4.6	6	7.5	9	11	12.5	22.5	
ZF 80-28	3"	LPM									428	475	522	611	800	880
		Head in mtr									7	8.6	12	14	17	25

Dimensions



Rainbow Fountain

Sphere Nozzles

Sphere Nozzle

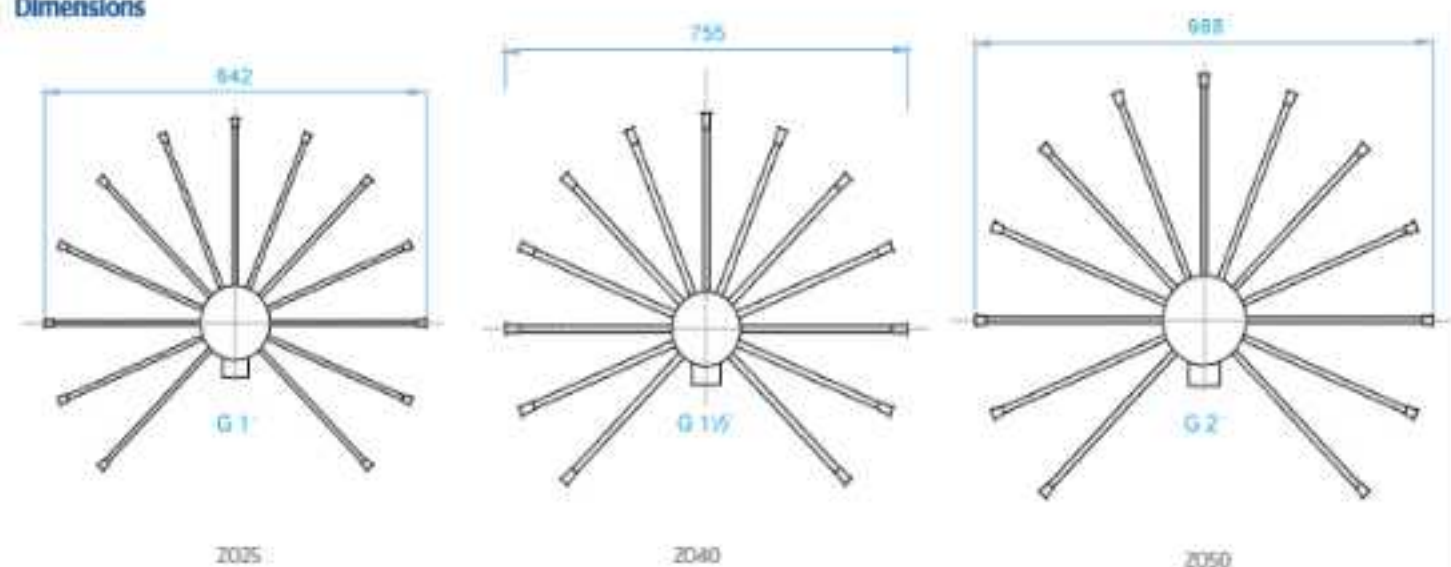


Code	BSP connection	Flow/Head	SPRAY HEIGHT (mm)
			1
Z025	1"	LPM	140
		Head in mtr	2.2
Z040	1 1/2"	LPM	300
		Head in mtr	2.2
Z050	2"	LPM	350
		Head in mtr	2.2

Sphere Nozzles Specifications

- Stainless steel / Brass plated chrome
- Impressive water display
- Decorative high-grade steel sculpture
- Water level independent

Dimensions



Rainbow Fountain

Variety Nozzles



Variety Nozzle

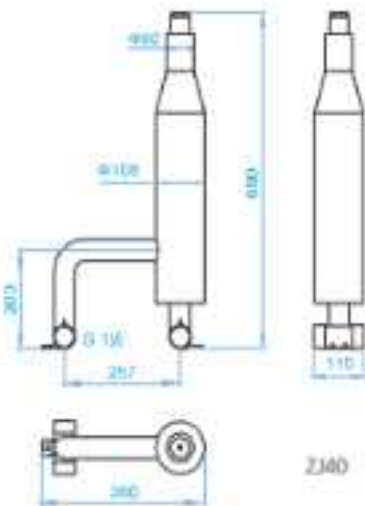


Variety Nozzles Specifications

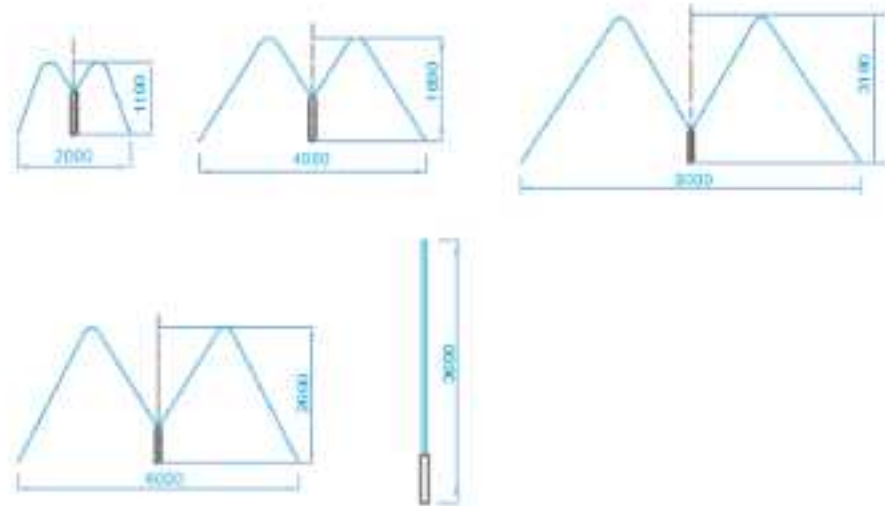
- The Variety jet creates a dynamic variable water pattern
- The nozzle is driven by two pumps controlled with VFD
- Compact robust stainless steel Nozzle
- 2 pressure connections
- Nozzle with DN40 nipple

Code	BSP connection	Spray Pattern	Flow/Head	SPRAY HEIGHT mm				
				0.5	1	2	2.5	3
ZJ40	1/2"	Water Bell	1 PM	80	123	157	200	
			Head in mtr	15	3	5.7	24	
		Single Stream	1 PM		88	170		200
			Head in mtr		4	6.5		9

Dimensions



Water Spray Effect



Rainbow Fountain Foam Nozzles

ZM-Series Foam Nozzle

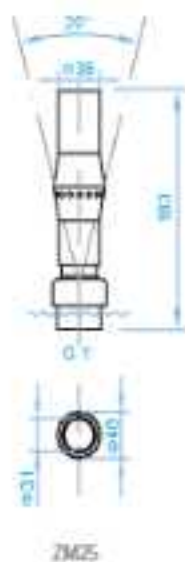
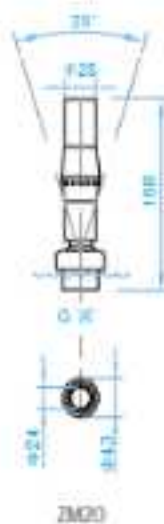


Foam Nozzles Specifications

- Stainless steel
- Foamy jet
- Good resistance to wind
- Water level dependent
- Adjustable spray angle

Code	BSP connection	Flow/lead	SPRAY HEIGHT (m)								
			0.5	0.75	1	1.50	2	3	4	5	6
ZM5	1/2"	LPM	20	28	32	40	46	58	70		
		Head in mtr	0.5	0.8	2	3.5	4.5	7	8		
ZM20	3/4"	LPM	26	35	38	48	56	69	98	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	140	170	220	270	320	330
		Head in mtr	1	2	3	5	6	11	16	21	26

Dimensions



Rainbow Fountain Foam Nozzles



ZG-Series Foam Nozzle



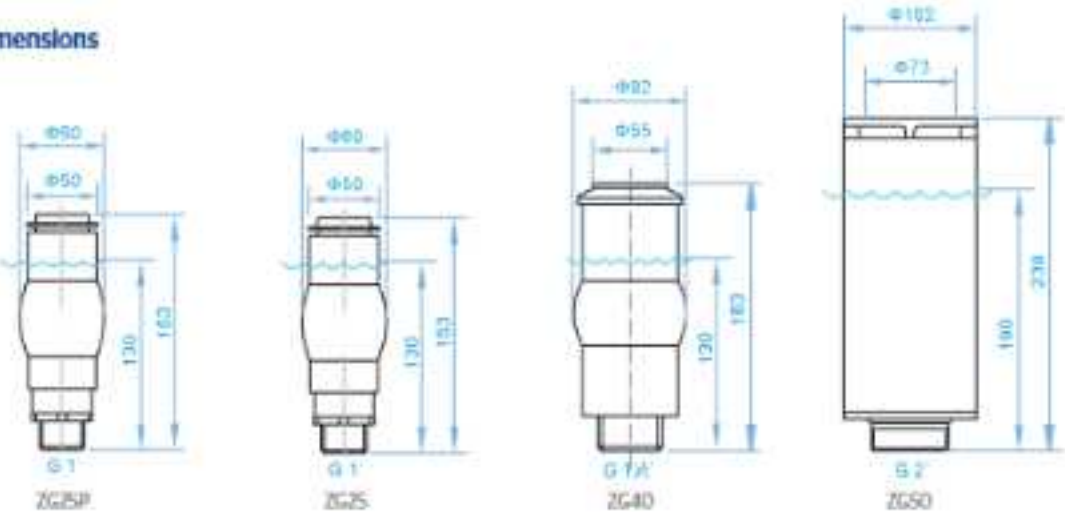
Foam Nozzles Specifications

- Stainless steel shell (ZG25P)
- Stainless steel (ZG25, ZG40, ZG50)
- Foamy jet
- Water level dependent
- Optional swivel connector



Code	BSP connection	Flow/Head	SPRAY HEIGHT (mm)								
			0.5	0.75	1	1.50	2	2.5	3	4	5
ZG25P	F	LPM	46	60	75	90	100	110	120	130	145
		Head in mtr	0.5	1	1.1	2.8	5	6	7	9	14
ZG25	F	LPM	46	60	75	90	100	110	120	130	145
		Head in mtr	0.5	1	1.1	2.8	5	6	7	9	14
ZG40	1/2"	LPM	100	144	171	215	256	300	340	398	461
		Head in mtr	1	1.4	1.9	2.6	3.8	4.9	6	7.5	9.5
ZG50	3/4"	LPM			300	390	460	585	588	76	7.5
		Head in mtr			15	18	21	32	45	6	9

Dimensions



Rainbow Fountain

Foam Nozzles

ZE - Series Foam Nozzle

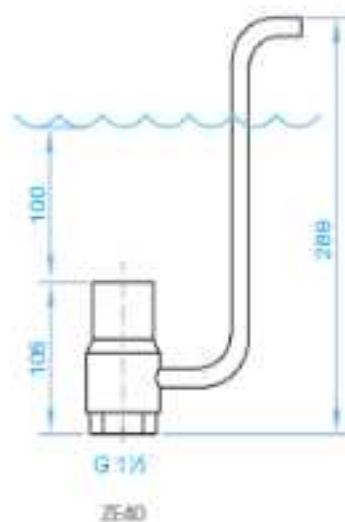
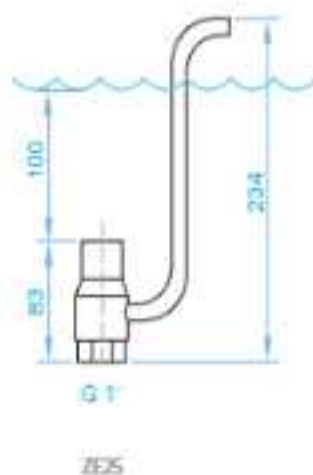


Foam Nozzles Specifications

- Stainless steel
- Aerated water at low levels with a splashy frothy column at high levels
- Water level dependent

Code	RSP. connection	Flow/Head	SPRAY HEIGHT (mm)								
			0,5	0,75	1	1,50	2	2,5	3	4	5
ZE25	1"	LPM	50	60	65	70	75	88	90	107	125
		Head in mtr	0,5	0,8	1	1,5	2	3	4	6	8
ZE40	1 1/2"	LPM	75	88	100	115	130	148	155	184	215
		Head in mtr	0,7	0,9	1,5	2	3	4	5	7	8

Dimensions



Rainbow Fountain

Stream Nozzles



Stream Nozzle



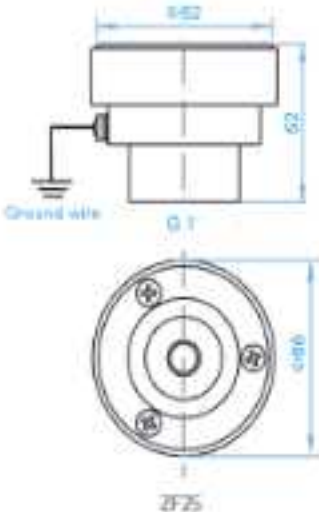
Stream Nozzles Specifications

- 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

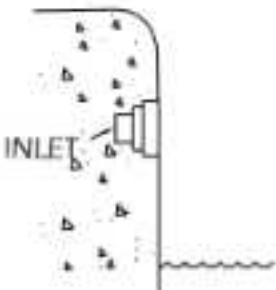
This directionally adjustable clear stream nozzle is designed for applications that require flush deck level mounting such as swimming pool decks and children's public water play areas.

		SPRAY HEIGHT (m)							
Code	BSP connection	Flow/l/min	1	1.5	2	2.50	3	4	5
ZF25	1"	LPM	15	22	26	30	34	44	60
		Head to inlet	12	2	3	3.5	4	7	8
		Throw in mtr	1		2		3		
		LPM	18		27		37		
		Head to inlet	10		3		5		

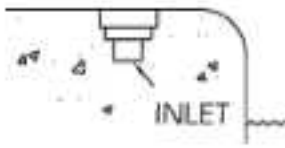
Dimensions



Mounting Options



Wall Mounted



Deck Mounted

Rainbow Fountain

Cascade Nozzles

Cascade Nozzle



ZBG Series

ZB Series

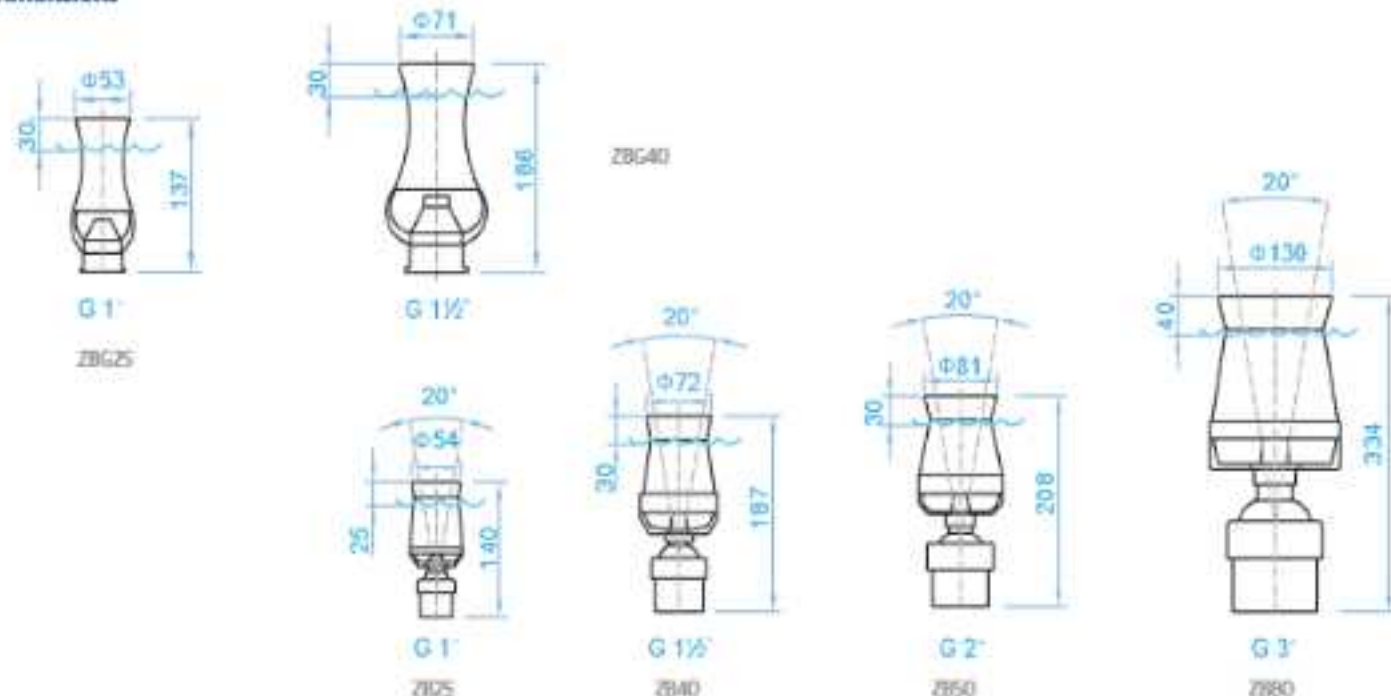


Cascade Nozzles Specifications

- Stainless steel
- Cone-shaped effect
- Foamy effect with rich mixture of air
- Water level dependent
- ZB series with adjustable spray angle

Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)													
			0.25	0.5	0.75	1	1.50	2	3	4	5	6	7	8	9	10
ZBG25	1"	LPM	35	40	50	15	65	75	80	90	110	130				
		Head in mtr	0.8	1	2	2.5	4	5.5	7	8	14	20				
ZBG40	1 1/2"	LPM	75	90	115	130	160	180	200	240	280	300	330			
		Head in mtr	1	1.5	2.5	3	4	6	9	12	18	22	25			
ZB25	1"	LPM	34	40	48	55	66	78	80	96	100	150				
		Head in mtr	0.5	1	1.5	2	4	5	7	9	11	28				
ZB40	1 1/2"	LPM	75	90	105	120	130	140	160	220	260	300	340			
		Head in mtr	1.5	2	3	4	5	6	10	15	20	25	30			
ZB50	2"	LPM	100	108	116	125	140	158	160	226	260	294	328	362		
		Head in mtr	2	2.5	2.5	4.5	5.5	7	8	15	19	23	27	31		
ZB80	2"	LPM				338	400	484	540	606	670	754	798	882	926	990
		Head in mtr				4	7	10	13	16	19	22	25	30	33	34

Dimensions



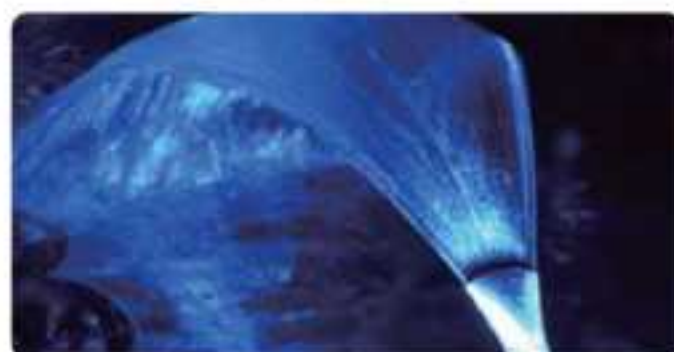
Rainbow Fountain

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

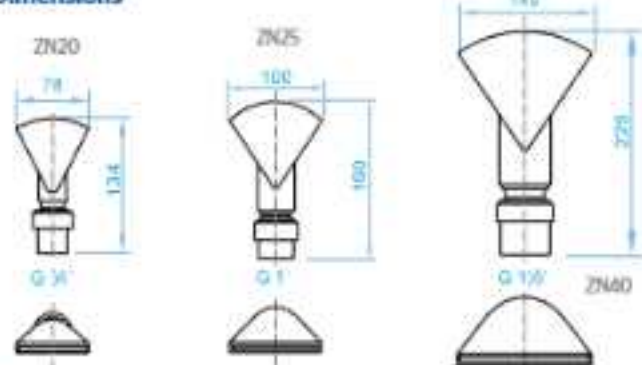
Atecpool Fan Nozzle

Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)							
			0,5	0,75	1	1,50	2	2,5	3	4
ZN20	3/4"	LPM	30	34	36	50	60			
		Head in mtr	0,5	0,8	1,2	1,7	2,4			
ZN25	1"	LPM	45	64	72	95	110	131	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	130	140	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"	SFD spray width in mtr	1	15	2	3	38	
		LPM	94	116	134	185	179	
		Head in mtr	0,5	1	1,3	1,9	2,3	
ZMG50	2"	SFD spray width in mtr	15		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



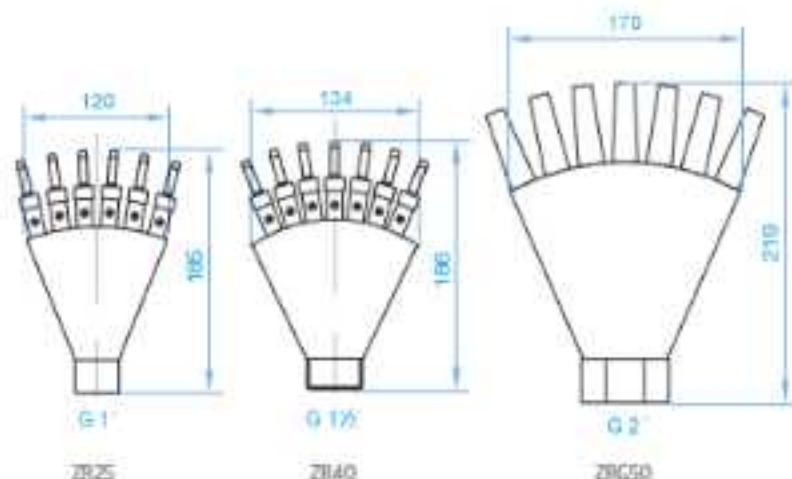
ZR Series

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

Code	BSP connection	Flow/Head	SPRAY HEIGHT (mm)					
			1	1.5	2	2.5	3	4
ZRG25	1"	LPM	20	31	40	51	62	75
		Head in Mtr	2	3.2	4.1	5.1	6.2	7.5
ZRG40	1 1/2"	LPM	30	45	60	75	90	105
		Head in Mtr	3	4.5	6	7.5	9	10.5
ZRG50	2"	LPM				100	125	150
		Head in Mtr				10	12.5	15

Dimensions



Rainbow Fountain

Water Fog Nozzles

Water Fog Nozzle

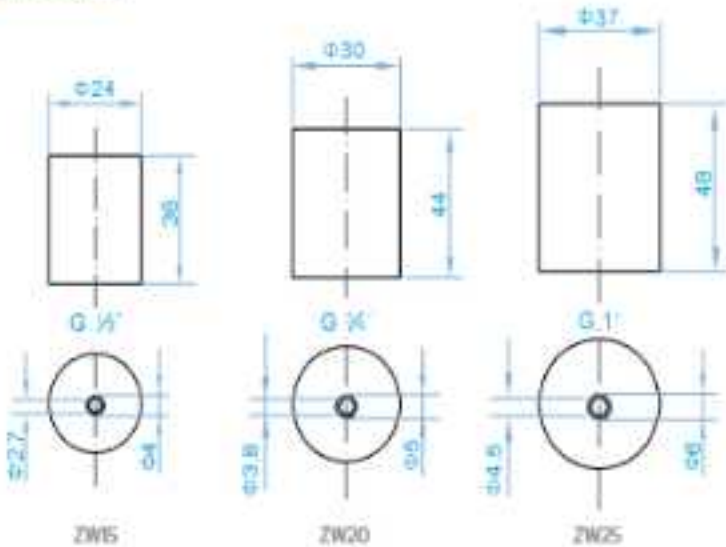


Water Fog Nozzles Specifications

- Stainless steel
- Misty romantic water display
- Water level independent

Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)				
			1	1.5	2	2.5	3
ZW15	1/2"	LPM	14	22	30		
		Head in Mtr	7	10	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	12.5	25	33	40

Dimensions



Rainbow Fountain

Water Bell Nozzles



Water Bell Nozzle

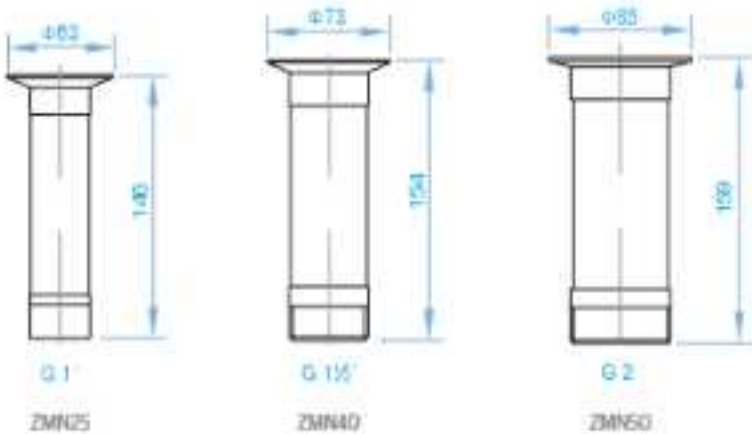


Water Bell Nozzles Specifications

- Stainless steel
- Transparent water film
- Adjustable bell diameter
- Silent running
- Water level independent

Code	RSP connection	Flow/Head	SPRAY HEIGHT mm		
			0.5	0.75	0.9
ZMN25	1"	LPM Head in Mtr	18		
ZMN40	1 1/2"	LPM Head in Mtr		25	
ZMN60	2"	LPM Head in Mtr			38

Dimensions



Rainbow Fountain

Spinning Nozzles



Spinning Nozzle

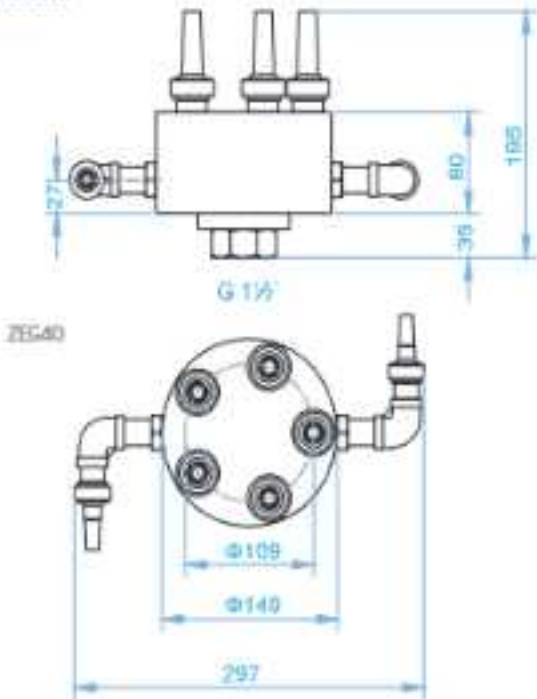


Spinning Nozzles Specifications

- Stainless steel
- Rotating water pattern
- Water level independent

Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)					
			1	1.5	2	2.5	3	4
ZEG40	1 1/2"	SPR layout width in mm	2	31	4	44	5	6
		1 PM	301	173	199	223	244	300
		Head in mtr	25	30	5	63	26	33

Dimensions



Rainbow Fountain

Cluster Nozzles

ZP - Series Cluster Nozzle

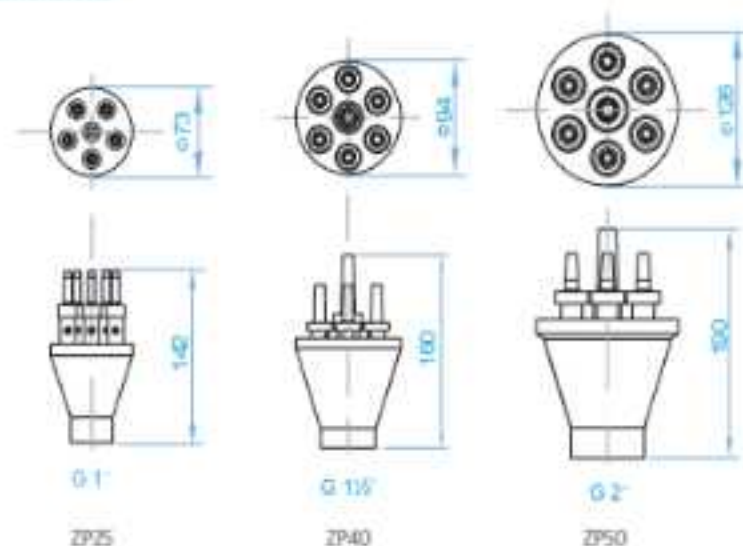


Cluster Nozzles Specifications

- Stainless steel (ZP40, ZP50)
- Stainless steel / Brass plated chrome (ZP25)
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent

Code	BSP connection	Flow/Head	SPRAY HEIGHT (mm)							
			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	0.25	0.38	1	1.1	2.4	2.8	4	7
ZP40	1 1/2"	LPM	38	45	49	68	86	112	138	200
		Head in mtr	0.25	0.38	1	1.5	2	3	4.5	6
ZP50	2"	LPM	82	101	124	152	190	270	330	500
		Head in mtr	0.25	0.38	1	1.5	2	3	4	8

Dimensions



Rainbow Fountain

Cluster Nozzles



ZPT - Series Cluster Nozzle

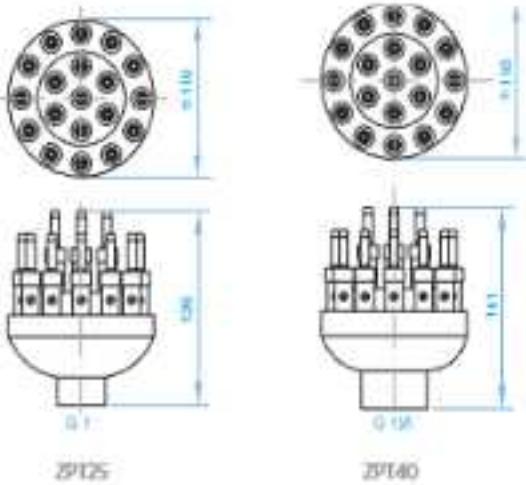


Cluster Nozzles Specifications - ZPT - Series

- Stainless steel / Brass plated chrome
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent

Code	BSP connection	FlowHead	SPRAY HEIGHT (m)					
			0.5	0.75	1	1.50	2	2.5
ZPT25	1"	LPM	50	66	68	85	100	120
		Head in Mtr	0.5	1	1.2	2	2.5	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



Rainbow Fountain

Annular Nozzles

Annular Nozzle

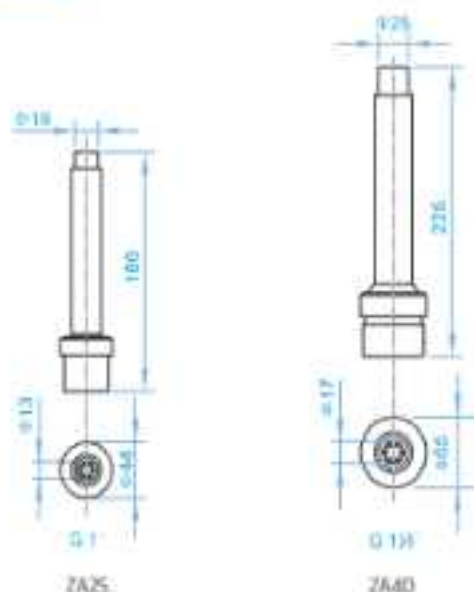


Annular Nozzles Specifications

- 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	2,5	3,3	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



Rainbow Fountain

Aerated Nozzles



Aerated Nozzle

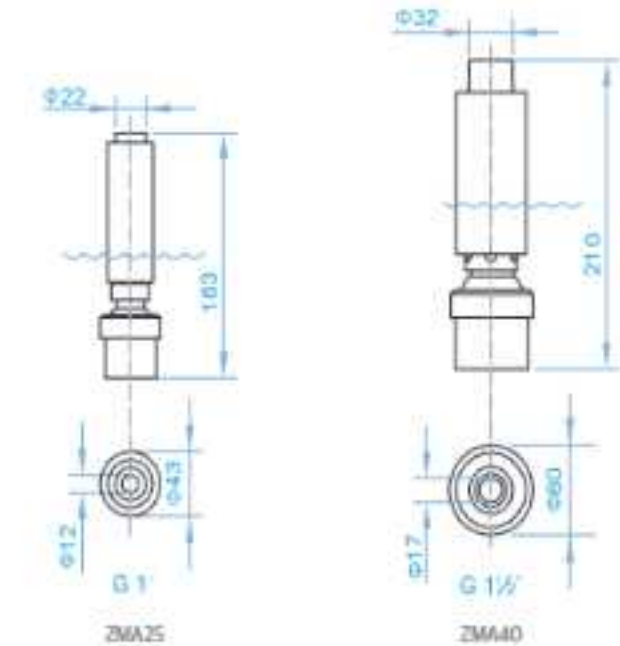


Aerated Nozzles Specifications

- Stainless steel
- Easy to clean
- Water level dependent

Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)										
			0,5	0,75	1	1,50	2	2,5	3	4	5	6	7
ZMA25	1"	LPM	20	23	26	36	40	48	53	63	71		
		Head in mtr	0,5	1	11	18	25	3	38	5	65		
ZMA40	1 1/2"	LPM	40	48	56	72	80	92	100	110	120	130	140
		Head in mtr	18	2	22	32	4	45	52	6	7	8	9

Dimensions

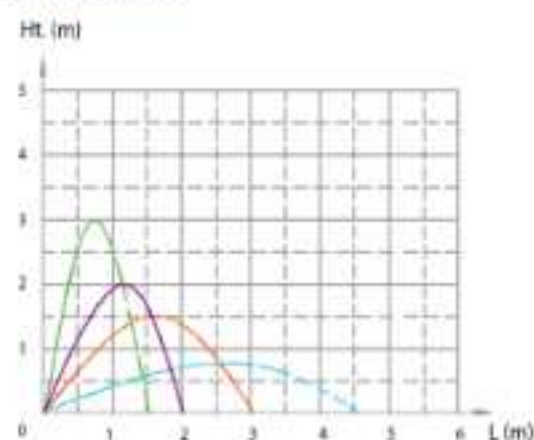


Rainbow Fountain

Z20-12 Jumping Jet



Water Parabolas



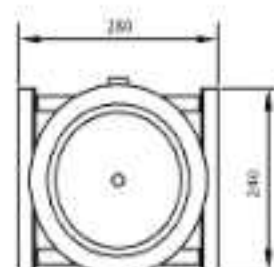
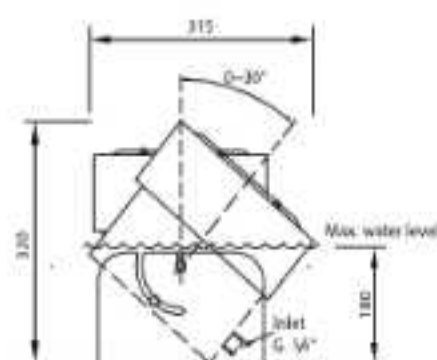
Z20-12 Jumping Jet Specifications

- 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: 21A
- 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



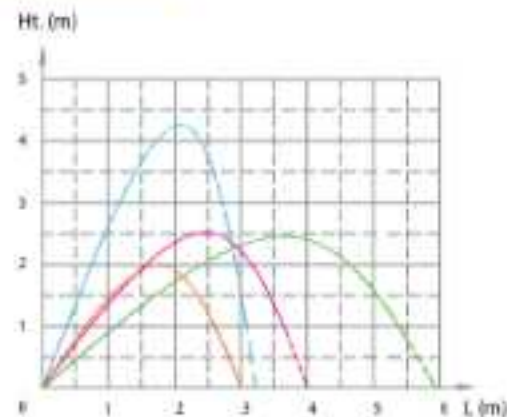
Characteristics	Z20-12
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m STW 18AWG
Vertical pivoting range	0-30°
Weight	20kg
Orifice	12 mm
Max flow rate	50 ltr/min
Material	Stainless Steel

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



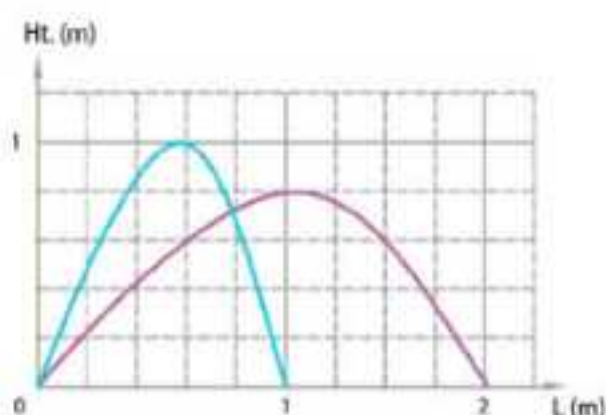
Characteristics	Z40-16
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m STW 18AWG
Vertical pivoting range	0-50°
Weight	38kg
Orifice	16 mm
Max flow rate	84 ltr/min
Material	Stainless Steel

Rainbow Fountain

Z20-8 Laminar Jet



Water Parabolas



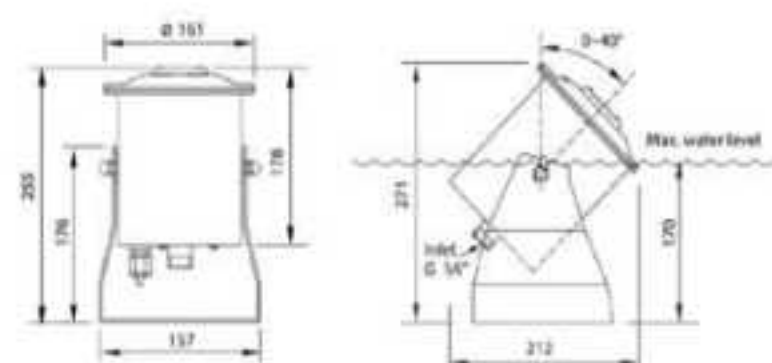
Z20-8 Laminar Jet Specifications

- 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 5TW 18AWG
- Material: stainless steel
- Weight: 6.8kg

Example of application



Dimensions



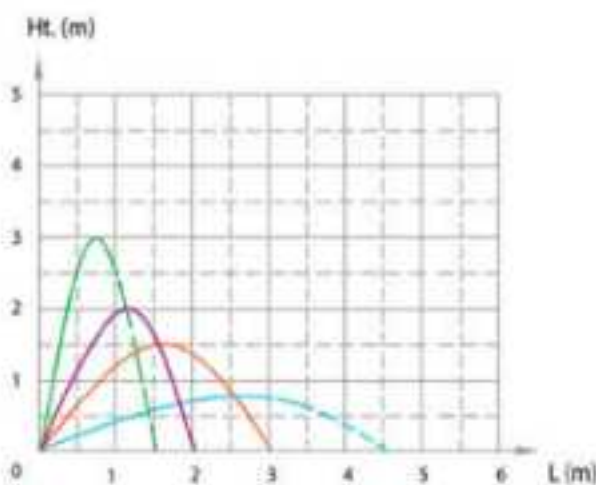
Characteristics	Z20-8
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m 5TW 18AWG
Vertical pivoting range	0-40°
Weight	6.8kg
Orifice	8 mm
Max flow rate	25 ltr/min
Material	Stainless Steel

Rainbow Fountain

Z20L-12 Laminar Jet



Water Parabolas



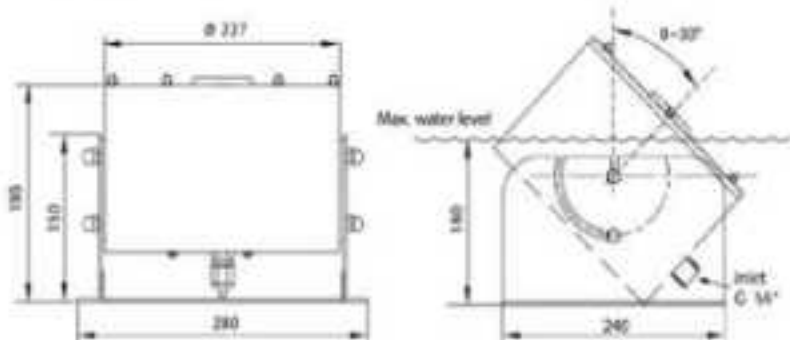
Z20L-12 Laminar Jet Specifications

- 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

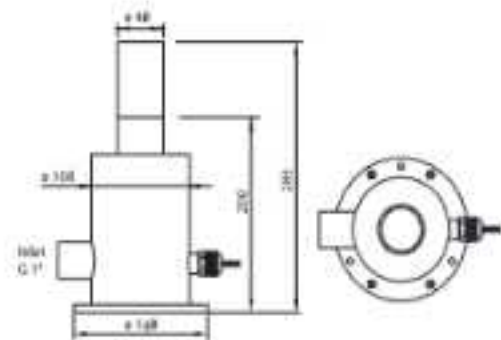
- Located 50mm under water level
- Light type: LED RGB / white light
- Rated voltage: 24 VDC
- Rated power: 3W
- Weight: 3.6kg
- Power cable for LED light 3m STW 18AWG
- Stainless steel 316 construction with Acrylic nozzle

Example of application



Code	BSP connection	Flow/Head	SPRAY HEIGHT mm				
			0.15	0.25	0.35	0.5	0.8
ZFL 35-40	1"	LPM	43	50	58	65	77
		Head in mtr	15	21	29	37	46

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



ZDJ355

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

Performance of Deck Jet (Column Nozzle)



Performance of Deck Jet (Angle Ring Nozzle)



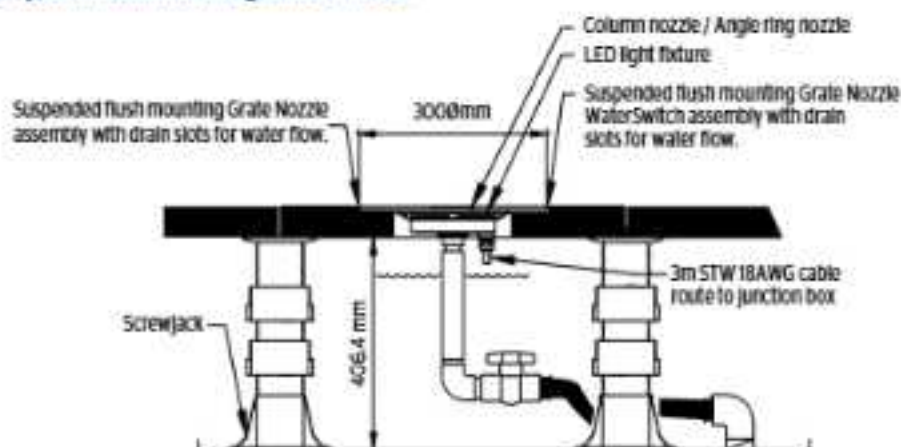
Deck Jet Column Nozzle ZDJ25C / ZDJ355

Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)							
			1	1.5	2	2.5	3	3.5	4	
ZDJ25C or ZDJ355	T	LPM	25	30	35	40	45	60	65	
		Head in mtr	15	25	3	35	5	5.5	7	

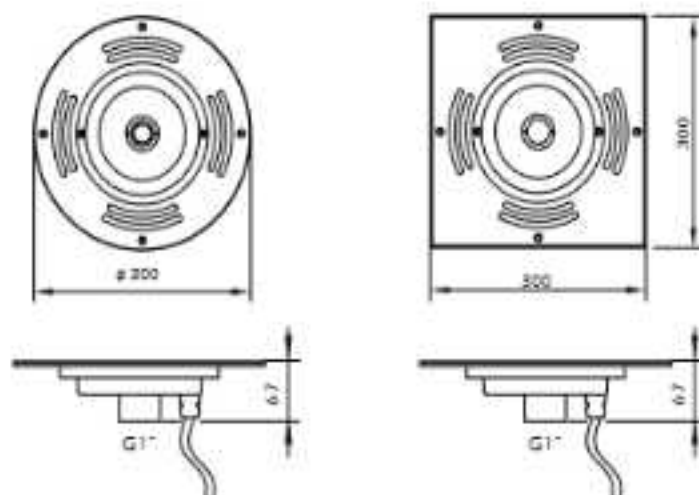
Deck Jet Angle Ring Nozzle ZDJ25C / ZDJ355

Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)					
			1	1.5	2	2.5	3	3.5
ZDJ25C or ZDJ355	T	LPM	20	25	30	35	40	45
		Head in mtr	1	1.7	2.5	3.5	4.5	5.5

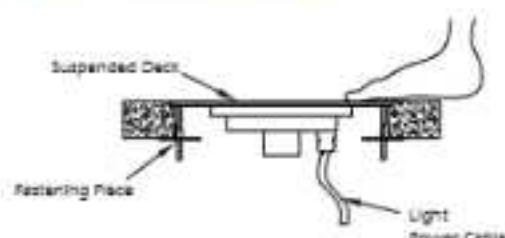
Atecpool Installation diagram: Deck Jet



Dimensions



Nozzle mounted on paver



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

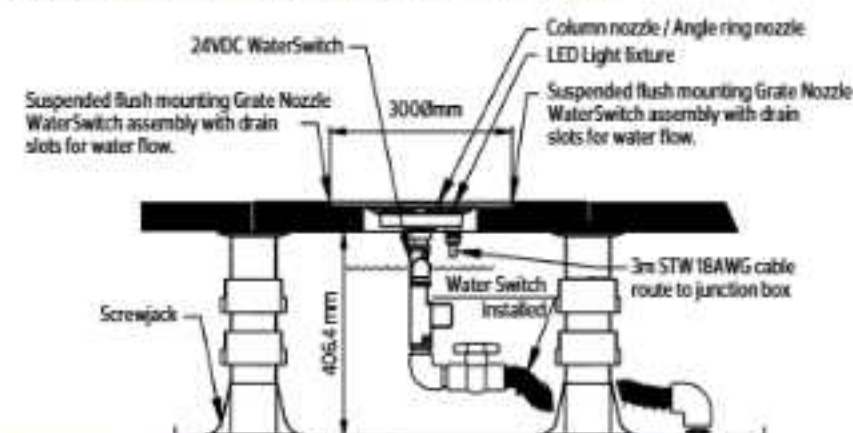
Deck Jet with WaterSwitch Column Nozzle ZDJWS25C / ZDJWS35S

Code	BSP connection	Flow/Head	SPRAY HEIGHT (mm)								
			1	1.5	2	2.5	3	3.5	4	4.5	5
ZDJWS25C or ZDJWS35S	T	LPM	33	40	46	50	56	61	69	72	76
		Head in mtr	6	10.5	11	12.5	14.5	16.5	23	25	26.5

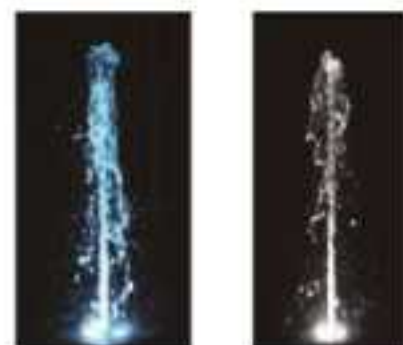
Deck Jet with WaterSwitch Angle Ring Nozzle ZDJWS25C / ZDJWS35S

Code	BSP connection	Flow/Head	SPRAY HEIGHT (mm)					
			0.5	1	1.5	2	2.5	3
ZDJWS25C or ZDJWS35S	T	LPM	25	37	50	55	63	80
		Head in mtr	4	7	12	14	16	25

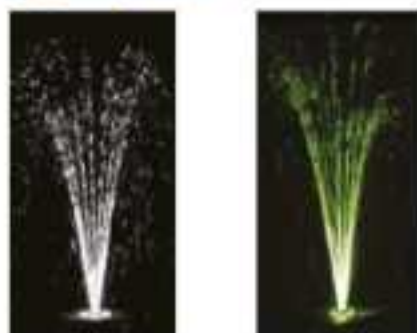
Atecpool installation diagram: Deck Jet + Water Switch



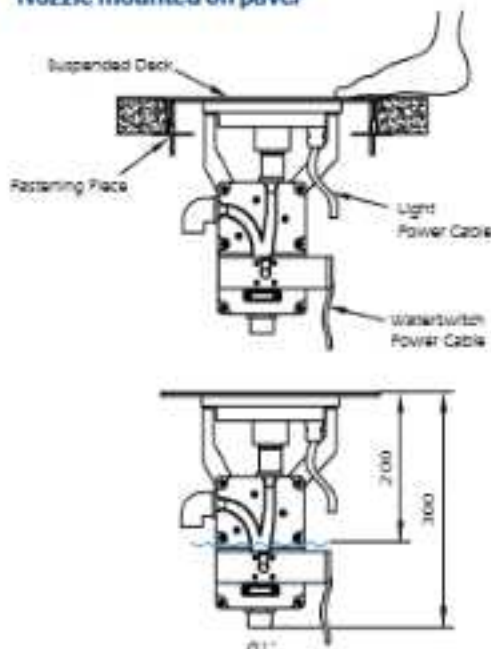
Performance of Deck Jet (Column Nozzle)



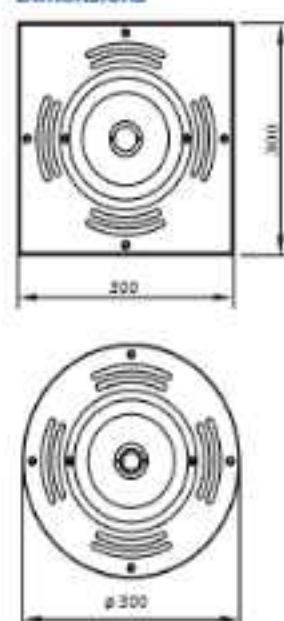
Performance of Deck Jet (Angle Ring Nozzle)



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

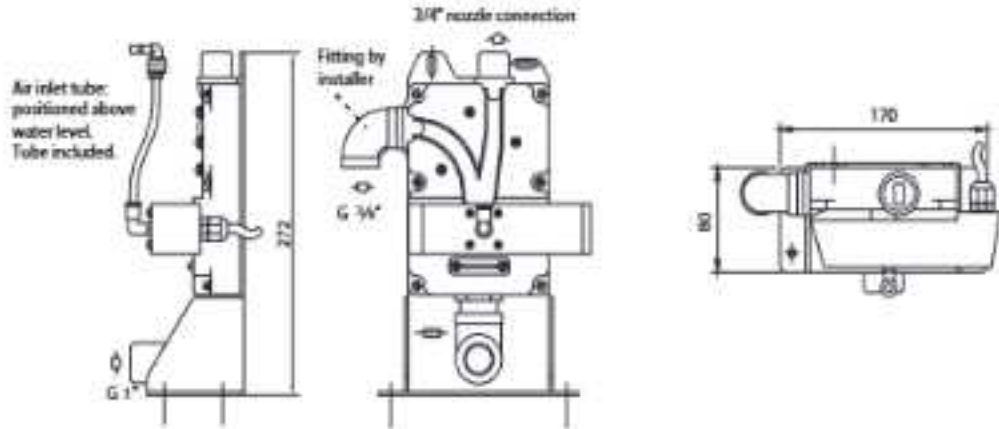
- Construction : ABS with AISI 316 stainless steel mount
- WS1000 with Inlet Connection 1" and two Discharge Connections of 3/4".
- WS1500 with Inlet Connection 1 1/2" and two Discharge Connections of 1 1/2".
- 24VDC 10W Solenoid valve, actuation speed up to 1/12 second
- Can be mounted on ground or suspended on horizontal or vertical bracket
- 3 meter cable S.TOW 18AWG

Code	Description	Inlet	Outlet (2 nos)
WS1000	WaterSwitch 24VDC/10W	1"	3/4"
WS1500	WaterSwitch 24VDC/10W	1 1/2"	1 1/2"

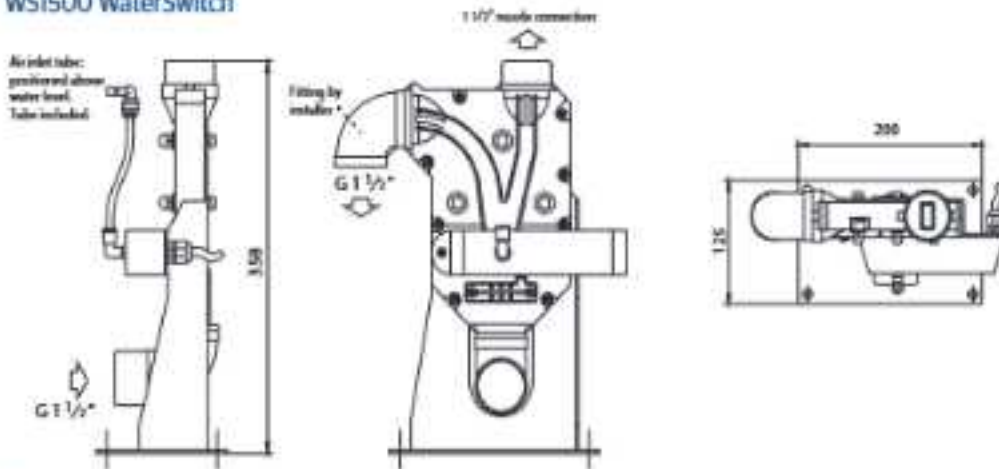
Characteristics	WS1000	WS1500
Rated voltage	24VDC	24VDC
Power Consumption	10W	10W
Power Cable	3m STW 18/ 3AWG	3m STW 18/ 3AWG
Switching Speed	1/12 seconds	1/12 seconds
Weight	2.9kg	3.8kg
Inlet connection	1"	1 1/2"
Outlet connection (2 nos)	3/4"	1 1/2"

Dimensions

WS1000 WaterSwitch



WS1500 WaterSwitch



Rainbow Fountain

WaterSwitch Assembly

WaterSwitch WS1000 Assembly

WaterSwitch 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.



WaterSwitch WS1000
with Finger Nozzle



WS1000

Code	BSR connection	Flow/Head	SPRAY HEIGHT (m)					
			0.5	1	1.5	2	2.5	3
ZF-25-12	1"	LPM	24	35	50	55	60	70
		Pressure demand (Bar)	0.2	0.7	1.2	1.6	1.9	2.6



WaterSwitch WS1000
with Comet Nozzle

Code	BSR connection	Flow/Head	SPRAY HEIGHT (m)						
			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-40-12	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-40-15	1.5"	LPM	44	52	60	76			
		Pressure demand (Bar)	1	1.5	2	3			



WaterSwitch WS1000
with Foam Nozzle

Code	BSR connection	Flow/Head	SPRAY HEIGHT (m)						
			0.5	1	1.5	2	2.5	3	3.5
ZM-15	1/2"	LPM	21	33	40	46	52	59	65
		Pressure demand (Bar)	0.3	0.6	0.9	1.2	1.4	1.8	2.2
ZM-20	3/8"	LPM	26	37	44	50	55	63	70
		Pressure demand (Bar)	0.4	0.7	1	1.4	1.7	2.1	3
ZM-25	1"	LPM	47	60	70				
		Pressure demand (Bar)	1	2	2.6				

Rainbow Fountain

WaterSwitch Assembly



WaterSwitch WS1500 Assembly

WaterSwitch 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.



WaterSwitch WS1500
with Annular Nozzle



Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)				
			1	2	3	4	5
ZA 25	1"	LPM			90	107	130
		Pressure demand (Bar)		1	13	22	
ZA 40	1 1/2"	LPM		80	95	112	
		Pressure demand (Bar)		0.8	11	14	

WaterSwitch WS1500
with Comet Nozzle



Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)						
			4	4.5	5	6	7	8	9
ZS 40-01	1 1/2"	LPM	90	97	117	125	135	155	180
		Pressure demand (Bar)	1	11	15	17	19	23	34
ZS 40-15	1 1/2"	LPM	100	115	121	130	150	190	200
		Pressure demand (Bar)	1.25	15	16	18.5	23	34	42

WaterSwitch WS1500
with Foam Nozzle



Code	BSP connection	Flow/Head	SPRAY HEIGHT (m)							
			0.5	0.75	1	1.5	2	2.5	3	4
ZM 20	3/4"	LPM						90	100	106
		Pressure demand (Bar)						1	11	12
ZM 25	1"	LPM		80	92	100	110	125	140	154
		Pressure demand (Bar)		0.8	11	13	15	17	19	23
ZM 40	1 1/2"	LPM		100	120	140	160	180		
		Pressure demand (Bar)		1.4	1.6	2	2.4	3.4		

Rainbow Fountain Lighting

Fountain Ring LED - AYP Series



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

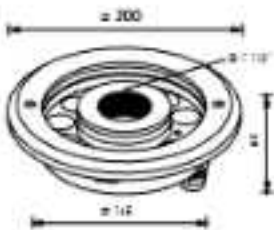
- Housing: Stainless Steel AISI 316 grade.
- Gasket: silicone gasket
- Light Window: step tempered glass T=10mm
- Cable gland: IP 68 PG 11 copper with nickel coated.
- IK rate: 09
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity > 2.0w/mk
- Application environment: Water temp. between -20C° - 50C° less than 1 meter depth
- Power cable: 3m 51W 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 C1 in 1)

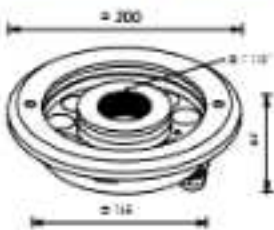
Dimension for AYP27RGB



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 C1 in 1)

Dimension for AYP36RGB



Rainbow Fountain Lighting

Fountain Ring LED - DMX Series



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 perfect 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.

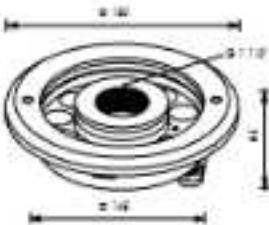


Specifications

- 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

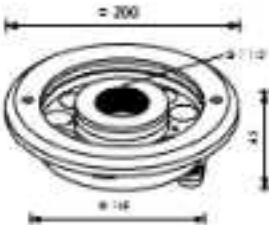
Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(M)	(ft)
2m	1124.77 LUX		0.8m	0.8m
4m	281.19 LUX		1.6m	1.7m
6m	124.97 LUX		2.4m	2.5m
8m	70.30 LUX		3.2m	3.3m
10m	44.99 LUX		4.1m	4.1m
12m	31.24 LUX		4.9m	5.0m

Illuminance at a distance DMX200RGB

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(M)	(ft)
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		3.2m	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



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.



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 SS RGB	9W / 12V	400
20555CW	Lumina Fountain LED SS Cool White	9W / 12V	720
20555WW	Lumina Fountain LED SS Warm White	9W / 12V	640
20555B	Lumina Fountain LED SS Blue	9W / 12V	220



16 Color
Picker



International
Safety Tested
IEC EN 60598-2-25



Fast Return on
Investment



Fountain Spot & XL Series LED

Stainless Steel 316

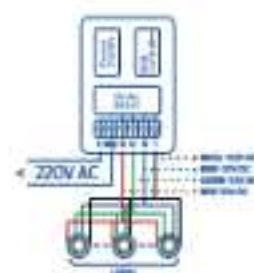


Atecpool Fountain LED Lights - Spot & XL Series

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 2X10 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



AT2527 CW

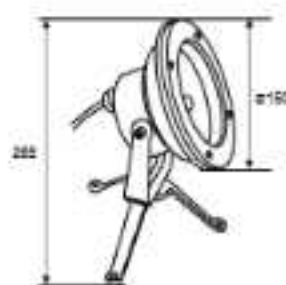


Code	Description	Power / Voltage	Lumen
AT2527 CW	Fountain Spot LED Cool White	1x3W / 12V AC	280
AT2527 WW	Fountain Spot LED Warm White	1x3W / 12V AC	190
AT2527 R	Fountain Spot LED Red	1x3W / 12V AC	60
AT2527 G	Fountain Spot LED Green	1x3W / 12V AC	80
AT2527 B	Fountain Spot LED Blue	1x3W / 12V AC	55
AT2527 RGB	Fountain Spot LED RGB	1x3W / 24V DC	145

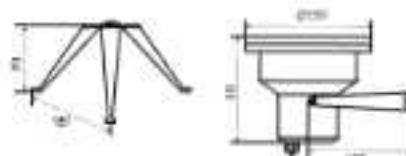
Fountain XL 6 LED Light



AT2527 CW



Code	Description	Power / Voltage	Lumen
AT2527 CW	Fountain 6 LED XL Series Cool White	6x3W / 12V AC	1750
AT2527 WW	Fountain 6 LED XL Series Warm White	6x3W / 12V AC	1400
AT2527 R	Fountain 6 LED XL Series Red	6x3W / 12V AC	440
AT2527 G	Fountain 6 LED XL Series Green	6x3W / 12V AC	470
AT2527 B	Fountain 6 LED XL Series Blue	6x3W / 12V AC	380
AT2527 RGB	Fountain 6 LED XL Series RGB	6x3W / 24V DC	925



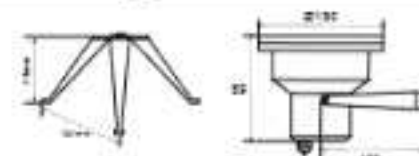
Fountain XLS 9 LED Light



AT2527 CW



Code	Description	Power / Voltage	Lumen
AT2527 CW	Fountain 9 LED XLS Series Cool White	9x3W / 12V AC	2100
AT2527 WW	Fountain 9 LED XLS Series Warm White	9x3W / 12V AC	1880
AT2527 R	Fountain 9 LED XLS Series Red	9x3W / 12V AC	680
AT2527 G	Fountain 9 LED XLS Series Green	9x3W / 12V AC	770
AT2527 B	Fountain 9 LED XLS Series Blue	9x3W / 12V AC	660
AT2527 RGB	Fountain 9 LED XLS Series RGB	9x3W / 24V DC	1450



Fountain CL & CLS Series LED

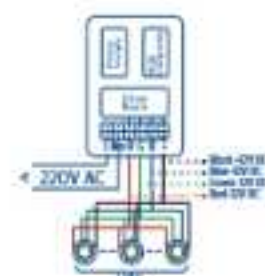
Stainless Steel 316

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: HO7RNF 2X10 mm
L=3m (for single colour) HO7RNF
4X0.75 mm L=3m (RGB)

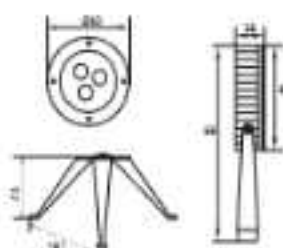


4 Core Modulator used only with RGB model

Fountain CL 3 LED Light



ATZ585 CW

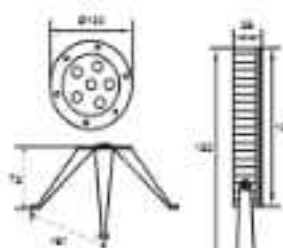


Code	Description	Power / Voltage	Lumen
ATZ585 CW	Fountain CL 3 LED Cool White	3x3W / 12V AC	720
ATZ586 WW	Fountain CL 3 LED Warm White	3x3W / 12V AC	640
ATZ587 R	Fountain CL 3 LED Red	3x3W / 12V AC	345
ATZ587 G	Fountain CL 3 LED Green	3x3W / 12V AC	390
ATZ587 B	Fountain CL 3 LED Blue	3x3W / 12V AC	280
ATZ588 RGB	Fountain CL 3 LED RGB	3x3W / 24V DC	450

Fountain CL 6 LED Light



ATZ585 CW

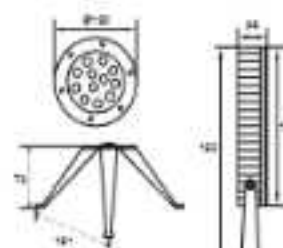


Code	Description	Power / Voltage	Lumen
ATZ585 CW	Fountain CL 6 LED Cool White	6x3W / 12V AC	1750
ATZ586 WW	Fountain CL 6 LED Warm White	6x3W / 12V AC	1400
ATZ587 R	Fountain CL 6 LED Red	6x3W / 12V AC	440
ATZ587 G	Fountain CL 6 LED Green	6x3W / 12V AC	470
ATZ587 B	Fountain CL 6 LED Blue	6x3W / 12V AC	380
ATZ588 RGB	Fountain CL 6 LED RGB	6x3W / 24V DC	925

Fountain CLS 12 LED Light



ATZ585 CW



Code	Description	Power / Voltage	Lumen
ATZ589 CW	Fountain CLS 12 LED Cool White	12x3W / 12V AC	3300
ATZ590 WW	Fountain CLS 12 LED Warm White	12x3W / 12V AC	2600
ATZ591 R	Fountain CLS 12 LED Red	12x3W / 12V AC	880
ATZ591 G	Fountain CLS 12 LED Green	12x3W / 12V AC	960
ATZ591 B	Fountain CLS 12 LED Blue	12x3W / 12V AC	790
ATZ592 RGB	Fountain CLS 12 LED RGB	12x3W / 24V DC	1750

Fountain CLX HP Series LED

Stainless Steel 316



Atecpool Fountain LED Lights - CLX HP Series

Atecpool CLX HP stand spot light series offers unparalleled 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 $\geq 20\text{W/mK}$
- Application environment: temperature of water between -20°C - 50°C less than 1 meter depth
- Power cable: 3m STW 18AWG



Illuminance at a distance CLX36W

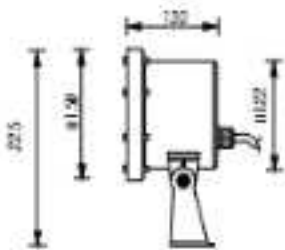
Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(D)
2m	2082.77 LUX		1.0m	0.9m
4m	520.69 LUX		1.9m	1.9m
6m	238.42 LUX		2.9m	2.8m
8m	130.17 LUX		3.9m	3.8m
10m	83.21 LUX		4.9m	4.7m
12m	57.85 LUX		5.8m	5.6m

Illuminance at a distance CLX30RGB

Distance (m)	Center Beam (LUX)	Angle	Beam Width	
			(V)	(D)
2m	308.05 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	20.22 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	30°	24V DC	1600	38.4	Cool White: 3031 Warm white: 2668	10
CLX30RGB	6x5W RGB 3 in 1	30°	24V DC	1600	38.4	RGB	10



Rainbow Fountain

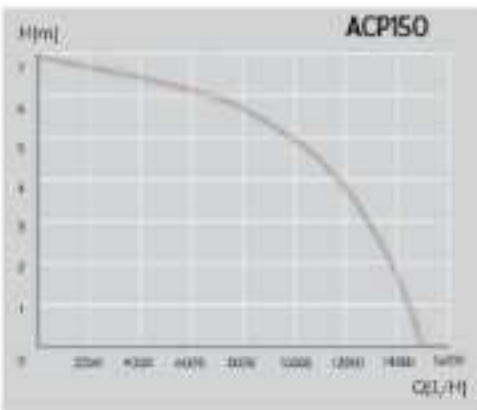
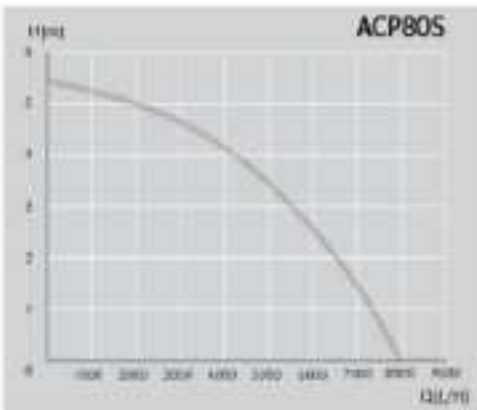
Controllable Submersible Pump



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 heat 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

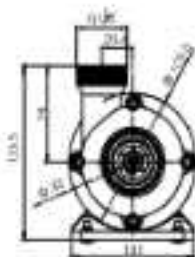
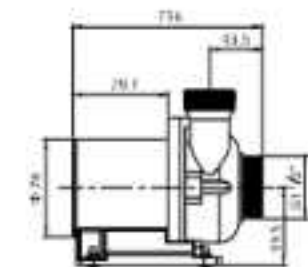


Code	Voltage	Power	Max Speed	Controlled by
ACP80S	24VDC	80W	3000rpm	DMX
ACP150	24VDC	150W	3000rpm	DMX

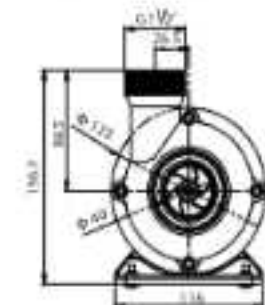
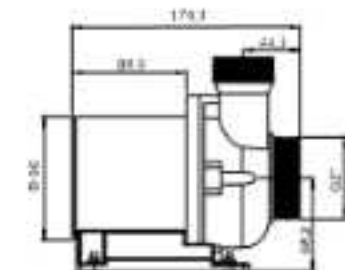
Pumps ACP80S and ACP150 work with T' conical nozzle.

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	15m RVV 3x0.5	15m RVV 3x0.5
Cable for DMX output	15m RVV 3x0.5	15m RVV 3x0.5
Cable for pump	3m H05RN-F 3x0.5	3m H05RN-F 3x0.5
Cable for power input	15m H05RN-F 2x0.75	15m H05RN-F 2x0.75

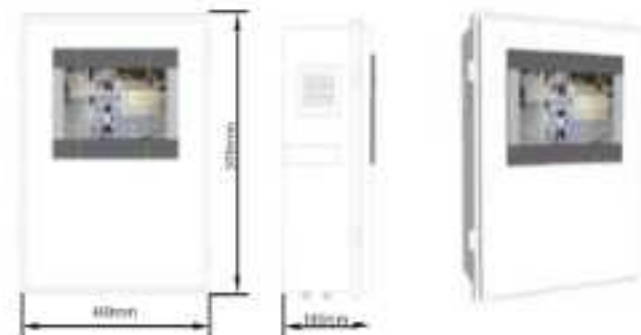
Rainbow Fountain

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 8digital out (clamps 24V DC/ 1A max, optically isolated)	DMX 512/1990 1024 channel 8digital 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: 8digital output max 1A/output
- G: DMX512/1990 (N-Nano 512 - 512 channel / N-Nano 1024 Music - 1024 channel)
- H: Power input 15.24V DC, 8W



LANDSCAPE LIGHTING



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 PWM 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

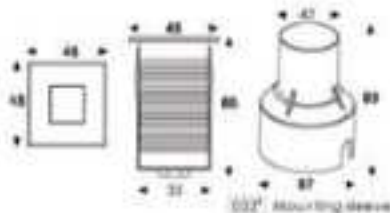
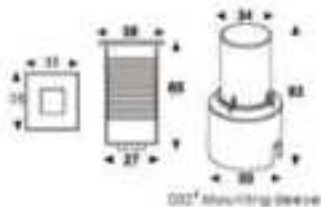
In-Ground Series

Specifications

- Housing: 12# Die-casting grey powder coated aluminum. T=60-80
- Adhesion of ISO class WSTM class 4B
- Front Cover Stainless steel SUS316
- Glass: Step tempered glass. T=5mm
- Cable gland: IP-67 PG-9 copper and nickel coated
- Gasket: Tooling shaped seal
- Weight loading capacity: Exert force area of dial 10 = 75kgs
- Operating temperature: 20°C - 40°C
- Power cable: H105RN - F 2 X 10 mm² L = 0.5m (low voltage)
H105RN - F 2 X 10 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
Degrees (°)	120°	120°
Input Voltage (V)	24VDC	24VDC
Typical Operating current (mA)	34	110
Typical Consumption (W)	0.81	2.5
Typical Luminance (lm)	Cool White - 11 / Warm White - 96	Cool White - 31 / Warm White - 96
IK Rate	06	10K - 90K

Product Code	LG014240 / LG014250	LG014260 / LG014270
Light Source	1X 0.5W CREE	1X 2W CREE
Degrees (°)	120°	120°
Input Voltage (V)	24VDC	24VDC
Typical Operating current (mA)	34	110
Typical Consumption (W)	0.81	2.5
Typical Luminance (lm)	Cool White - 11 / Warm White - 96	Cool White - 31 / Warm White - 96
IK Rate	06	10K - 90K

Landscape LED Lighting

In-Ground Series

Specifications

- Housing 12# Die-casting grey powder coated, T=60-80 um
- Adhesion of ISO class 1ASTM class 4B
- Front Cover 316# Stainless steel
- Glass/Step tempered glass, T=8 mm
- Loading capacity: Exert force area of $\phi 10=660\text{kgs}$, $\phi 30=1840\text{kgs}$
- 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 240VC
HO5RN-F 6X0.75mm² L=0.5m



ATECPool COB LED Inground Light



LG014320

LG014325

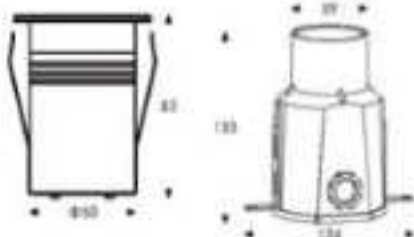
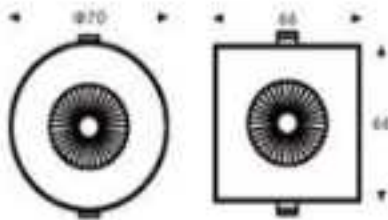


Product Code	LG014320	LG014325
Light Source	COB D5W	COB D5W
Degree (°)	30°	30°
Input Voltage (V)	24VDC D10240	24VDC D10240
Typical Operating current (mA)	24V = 270 D10V = 180 240V = 50	24V = 270 D10V = 180 240V = 50
Typical Consumption (W)	24V = 6.5 D10V = 5.7 240V = 6.2	24V = 6.5 D10V = 5.7 240V = 6.2
Typical Luminance (lm)	Cool White = 300 Warm White = 60	Cool White = 300 Warm White = 60

R. Rule

OB

OB



Landscape LED Lighting

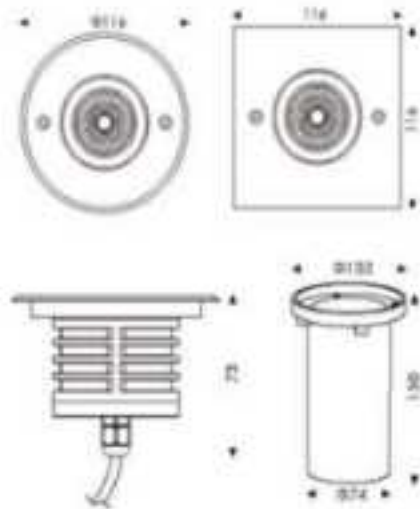
In-Ground Series

Specifications

- Housing: 17/1 Die-casting grey powder coated T= 60 - 80
- Adhesion of ISO class 1ASTM class 4B
- Front Cover: Stainless steel SUS316 316L Stainless steel
- Glass: Step tempered glass, T= 8mm
- Loading capacity: Exert force area of $\phi 10=660\text{kgs}$, $\phi 30=1840\text{kgs}$
- 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%
- Drives: Constant current output
- Operating temperature: 20°C - 40°C
- Mounting sleeve: PVC



ATECPOOL COB LED Inground Light



Product Code	LG014327	LG014329
Light Source	COB 100W	COB 100W
Degree (°)	25°	25°
Input Voltage (V)	24VDC 100-240	24VDC 100-240
Typical Operating current (mA)	24V = 337 100V = 180 240V = 60	24V = 337 100V = 180 240V = 60
Typical Consumption (W)	24V = 8 100V = 75 240V = 76	24V = 8 100V = 75 240V = 76
Typical Luminance (lm)	Cool White = 350 Warm White = 300	Cool White = 350 Warm White = 300
IC Rate	09	09

Landscape LED Lighting

In-Ground Series

Specifications

- Housing: 12fl Die-casting grey powder coated, T = 60-80um
- Adhesion of ISO class 1/ASTM class 4B
- Front ring: 316fl 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: HO5RN-F 2X0.75mm² L = 0.5m (low voltage)
HO5RN-F 3X0.75mm² L = 0.5m (high voltage)
- Mounting sleeve: PVC

ATECPOOL LED Roll Over Light



LG014321

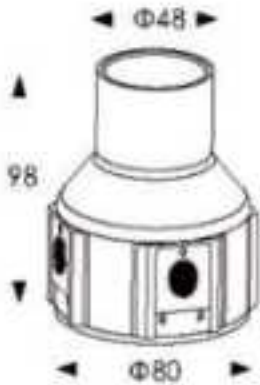
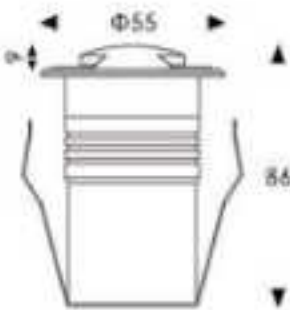


Product Code	LG014321	LG014323	LG014326
Light Source	2W	2W	2W
Input Voltage (V)	60V	60V	60V
Typical Operating current (mA)	24V ~ 110 120V ~ 48 240V ~ 24	24V ~ 110 120V ~ 48 240V ~ 24	24V ~ 110 120V ~ 48 240V ~ 24
Typical Consumption (W)	24V ~ 26 120V ~ 6.3 240V ~ 6.8	10	24V ~ 30.5 120V ~ 31 240V ~ 3.2
Operating Current (mA)	24VDC ~ 110 120V ~ 48	24VDC ~ 110 120 ~ 48	24V ~ 30.5 120V ~ 31 240 ~ 3.2



LG014323

LG014326



Landscape LED Lighting

In-Ground Series

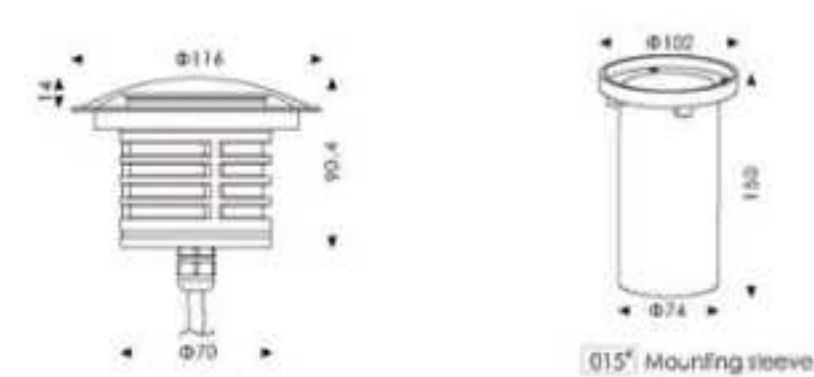
Specifications

- Housing: 17# Die-casting grey powder coated T=60-80um
- Adhesion of ISO class 1ASTM 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: HO5RN-F 2X0.75mm² L = 0.5m (low voltage)
- HO5RN-F 3X0.75mm² L = 0.5m (high voltage)
- Mounting sleeve: PVC

ATECPOOL LED Roll Over Light



Product Code	LG014317	LG014318	LG014319
Light Source	SM056220RG	SM056220RG	SM056220RG
Input Voltage (v)	60V	60V	60V
Typical Operating current (mA)	24V = 12G 120V = 32 240V = 16	24V = 12G 120V = 32 240V = 16	24V = 12G 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 100240	24VDC 100240	24VDC 100240



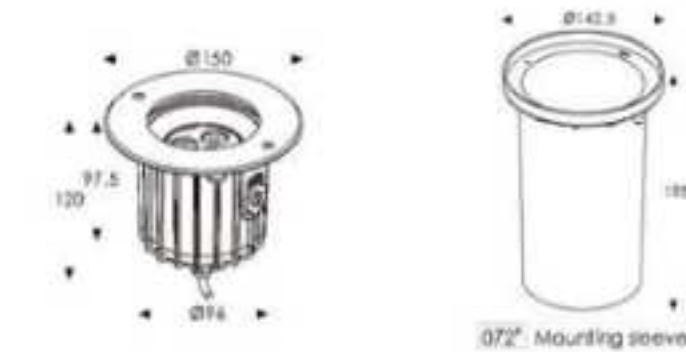
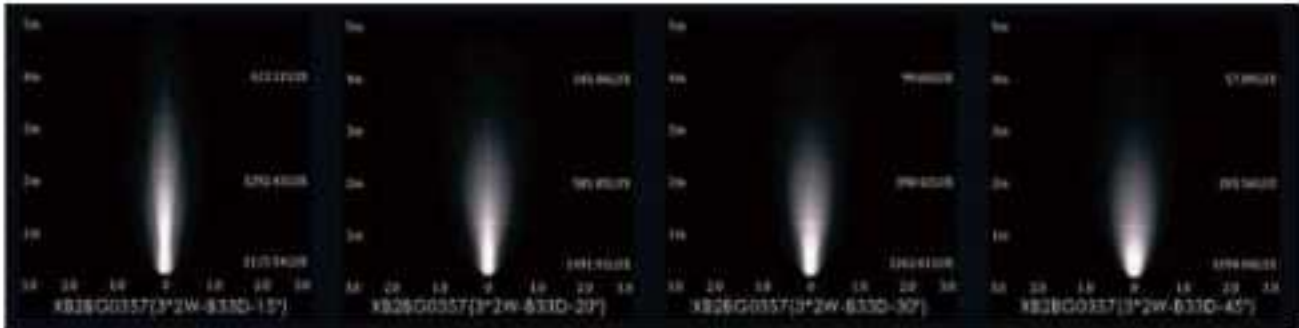
Landscape LED Lighting

In-Ground Series

Specifications

- Housing 12# Die-casting grey powder coated, T=60-80 um
- Adhesion of ISO class 1ASTM class 4B
- Front Cover: Stainless steel SUS316
- Glass: Step tempered glass, T=8mm
- Loading capacity: Exert force area of dia10-2225kgs
- Gasket: Molding shaped double silicone seal
- LED: Cree LED
- Operating temperature: 20°C-40°C
- Power cable: HO5RN-F 2X0.75mm² L=0.5m (low voltage)
HO5RN-F 3X0.75mm² L=0.5m (high voltage)
HO5RN-F 4X0.75mm² L=0.5m (for RGB)
- Mounting sleeve: PVC

COB LED Beam Angle Adjustable Inground Light



Product Code	LG01530	LG01535	LG015320	LG015325	LG015330	LG015335
Light Source	30W	30W	3x3W RGBW	30W	30W	30W RGBW
Degree (°)	15° 20° 25° 30° 45°	15° 20° 25° 30° 45°	15° 20° 25° 30° 45°	15° 20° 30°	15° 20° 30°	15° 20° 30°
Input Voltage (V)	24V-54V 24V-025	24VDC	24VDC	24VDC DC/240VAC	24VDC	24VDC
Typical Operating current (mA)	24V-125 240V-30 120V-25	8-10 G-124 B-124	60	24V-137 240V-62	11-22 G-32 B-23	60
Typical Consumption (W)	24V-25 240V-34	1/5	1/5	24V-8 240V-25	1/5	1/5
Typical Luminance (lm)	Cool white-77 Warm White-65	R-48 G-75 B-20	R-48 G-75 B-20	Cool white-260 Warm white-300	R-124 G-32 B-7	R-52 G-32 B-13 W-32
K.Rate	00	06	06	06	04	06

Landscape LED Lighting

In-Ground Series

Specifications

- Housing: Housing : 12fl 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 XPE 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℃-40℃
- 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

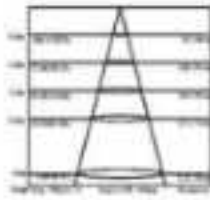
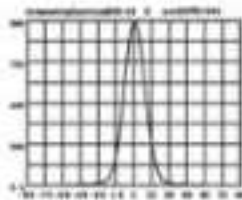
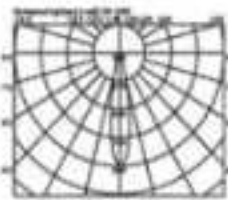


LG0534042

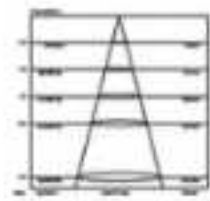
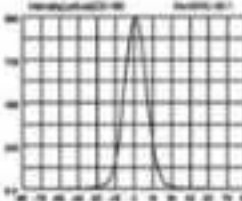
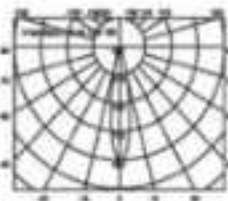


LG0534046

Product Code	LG05340	LG05342	LG05344	LG05346
Light Source	30W	30W RGB	30W	30W 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-117 120V-62	R-70 G-104 B-104	24V-280 240V-117 120V-62	R-70 G-104 B-104
Typical Consumption (W)	24V-67 120V-7 240V-7	77	24V-67 120V-7 240V-7	77
Typical Luminance (lm)	Cool White : 347 Warm White : 300	R-70 G-104 B-104	Cool White : 347 Warm White : 300	R-48 G-79 B-30
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: HO5RN-F 2X0.75mm² L=0.5m (low voltage)
HO5RN-F 3X0.75mm² L=0.5m (high voltage)
HO5RN-F 4X0.75mm² L=0.5m (for RGB)
- Mounting sleeve: PVC



ATECPool Power LED Inground Light



LG01530/12



LG01536/19

Product Code	LG01530	LG01533	LG01536	LG01539
Light Source	DCW	6xW RGB	6xW	6xW RGB
Degree (°)	30°	30°	45° Asymmetrical	45° Asymmetrical
Input Voltage (V)	24VDC DC0-40	24VDC	24VDC DC0-40	24VDC
Typical Operating current (mA)	24V-525 DCW-88 240V-64	R-300 G-250 B-250	24V-525 DCW-88 240V-64	R-300 G-250 B-250
Typical Consumption (W)	24V-12.8 DCW-01 240V-11.7	9.5	24V-12.8 DCW-01 240V-11.7	9.5
Typical Luminance (lm)	Cool White - 520 Warm White - 452	R-100 G-85 B-85	Cool White - 590 Warm White - 510	R-100 G-85 B-85
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 : 12fl 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 XPE 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



LG015536



LG015547

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 120VAC	24VDC	24VDC 120VAC	24VDC
Typical Operating current (mA)	24V-1000 120V-200 240V-125	R-200 G-300 B-300	24V-505 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 - 1000 Warm White - 800	R-62 G-104 B-24	Cool White - 900 Warm White - 800	R-62 G-104 B-24
IK Rate	09	09	09	09



Landscape LED Lighting

In-Ground Series

Specifications

- Housing Housing: 12W die-casting grey powder coated T=25-25um Adhesion of ISO class 1WSTM 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: 20°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

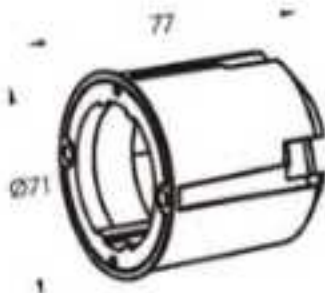


LG08530



LG08535

Product Code	LSBOW	LSB1W
Light Source	DCW	DCW (RGB 3in1)
Degree (°)	00°	00°
Input Voltage (V)	24VDC 12V/24VAC	24VDC
Typical Operating current (mA)	34V-110 32V-45 34V-28	R-38 G-53 B-54
Typical Consumption (W)	3W-26 32V-33 34V-33	35
Typical Luminance (lm)	Cool White - 31 Warm White - 27	R-15 G-26 B-5
K Rate	09	09





CLEANING EQUIPMENT



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



Top access to filter baskets



Two large-volume filter baskets

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 m ²
Flow rate	16 m ³ / 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 200m². 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 m ²
Flow rate	20 m ³ / h
Filter density	180 pm
Running speed	12.5 m / min
Working cycle	2 / 3 / 4 h
Max. pool depth	2 m
Net weight	15 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

 **60 Min**
 **2500mAh**

Features

- Rechargeable battery pack.
- Small valve allows filtered 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

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 µm
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 scrubbing 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 pole

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 / 1 1/2" and 50mm / 2" vacuum hoses
- New reinforced nylon structure



CS393CBX



CS3934

Cleanstar Aluminium Articulated Vacuum Head

Code	Description	Weight	Volume
		kg	m³
CS393CBX	35cm / 14" CS Articulated Aluminium Vacuum Head	24	0.008
CS394CBX	45cm / 18" CS Articulated Aluminium Vacuum Head	28	0.008

Cleanstar Anodized Aluminium Vacuum Head

Code	Description	Weight	Volume
		kg	m³
CS3934	35cm / 14" CS Aluminium Vacuum Head	20	0.008
CS3938	45cm / 18" CS Aluminium Vacuum Head	22	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 / 1 1/2" vacuum hoses.



CS763



CS802



CS804

Cleanstar Premium Extra Weight Vacuum Head

Flexible articulated pool cleaner with 35 cm head, extra weight for better performance.

Code	Description	Weight	Volume
		kg	m³
CS763	35cm / 14" CS Premium Extra Weight Vacuum Head	22	0.008

Cleanstar Flexible Vacuum Head 35 cm / 14"

Code	Description	Weight	Volume
		kg	m³
CS802	35cm / 14" CS Flexible Vacuum Head	12	0.008

Cleanstar Flexible Vacuum Head 48 cm / 19"

Code	Description	Weight	Volume
		kg	m³
CS804	48cm / 19" CS Flexible Vacuum Head	16	0.008

Cleaning Accessories

Vacuum Heads and Handles



Triangular Vacuum Head
Transparent triangular shaped vacuum head, with brushes and clip type. Handle with swivel system. 1 1/2" hose connection and outer 2".

Code	Description	Weight	Volume
		kg	m³
0050927	Triangular Vacuum Head	10	0008



Flexible Vacuum Head Deluxe 35 cm / 14"
Flexible vacuum head with side brushes made in blue and white polyethylene. 35 cm head with 8 wheels and side brushes. Handle with swivel system. 1 1/2" hose connection and outer 2".

Code	Description	Weight	Volume
		kg	m³
0050925	Flexi Vacuum head	11	0008



Aluminium Vacuum Head
Vacuum head with wheels, anodised aluminium, clip type. 1 1/2" hose connection and outer 2".

Code	Description	Weight	Volume
		kg	m³
0050080	25cm / 10" Aluminium Vacuum Head	20	0008
0050081	45cm / 18" Aluminium Vacuum Head	22	0008

Telescopic Poles



Cleanstar Telescopic Pole Corrugated
Extra heavy duty tubes with 14 mm wall thickness. Anodized aluminium in golden color. Ergonomically shaped lock and grip in dual material. Inner core made of hard and durable ABS. Soft comfortable grip.

Code	Description	Weight	Volume
		kg	m³
C5481	Telescopic Pole 18 - 32 mtr GOLDEN	13	0005
C5481	Telescopic Pole 24 - 48 mtr GOLDEN	18	0005



Telescopic Pole Blue Professional
Telescopic pole in aluminium up to 48 m. Corrugated professional model for large pools, extra strong with 14 mm thickness.

Code	Description	Weight	Volume
		kg	m³
0085001	Telescopic Pole 12 - 24 mtr BLUE Professional	12	0005
0085001	Telescopic Pole 24 - 48 mtr BLUE Professional	18	0005
0085002	Telescopic Pole 36 - 72 mtr BLUE Professional	32	0005

Cleaning Accessories

Brushes and Leaf Rakes



Cleanstar Wall Brush Curved Metal Back
With long-lasting nylon bristles. Gold anodized aluminum handles.

Code	Description	Weight kg	Volume m³
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 kg	Volume m³
00510930	45 cm Wall Brush Curved	0.3	0.008



Wall Brush Straight
Straight brush 26 cm Clip type. Nylon bristles.

Code	Description	Weight kg	Volume m³
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 kg	Volume m³
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 kg	Volume m³
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 kg	Volume m³
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	m³
00510934	Surface Leaf Net	0.29	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	m³
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	m³
CS353	Cleanstar Floating Hose 10 mtr	3.0	0.008
CS355	Cleanstar Floating Hose 12 mtr	4.5	0.008
CS386	Cleanstar Floating Hose 5 mtr	5.6	0.008
CS357	Cleanstar Floating Hose 30 mtr	9.2	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	m³
CS529	CS 3Way 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	m³
CS102	CS 2Way 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
00205078	Scuba II Test Kit	temperature-compensated LED 0.1-100 nm and photo sensor	2 batteries (AAA) capacity ca 100 tests	LCD	145 x 70 x 45	0.025



CS608



Cleanstar Jumbo Float Thermometer

Jumbo size with an easy-to-read scale. Can be read without having to take the thermometer out of the water. Securing cord included. 0°C - 50°C temperature range. Floats on pool surface. 40 cm height.



Code	Description	Weight	Volume
		kg	cm³
CS608	CS Jumbo Float Thermometer	0.4	0.008



CS705

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	cm³
CS705	CS Character Thermometer	0.1	0.003



POOL COVERS



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.



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.



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 525 denier in fill, 41 x 20 construction plus 80% minimum black yarn and 20% minimum green yarn for best UV stability. Burst strength of material is 650 P.S.I.

ULTRA-LOC®

Polypropylene laminated, polypropylene reinforced. UV stable, burst strength of 650 P.S.I. (min)

Webbing

1" wide polypropylene, polyester with nylon filler. Minimum break strength, 2100 pounds single. To be used double thick for minimum strap break strength of 4200 pounds. Minimum 90% black yarn. (Cotton, wool or other natural fibers treated or untreated are unacceptable for safety cover use).

Chafing strips

(Under cover) 1" minimum width, 20" to 36" long (depending on cover overlap) extruded solid, virgin vinyl 3/16" thick. All inside corners heavily padded.

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.

Thread

Dabond polyester Veerno - UVR. Size 138. Three rows of stitching all directions.

Standard Springs

302/304 stainless steel, two draw bar compression type with thick vinyl tubular deck protective covers. For residential applications.

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 2500 sq. ft.

Anchors

Brass, flush mounted in deck with screw type insert. 4000 pound break strength at neck.

Installation Tools

30" long steel rod, with notched end and plastic grip.

Finished Cover

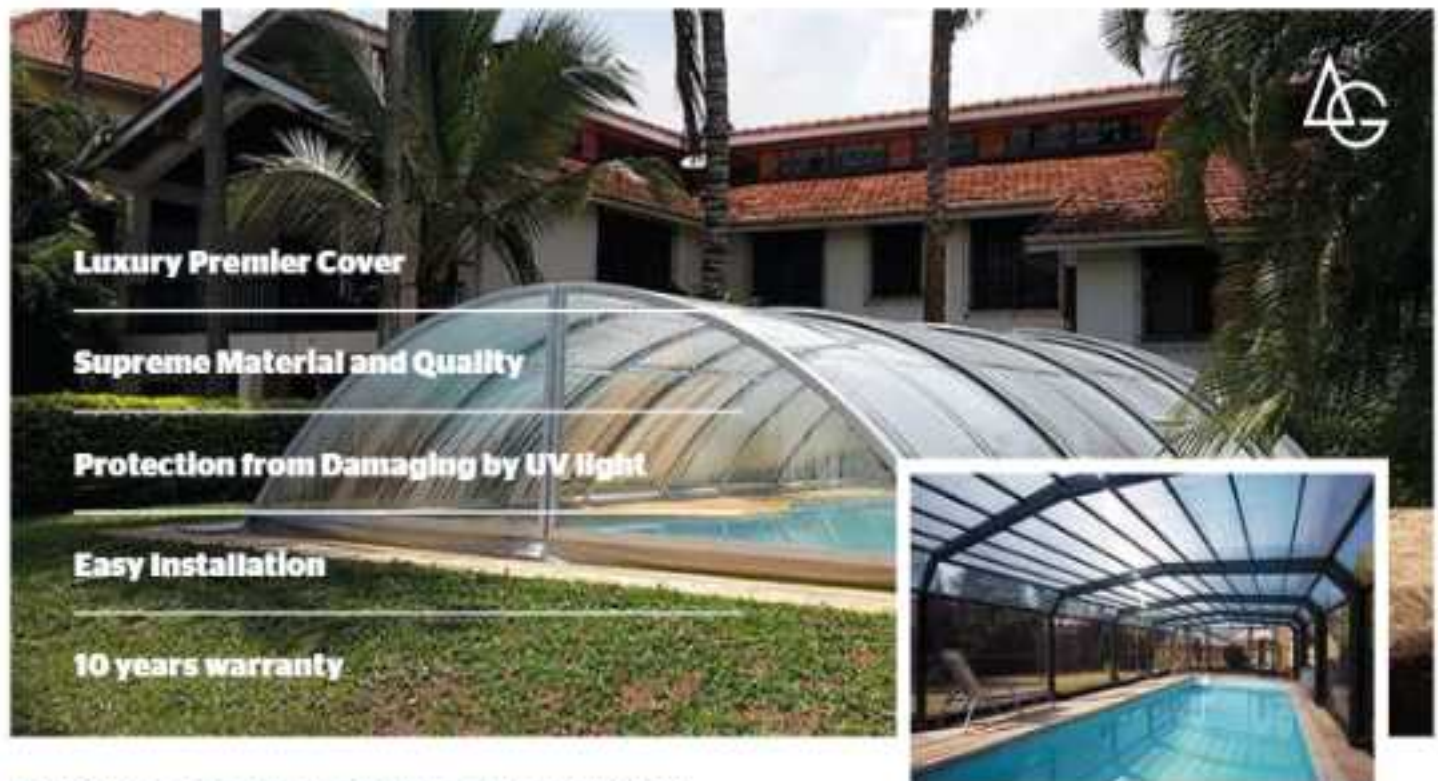
To have sections approximately 3' x 3'. (For residential rectangular pools only, cover may be made with approximately 5' x 5' sections.) All straps to be "X" laced at cover edge with stainless steel buckles and aluminum tips.

Warranty

Safety cover will have a 15-year pro-rata warranty.

Atecpool Pool Covers

Swimming Pool Enclosure-Retractable



Luxury Premier Cover

Supreme Material and Quality

Protection from Damaging by UV light

Easy Installation

10 years warranty

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:

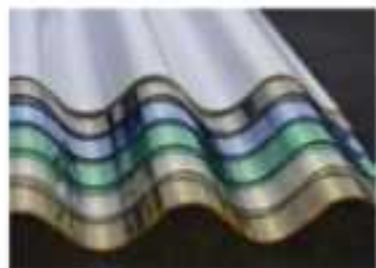
Extruded aluminium alloy 6064 in 2 mm thickness with high wind pressure resistance. Commonly used as window or door frames. Aluminium is anodized and oxidized on the surface with a protective coating against corrosive media like salt, salt mist, corrosive glass etc. Aluminium is highly corrosion resistant 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 390.5mm - inner width 358.0mm) / 2 = 162.5mm]

Extended tracks on request.



Atecpool Pool Covers

Swimming Pool Enclosure-Retractable

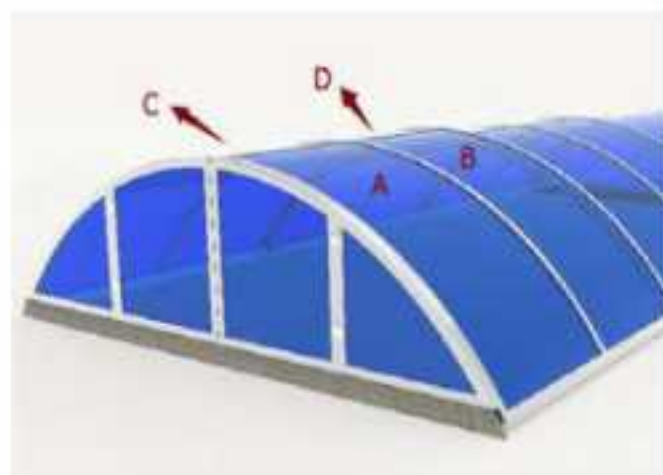
Front Door

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

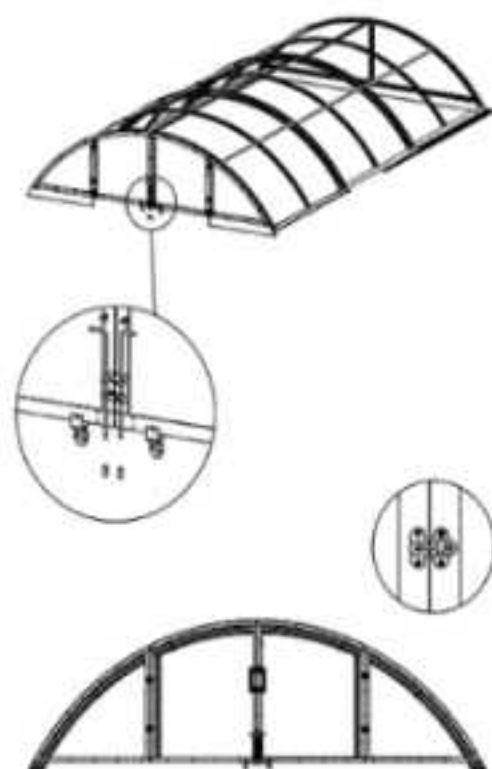


The side sliding door can be located at the A, B, C or D panel as shown below.

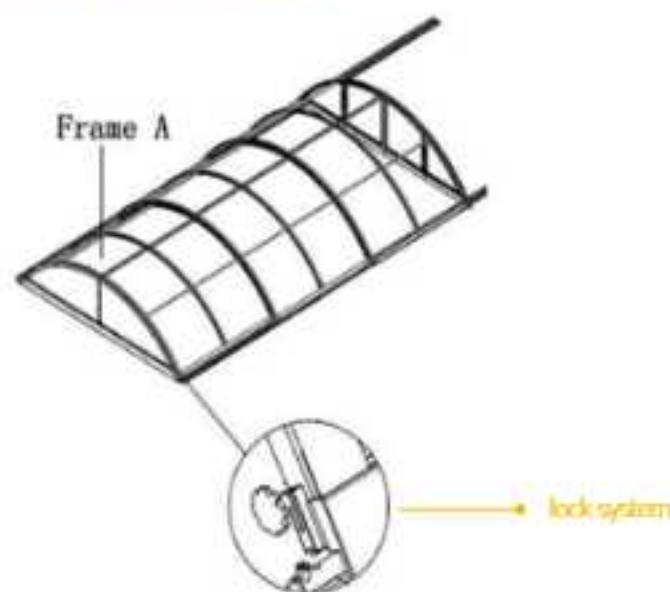
Lock System

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

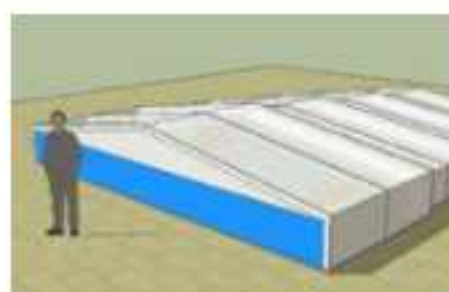
Atecpool Pool Enclosures Models

Taylor made size to suit your requirement according to pool dimensions, please contact our sales staff for more details.

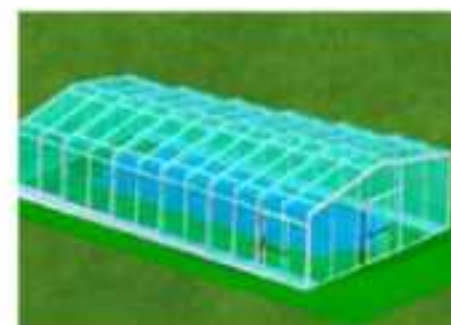
Model 1 - The Classic



Model 2 - Low Roof Type



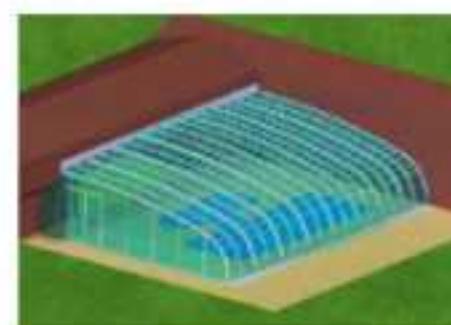
Model 3 - High Roof Type I



Model 4 - High Roof Type II



Model 5 - Adaptive 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.

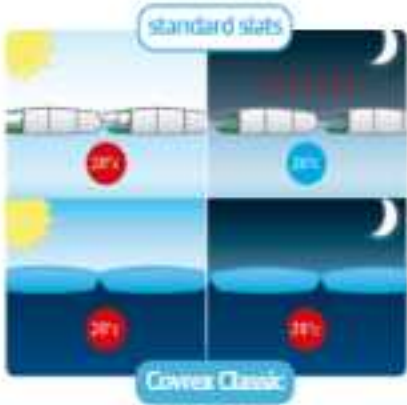
Resistance to heavy weather conditions and hail

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

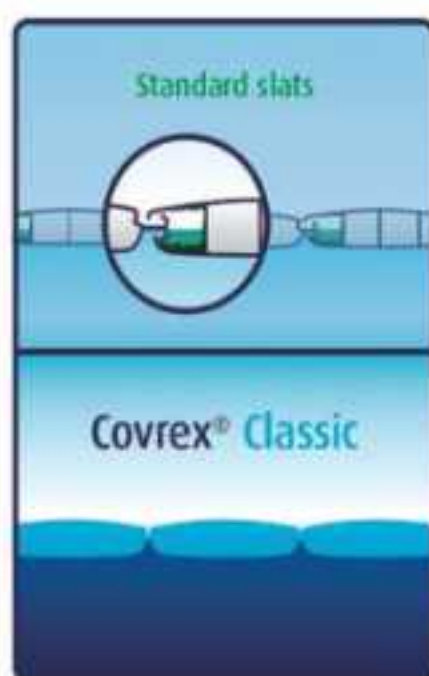
The foam filled Covrex® Classic slats are coextruded in one piece with a flexible connection instead of a traditional hinge. Consequently, dirt and algae can't enter into the hollow compartments. Their smooth surface prevents algae to stick to the slats. This leads to the big advantage of an easy maintenance 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. -20°C and max. +70°C

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 leaves, 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:

ATECPPOOL, 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:

ATECPPOOL takes pride and honour in declaring our commitment to customer satisfaction by providing high quality products. **ATECPPOOL** continually improves quality and is committed to strategic improvement of Quality Management Systems by adopting a fast change cycle of technology. **ATECPPOOL** stands for establishing and implementing international standards of quality measurement, leading to an optimized utilization of resources.

ISO 9001:2015





Inspired by water



**ATECPOOL
INTERNATIONAL
GROUP**



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atecpool.com





Inspired by Water

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