

ATECPOOL

PRODUCT CATALOGUE

INTERNATIONAL

ATECPOOL INTERNATIONAL GROUP

2023 / 2024

Inspired by Water

ATECPOOL INTERNATIONAL GROUP



ATECPOOL
INTERNATIONAL
GROUP

PRODUCT CATALOGUE

2023/2024


ATECPOOL
INTERNATIONAL
GROUP

Inspired by Water

A global brand with global responsibility

ECO FRIENDLY

QUALITY COMMITTED

ISO CERTIFIED

ISO 9001: 2015

ATECPOOL INTERNATIONAL GROUP

Advanced Water Technology

At **Atecpool International Group**, we are committed to providing exceptionally designed and engineered products for your pools, spas, and water features. Establishing trust with our customers and producers, through ensuring excellence and confidence in our transactions, is a priority. **Atecpool International Group** caters to our worldwide customer base through our offices, warehouses, and distribution centres located in 8 countries. Our dedication to innovative products of the highest quality has made us a renowned top-rated international brand, and when accompanied with our emphasis on quality control, we know we only provide our client's the best. Our products are sourced from manufacturers who integrate sleek designs and high-quality engineering, tooling and production. Our decades of experience mean we have perfected the craft of designing, engineering and manufacturing premium equipment and pool accessories for customers internationally.

Atecpool's 45 years of expertise has resulted in advancements which are ahead of industry standards such as our introduction of **A-Connect**, the mobile application which allows hassle-free monitoring and controlling of **Atecpool** equipment from your mobile, and robotic technology for automated cleaning of pools and spas with Hydro-cloud technology . Further advancements are related to our dedication to water-saving and eco-friendly solutions by introducing filtration techniques like Regenerative Filters with fully automated Self-Cleaning Patented Technology inbuilt . Our scope has broadened to provide a range of affordable water solution to the most advanced and sustainable water solutions to suit clients' needs.

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 hotels internationally. The astounding support from our valued customers has fueled **Atecpool**'s dedication to exceptional standards and industry-leading water solutions. We look forward to continuing to support our international clients and establish new working relationships.

Inspired by water. Enjoy your dreams.

OUR COMPANY

Inspired by Water

ATECPOOL INTERNATIONAL GROUP

In 2002 **ATECPOOL™** Internacional España emerged as the premium swimming pool brand with factories worldwide and our headquarters based in Barcelona, Spain. We revolutionised the pool and water treatment industry with our continuous efforts in innovation and design excellence, and continue to do so to this day. Our factories in Europe, the UK and USA manufacture **ATECPOOL™** brand products of outstanding quality, innovative design, and expertly engineered, which are found in 24 countries worldwide. Our reliable, technologically-advanced and ecologically friendly products have been developed to meet all technical needs the market demands while enhancing user friendliness. Our high quality assurance is a characteristic for which we are renowned. At **ATECPOOL™** we offer the best!

OUR COMMITMENT

ATECPOOL™ is passionately committed to our client's satisfaction, through sustainable, technologically-innovative, and eco-friendly solutions. To suit all client's needs, we provide a range of water solutions from affordable to the most advanced and sustainable, and all technical demands are met with customisation. Our commitment keeps us going and encourages us in our continuous effort of product development.





DESIGN & ENGINEERING

Our Production and Quality Management departments assure excellence in design and the engineered characteristics of all **ATECPOOL™** brand products. **ATECPOOL™** professionals ensure client's satisfaction through our supply of premium, high-end products under our superior quality assurance program. With over 45 years of expertise in the pool industry, we have witnessed technological advancement in the industry and our own products; the introduction of **A-connect**, our mobile application which allows hassle-free monitoring and controlling of **ATECPOOL™** equipment, makes us pioneers of our industry.





OUR MAIN BRANCHES

Atecpool Internacional España

Atecpool Netherlands

Atecpool International Group

CATALOGUE OVERVIEW

Inspired by Water

Inspired by Water

NEW RELEASE

ATECPOOL

A-BOT

AUTOMATIC POOL CLEANER

ATECPOOL presents:
Intelligent Robot with
Hydro-Cloud Technology





ATECPOOL INTERNATIONAL GROUP

ATECPOOL

NEW RELEASE

Inspired by Water

THERMOLITE

ELECTRIC HEATER

ATECPOOL presents:
Inline Electric Water Heater

SCAN ME



ATECPOOL INTERNATIONAL GROUP



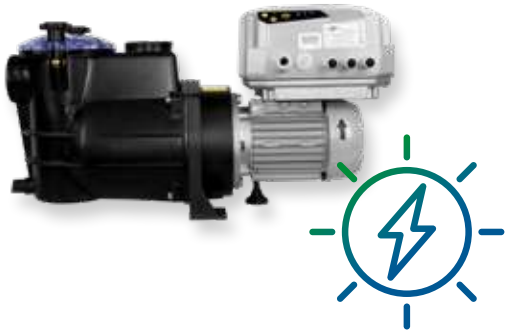
ATECPOOL INVERPRO PUMP

PUMPS CATEGORY

Page n°24

20% times quieter at full capacity

Equipped with Inverter technology, Atecpool InverPro is 20% times quieter than other pumps in the market, down to 36.6 dB(A) at 1m.



ATECPOOL SOLAR PUMP

PUMPS CATEGORY

Page n°25

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 SMART SAVER

PUMPS CATEGORY

Page n°48

Atecpool Smart Saver > The Green Revolution

Convert alternating current frequency to another frequency, the result of this conversion leads to a motor speed change in pool pump application



ATECPOOL REG-X FILTER

POOL FILTRATION CATEGORY

Page n°54

Atecpool Reg-X Filter > Regenerative filter

The Reg-X Regenerative Media Filter uses patented technology to uniquely provide 1 micron filtration performance, compared to the 30-40 micron particles removed in traditional sand filters.



ATECPOOL BALTICO FILTER

POOL FILTRATION CATEGORY

Page n°65

Atecpool Baltico Filter

ATECPOOL Baltico 1.2 M sand bed, laminated fiberglass commercial type for public pools with nozzle plates.



ATECPOOL MEGA INVERTER HP

POOL HEATING CATEGORY

Page n°171

Atecpool Mega Inverter Heat Pump

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.

ECO friendly



ATECPOOL BRIGHTBOT 6000

CLEANING CATEGORY

Page n°357

Atecpool Brightbot Pool Robot

Robotic pool cleaner independently developed by ATECPOOL for private, public, commercial, and other scenarios.



ATECPOOL DEHUMIDIFIER

POOL HEATING CATEGORY

Page n°190

Atecpool Dehumidifier

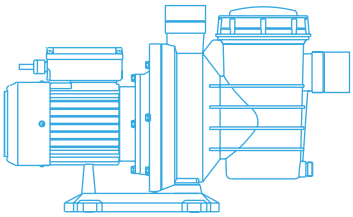
Atecpool Air Dehumidifier can easily tackle problems that cause condensation and furniture corrosion. Atecpool Air Dehumidifier for indoor pool installation.

ECO friendly

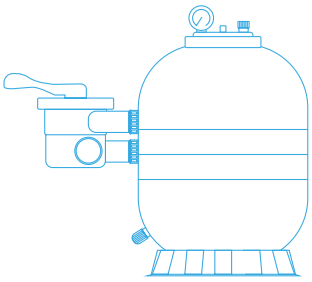
INDEX



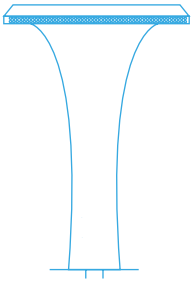
1. A-CONNECT POOL
page 17



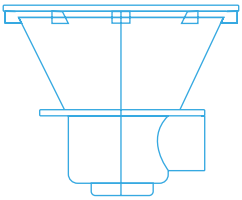
2. PUMPS
page 21



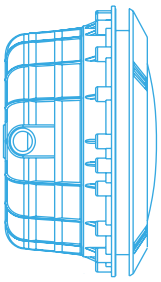
3. FILTRATION
page 51



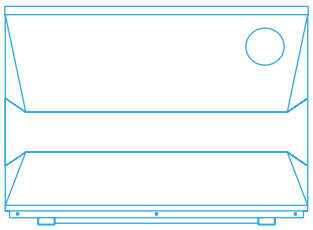
4. POOL SURROUND
page 81



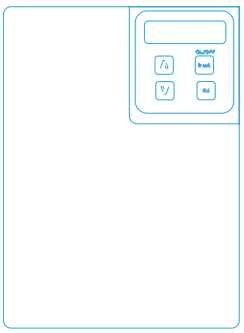
5. POOL & SPA FITTINGS
page 109



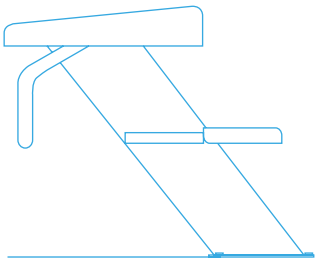
6. POOL LIGHTING
page 127



7. POOL HEATING
page 163



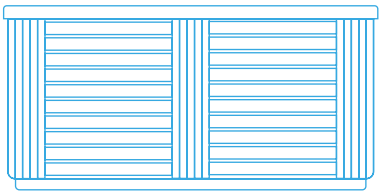
8. WATER TREATMENT
page 201



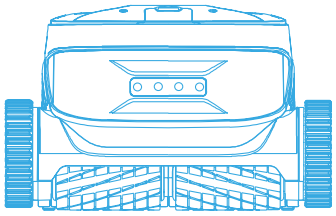
9. COMPETITION EQUIPMENT
page 241



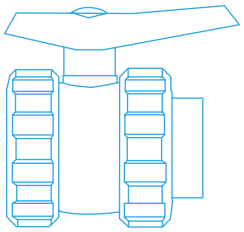
10. RAINBOW FOUNTAIN
page 251



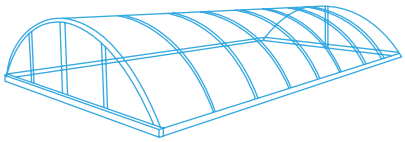
11. WELLNESS
page 301



12. CLEANING EQUIPMENT
page 355



13. VALVES AND UNIONS
page 365



14. POOL COVERS
page 373



15. ATECPOOL GROUP
page 382

ATECPOOL

A-CONNECT

A-CONNECT by ATECPOOL

MONITOR & MANAGE YOUR POOL FROM WHEREVER YOU ARE!

ATECPOOL INTERNATIONAL GROUP

atecpool.com


Inspired
by Water

Atecpool Wi-Fi Pool
Automated pool

Atecpool Wi-Fi Pool
Automatic wifi-connected control system for inground and above-ground swimming pools. Keeping your pool water warm, clean and healthy is child's play with this revolutionary pre-assembled wifi control system. The system is modular and through the use of Smart Plugs Wifipool is the latest revelation in the world of smart pools. Monitoring and managing parameters such as pH and chlorine level, temperature, current and water levels goes like clockwork with our handy app, available for Android and iPhone. Controlling the filter pump via frequency regulator, switching lights on and off and controlling the temperature are all possible with the Wifipool app.

Crystal-clear water with the perfect temperature is just a few clicks away!

Monitor & manage your pool from wherever you are!



Atecpool Wi-Fi Pool
Automated pool

Atecpool Wi-Fi Pool



Download on the App Store

GET IT ON Google Play

Wi-Fi connection

Easy Touch
Easy Run



ECO friendly



Automatic wifi control system for built-in pools, aboveground pools and spas
The Atecpool Wifipool Smart Plug can be used to turn on and off virtually any pool equipment, e.g. a filtration pump, dosing pump or UV lamps, etc. In combination with our measurement modules, the Smart Plug can be programmed to start and stop depending on temperature, pH or chlorine levels, etc.

Product	Code	Description
	WIFIPX0100	Wifipool plug 16A power measurement.
	WIFIPX0110	Wifipool plug 10A power measurement.
	WIFIPX0010	Wifipool on/off smart switch without power measurement 16A.
	WIFIPX0020	Wifipool on/off smart switch with power measurement 16A.
	WIFIPX0188	Frequency regulator for filter pump 240V (up to 1.5kW)
	WIFIPX2355	Wifipool CONNECT GO measuring box for water treatment (pH / RX / Level x2-Flow), expandable to pH and chlorine control.
	WIFIPX2365	Wifipool CONNECT PRO measuring box (pH / RX / Temp x2, Level x2 - Flow), expandable for control of pH, RX and heating.
	WIFIPX2325	Wifipool module RX / flow / level incl probe Platinum + clamp saddle 50mm > ½ inch + probe gland + USB transformer plug 1 connection.
	WIFIPX2320	Wifipool module pH / flow / level incl probe + tapping saddle 50mm > ½ inch + probe gland + USB transformer plug 1 connection
	WIFIPX2311	Wifipool module TLF (2x temp / flow / level) incl temp probe + clamp saddle 50mm > ½ inch + temp probe gland + USB transformer plug 1 connection.

Salt Electrolysis



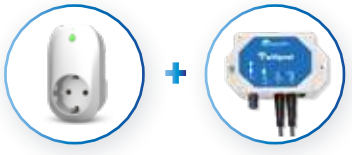
Smart plug + Rx module = Fully automated Salt Electrolysis

PH Dosing



Wi-Fi modified peristaltic pump + pH module = Fully automated pH Dosing

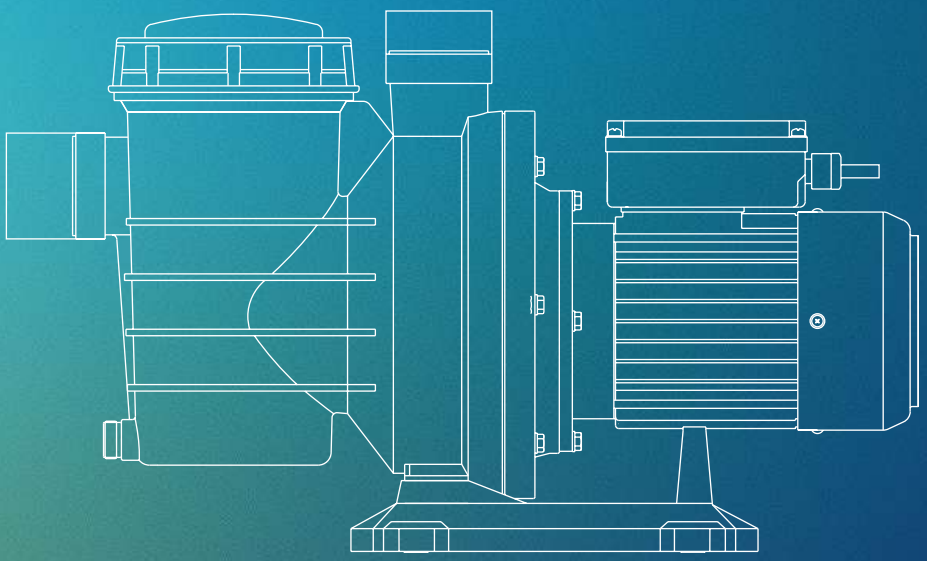
Pool Heating



Smart plug + TLF module = Fully automated Heat Pump

ATECPOOL

PUMPS



ATECPOOL
INTERNATIONAL
GROUP



PUMPS

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ATECPOOL VARIABLE SPEED PUMP



Atecpool Green Revolution

Working towards the green change

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.

Total adaptability, speed range from 1,200 RPM to 2,900 RPM. With the increment of 50 RPM the pump automatically sets to the point of maximum savings.

ATECPOOL INVERPRO PUMP

INVERTER PUMP

Energy Efficient Self Priming Pump

Save Money

Easy touch

Certified Technology

Settable Timer

Quiet Pump

Reduce CO_2 emmissions



ECO friendly

Save more than 80% in energy cost

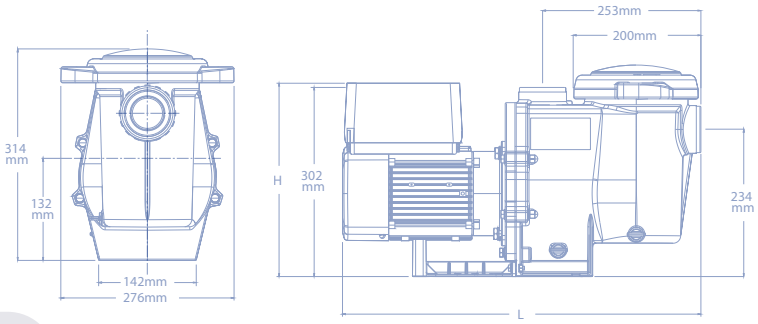
Ahorro de hasta un 80% de energía
Économie jusqu`a 80 % en énergie

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool InverPro
Inverter Pump



Atecpool InverPro Dimensions

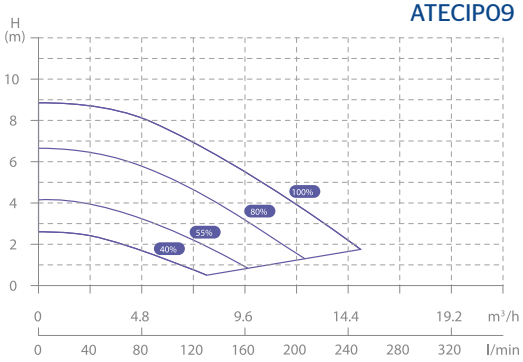


20% Quieter at full capacity

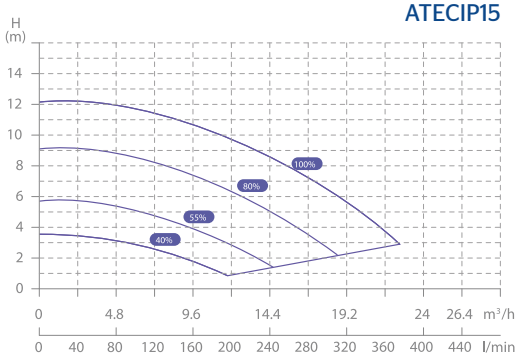
Equipped with Inverter technology, Atecpool InverPro is 20% quieter than other pumps in the market, down to 36.6 dB(A) at 1m.
Save Money: thanks to the Inverter Technology, the Atecpool InverPro pump consumes less energy than other pumps.

Performance graph

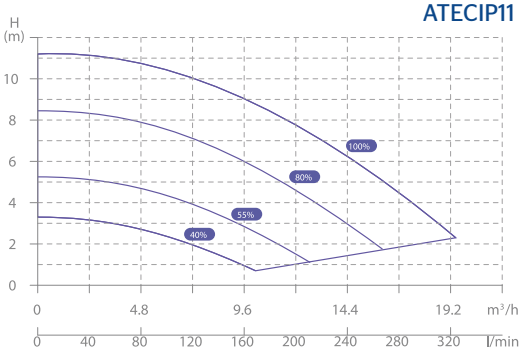
ATECIP09



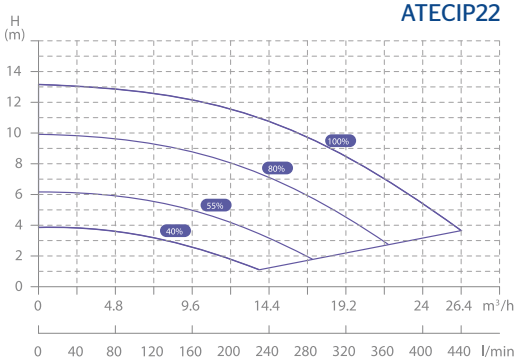
ATECIP15



ATECIP11



ATECIP22



Atecpool InverPro Pump

- Pre-filter with transparent lid in polycarbonate which allows easy observation of the pre-filter basket.
- Pump body made in polypropylene reinforced with fibreglass, 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: Ø60.3 / 63mm bush connections.

ECO friendly

Atecpool InverPro Specifications

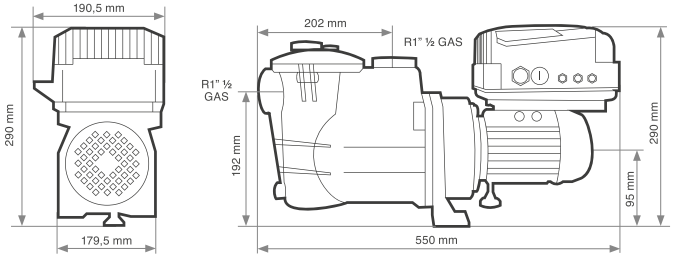
Model	Advised Pool Volume	Noise Level at 10m	Noise Level at 1m	Input Power (p1)	Voltage	Backwash		Flow (m³/h)			Connections
	(m³)	dB(A)	dB(A)	(kW)	(V/Ph/Hz)	Q max	H max	at 6m	at 8m	at 10m	(mm)
ATECIP09	20-30	16.6-29.0	36.6-49.0	0.04-0.35	220-240v 1ph	18.5	13.6	4.2-9.0			63
ATECIP11	25-40	17.7-30.4	37.7-50.4	0.07-0.5		23.5	17.5	9.6-15.0	4.5-11.5		63
ATECIP15	40-55	18.5-31.0	38.5-51.0	0.1-0.70		27.5	19.1	12.9-18.6	8.1-15.3	8.7-11.1	63
ATECIP22	60-80	20.0-33.1	40.0-53.1	0.14-1.0		32	21	13.5-23.1	12.0-20.1	10.9-16.5	63

Atecpool Solar Pump
Direct Connection to Solar Panels

Atecpool Solar Pump > The Green Revolution

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



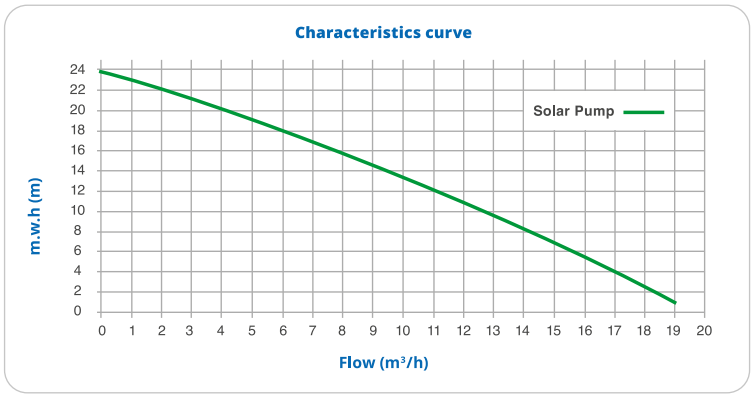


Atecpool Solar Pump Specifications

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

Pump materials

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



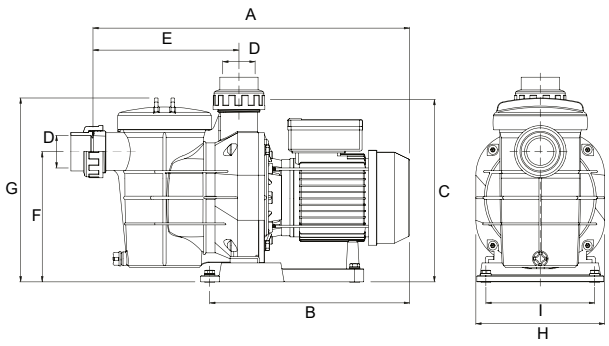


Atecpool Solar Pump

Model	Rated Frequency	Input Current	Input Voltage	Enclosure Rating	Motor insulation	Communication	Input	Output settings	In-out
	(Hz)								
ASOLAR100	48 - 62	11A PF:1	90-400VDC 1x90-265VAC	IP55 (NEMA-4)	Class F	RS485, MODBUS RTU protocol	4 analog inputs (10 or 15 VDC)	Two digital output N.O. or N.C.	1 ½"

Atecpool America
Self-priming pump

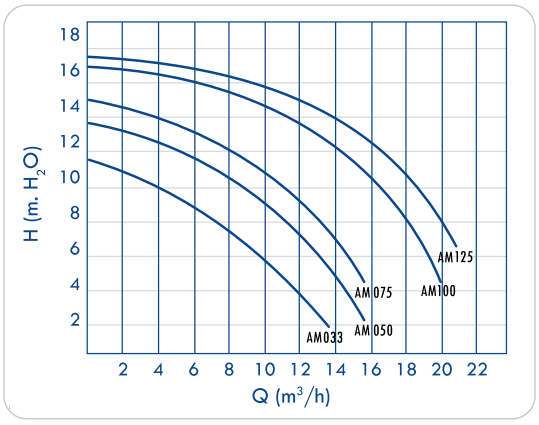




Atecpool America

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

Performance graphs

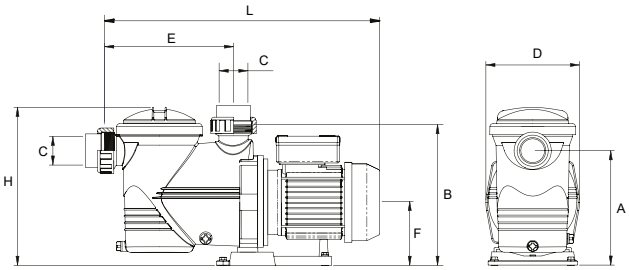


Code	Power		Manometric Height w.c.m.							
			2	4	6	8	10	12	14	16
	HP	kW	Flow m³/h							
AM033M	0,3	0,25	13	12	10	7	**4**	-	-	-
AM050M	0,5	0,37	-	15	13	11	**9**	5	-	-
AM075M AM075T	0,75	0,55	-	-	15	13	**11**	8	4	-
AM100M AM100T	1	0,75	-	-	19	18	**16**	14	11	6
AM125M AM125T	1,5	1,10	-	-	-	20	**19**	17	14	9

Code	Power		Dimensions									Weight	Volume
	HP	KW	A	B	C	D	E	F	G	H	I	kg	m³
AM033M	0.3	0.25	475	296	280	Ø 50	225	200	285	199	168	9.7	0.059
AM050M	0.5	0.37	475	296	280	Ø 50	225	200	285	199	168	10	0.059
AM075M AM075T	0.75	0.55	490	311	280	Ø 50	225	200	285	199	168	12	0.059
AM100M AM100T	1	0.75	490	311	280	Ø 50	225	200	285	199	168	12.5	0.059
AM125M AM125T	1.5	1.10	490	311	280	Ø 50	225	200	285	199	168	13.5	0.059

Atecpool Niagara
Self-priming pump

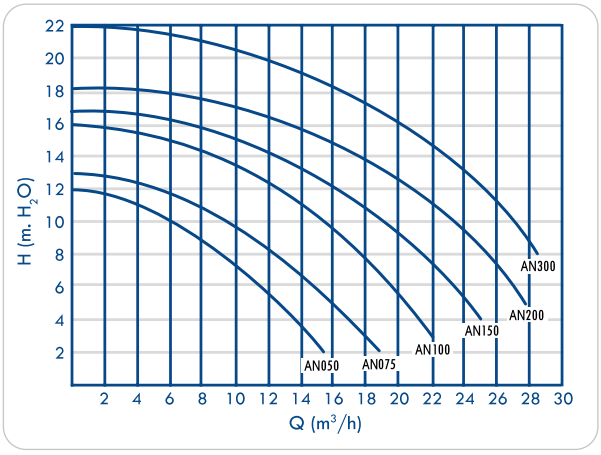




Atecpool Niagara

- Self-priming electric pump for swimming pools, with built-in pre-filter.
- Pre-filter with transparent lid in polycarbonate that allows easy observation of the pre-filter basket.
- The pre-filter is closed by means of a thread.
- Pump body made in polypropylene reinforced with fibreglass, resistant to the chemical products in the swimming pool.
- Pump body lid and diffuser in Noryl.
- Noryl impeller with shaft in stainless steel AISI 316L.
- Mechanical seal in graphite and ceramics.
- Motor shaft manufactured in stainless steel AISI 316L.
- Enclosed motor, totally silent, with IP-55 protection, at 3,000 rpm 230V - 50Hz single-phase or 230 / 400V - 50Hz three-phase.
- 60Hz upon request.
- Connections of suction and return at 2 ¾" for Ø 63 mm bush connections.
- Supplied with both mm and inch fittings.

Performance graph



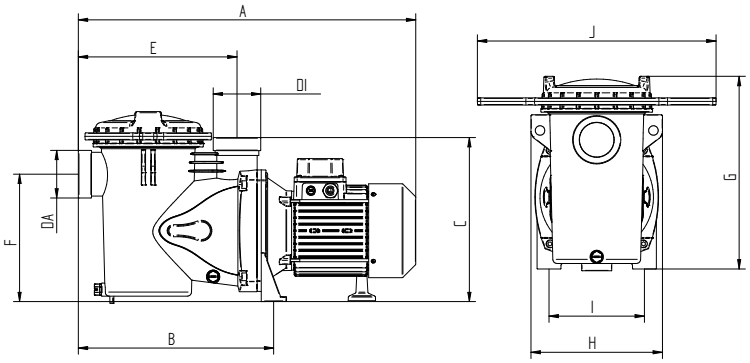
Code	Power		Manometric Height wcm										
			2	4	6	8	10	12	14	16	18	20	22
	HP	kW	Flow m³/h										
AN050M AN050T	0,5	0,37	15	14	11	9	**6**	-	-	-	-	-	-
AN075M AN075T	0,75	0,55	19	17	15	12	**9**	5	-	-	-	-	-
AN100M AN100T	1	0,75	-	21	20	18	**16**	12	9	-	-	-	-
AN150M AN150T	1,5	1,10	-	25	23	21	**19**	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 Malta
Self-priming Pump

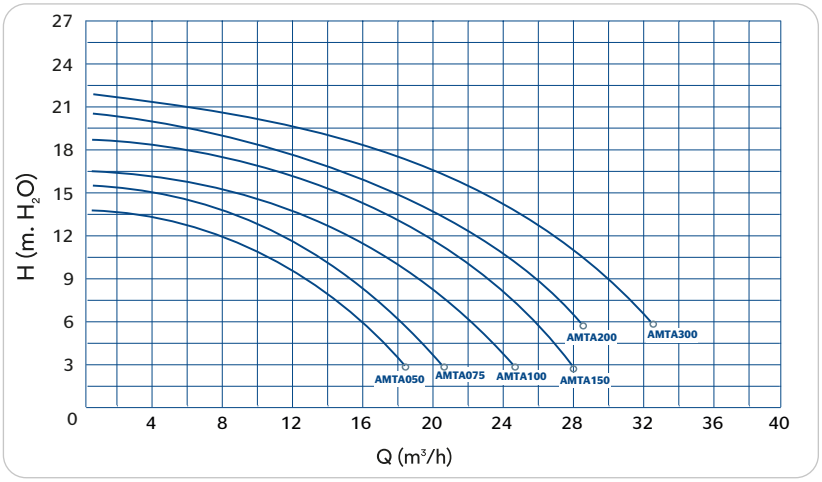
Atecpool Malta Pump





ENERGY EFFICIENCY IE3

Performance graph



Design Features

- Polypropylene + Fiberglass.
- AISI 316 stainless steel shaft
- Impeller in Noryl.
- Mechanical seal in graphite and ceramics.
- Polycarbonate prefilter.

Features

- Double connection, thread and fittings.
- 2" female thread, fittings glue DN63.
- Large pre-filter basket.
- Cataphoresis painting.
- Aluminium support base.
- Stainless steel screws AISI-304.
- IE3 Asynchronous motor at 2900 rpm (3450 rpm @ 60 Hz).
- Lubricated bearings for life.
- IP-55 grade, Class F Insulation.
- 60 Hz upon request

Code	Power		Manometric Height wcm										
			4	6	8	10	12	14	16	18	20	22	24
	HP	kW											
AMTA050M AMTA050T	0,5	0,37	17,7	16	14	**11,5**	8					-	-
AMTA075M AMTA075T	0,75	0,55	20	18,2	16,5	**14**	11	6				-	-
AMTA100M AMTA100T	1	0,75	24	22	20	**18**	15	11	5			-	-
AMTA150M AMTA150T	1,5	1,1	27,5	25,5	23,5	**21,5**	19	16	12	6		-	-
AMTA200M AMTA200T	2	1,5	-	28,2	26,5	**24,3**	22,5	19	15,2	11	3	-	-
AMTA300M AMTA300T	3	2,2	-	32,5	31	**29**	27	23	21	17	9,8	2	-

Type	HP	kW	I	II	III	A	B	C	E	F	G	H	I	J	DNI / DNA
			230	230	400					(mm)					
AMTA050M AMTA050T	0,5	0,37	4,2 -	- 3	- 1,7	542	332	278	270	216	322	220	160	400	D63 int 2"
AMTA075M AMTA075T	0,75	0,55	5 -	- 3,5	- 2	542	332	278	270	216	322	220	160	400	D63 int 2"
AMTA100M AMTA100T	1	0,75	5,5 -	- 3,8	- 2,2	542	332	278	270	216	322	220	160	400	D63 int 2"
AMTA150M AMTA150T	1,5	1,1	7,3 -	- 5	- 2,9	542	332	278	270	216	322	220	160	400	D63 int 2"
AMTA200M AMTA200T	2	1,5	9,2 -	- 6	- 3,5	572	332	278	270	216	322	220	160	400	D63 int 2"
AMTA300M AMTA300T	3	2,2	12,2 -	- 8,6	5	572	332	278	270	216	322	220	160	400	D63 int 2"

ATECPOOL PUMP EUROMAX & EUROMAX+

EFFICIENT PUMPS

Self Priming Pump

Save Money

Certified Technology



EUROmax+

ECO friendly

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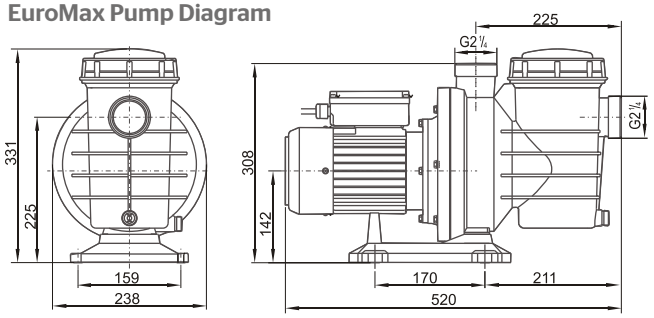
Atecpool EuroMax
Self-priming Pump

EUROmax



ECO friendly

EuroMax Pump Diagram



Atecpool EuroMax

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.

Atecpool EuroMax Specifications

- Pump body made in polypropylene reinforced with fibreglass, resistant to the chemical products in the swimming pool.
- Noryl impeller with shaft in stainless steel AISI 316L.
- Mechanical seal in graphite and ceramics.
- Enclosed motor, totally silent, with IP-55 protection, 2,900 rpm, 220-240V - 50Hz single-phase.
- Connections of suction and return at 2 ¼" for Ø50 mm bush connections.
- Suction and return unions D50 included



Atecpool EuroMax Pump Specifications

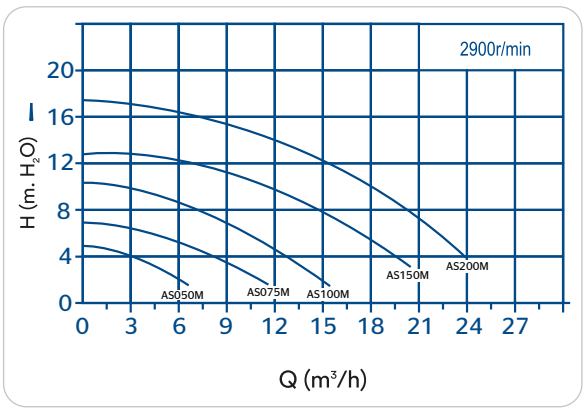
Code	Power		220-240V / 50Hz	Manometric Height w.c.m							
	kW	HP	A	2	4	6	8	10	12	14	16
				Flow (m³/h)							
AS050M	0,37	0,5	1,9	6	3	-	-	-	-	-	-
AS075M	0,55	0,75	2,7	11	8	4	-	-	-	-	-
AS100M	0,75	1	3,8	15	13	11	7	3	-	-	-
AS150M	1,1	1,5	5,8	-	19,5	17	15	12	7	-	-
AS200M	1,5	2	7	-	24	22	20	18	15	12	8

Working conditions

Water temp: 5 ~ 50°C

Ambient temp: <= 50°C

Performance graph

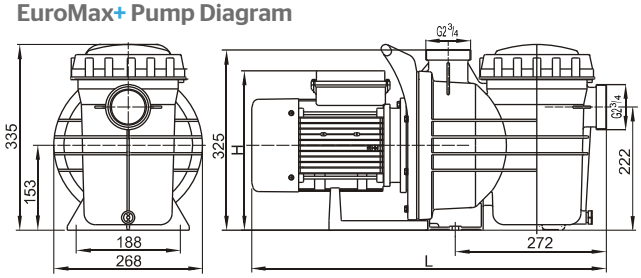


Atecpool EuroMax+
Self-priming Pump

EUROmax+



EuroMax+ Pump Diagram



Model	L	H
AS150SM	603	264
AS150ST	603	264
AS200SM	603	267
AS200ST	603	267
AS220SM	603	278
AS220ST	603	278
AS330SM	616	285
AS330ST	616	285

Atecpool EuroMax+

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.

Atecpool EuroMax+ Specifications

- Pump body made in polypropylene reinforced with fibreglass, resistant to the chemical products in the swimming pool.
- Noryl impeller with shaft in stainless steel AISI 316L.
- Mechanical seal in graphite and ceramics.
- Enclosed motor, totally silent, with IP-55 protection, 2,900 rpm, 220-240V - 50Hz single-phase or 380V - 50Hz three-phase.
- Connections of suction and return at 2 3/4" for Ø63 mm bush connections.
- Suction and return unions D63 included

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.

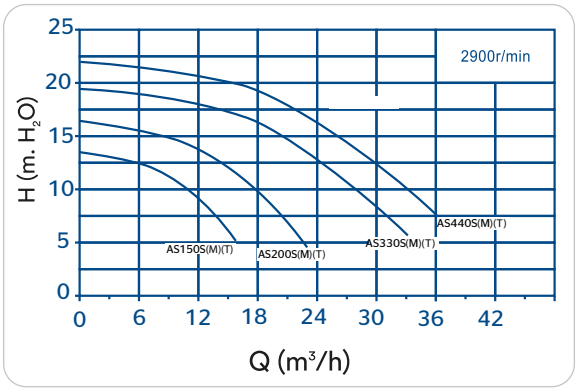


Atecpool EuroMax+ Pump Specifications

Code	Power		220-240V / 50Hz	380-415V / 50Hz	Manometric Height w.c.m							
	kW	HP	A (Mono Phase)	A (Tri Phase)	6	8	10	12	15	18	20	22
					Flow (m³/h)							
AS150SM	1,1	1,5	5,2	-	15	13	11	7	-	-	-	-
AS150ST			-	2,8								
AS200SM	1,5	2	7	-	22	20	18	15	9	-	-	-
AS200ST			-	3,4								
AS330SM	2,2	3	10	-	33	30	27,5	25	21	12	-	-
AS330ST			-	4,8								
AS440SM	3	4	14	-		35	33	30,5	26	21	15	3
AS440ST			-	6,9								

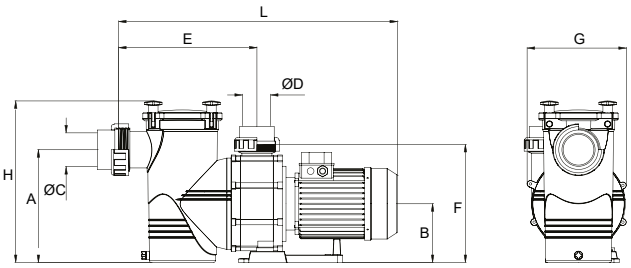
Working conditions: Medium temp: 5 - 50°C / Environmental temp: <= 50°C / Max. working presure: 0.3 Mpa

Performance graph



Atecpool Big Discovery
Self-priming pump

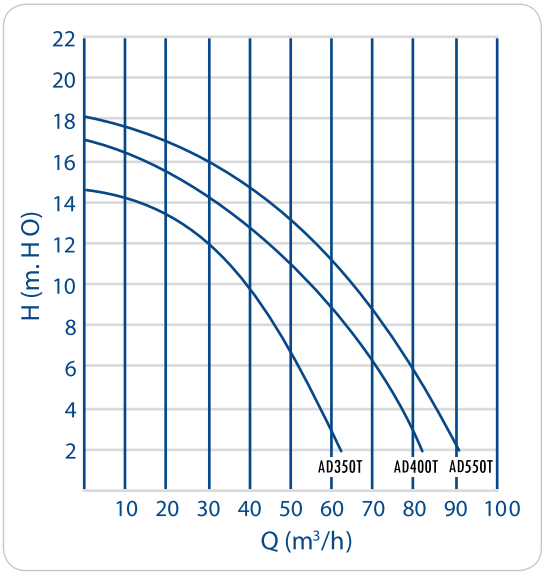




Atecpool Big Discovery

- Self-priming centrifugal electric pump for swimming pools, self-priming at 2 m.
- Built-in pre-filter with great capacity (8 litres).
- Noryl impeller. Bronze impeller on request.
- Pre-filter with transparent lid in polycarbonate which allows easy observation of the pre-filter basket. The pre-filter is closed with a an easily accessible knob system.
- Pump body made in polypropylene reinforced with fiberglass, resistant to the chemical products in the swimming pool.
- Mechanical seal in graphite and ceramics.
- Motor shaft manufactured in stainless steel AISI 316L.
- Motor with IP-55 protection, at 3.000 r.p.m., 230 / 400V - 50Hz three-phase (upon request 400 / 690V - 50Hz versions available).
- Possibility of 60Hz upon request.
- Suction connection Ø90 mm, return connection Ø75 mm. Both supplied with bush connections.

Performance graph

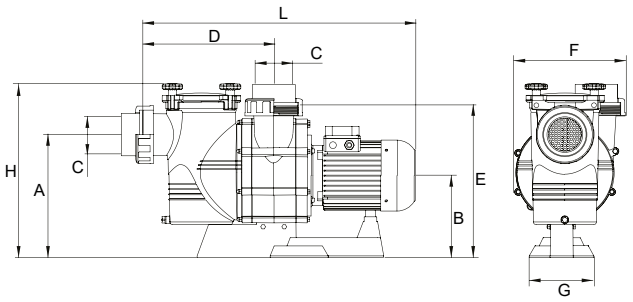


Code	Power		Manometric Height wcm								
			2	4	6	8	**10**	12	14	16	18
	HP	kW	Flow m³/h								
AD350T	3	2.2	62	57	51	46	**40**	30	13	-	-
AD400T	4	2.9	82	77	70	63	**55**	44	31	15	-
AD550T	5.5	4	91	85	80	72	**65**	56	45	30	3

Code	Power		Dimensions									Weight	Volume
	HP	kW	A	B	C	D	E	F	G	H	L	kg	m³
AD350T	3	2.2	300	160	Ø90	Ø75	368	320	264	431	713	24	0.1.2
AD400T	4	2.9	300	160	Ø90	Ø75	368	320	264	431	743	27	0.12
AD550T	5.5	4	300	160	Ø90	Ø75	368	320	264	431	743	29	0.12

Atecpool Aeres
Centrifugal Pump

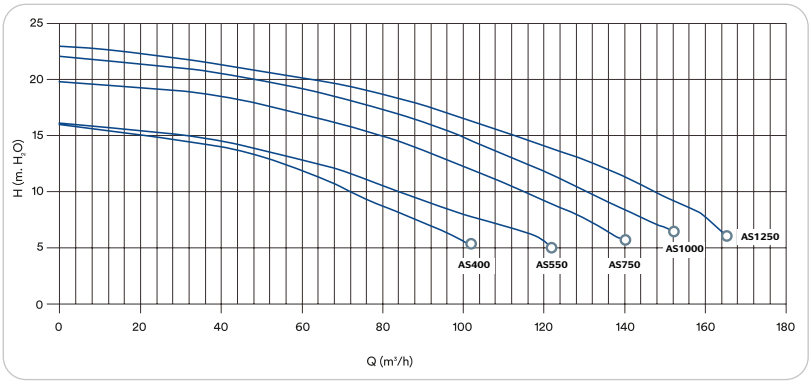




Atecpool Aeres

- High flow plastic pumps.
- Pre-filter with transparent lid in polycarbonate which allows easy observation of the pre-filter basket. The pre-filter is closed with with a an easily accessible knob system.
- Pump body and pre-filter made in polypropylene reinforced with fibreglass, resistant to the chemical products in the swimming pool, guaranteed to last.
- Bronze impeller.
- Motor shaft manufactured in stainless steel AISI 316L.
- Pre-filter basket in stainless steel too.
- Motors with IP-55 protection, at 3,000 rpm, 230/400V-50Hz or 400/690V - 50Hz (7.5, 10 and 12.5 HP) three-phase.
- 60 Hz upon request.
- Possibility of AISI 316L stainless steel impellers upon request.
- Suction and return unions Ø90 mm (4 HP) or Ø110 mm (5.5HP - 12.5HP) included.

Performance graph





Bronze impeller

Code	Power		Manometric Height wcm								
			5	8	**10**	12	14	16	18	20	22
	HP	kW	Flow m³/h								
AS400	4	2.9	102	86	**72**	60	40	-	-	-	-
AS550	5.5	4	122	100	**84**	70	48	4	-	-	-
AS750	7.5	5,5		128	**116**	102	88	72	48	-	-
AS1000	10	7,4		143	**131**	120	106	92	74	48	-
AS1250	12.5	9.2		160	**148**	136	122	106	88	62	28

Code	Power		Dimensions									Weight	Volume
	HP	kW	A	B	C	D	E	F	G	H	L	Kg	m³
AS400	4	2.9	375	255	Ø90	405	470	330	200	535	820	46	0.252
AS550	5.5	4	375	255	Ø110	405	470	330	200	535	840	51	0.252
AS750	7,5	5.5	375	255	Ø110	405	470	330	200	535	840	57	0.252
AS1000	10	7.4	375	255	Ø110	405	470	330	200	535	910	68	0.252
AS1250	12.5	9.2	375	255	Ø110	405	470	330	200	535	955	72	0.252

Atecpool F-GIANT
Centrifugal pump

Atecpool F-GIANT



ENERGY EFFICIENCY IE3

2,900 RPM

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

Materials Cast Iron Version

Pump housing: PP 30% FG

Impeller: Polypropylene with FG or Bronze

Prefilter: Polypropylene 30 % FG

Prefilter Cover: Polypropylene

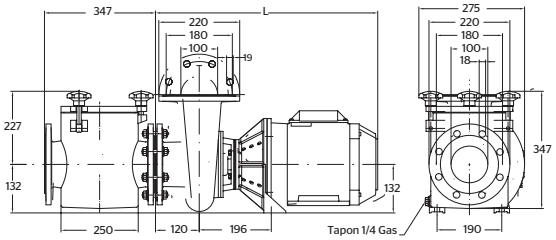
Screws: Stainless Steel AISI 316

Shaft: Stainless Steel AISI 316L

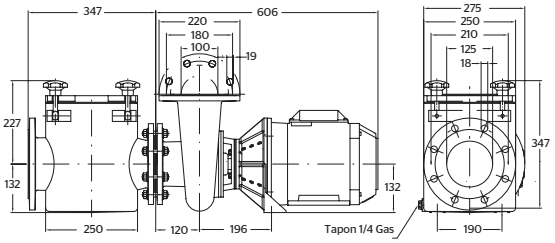
Mechanical Seal: Carbon + Resin - Ceramics

Preilter basket: Stainless Steel AISI 304

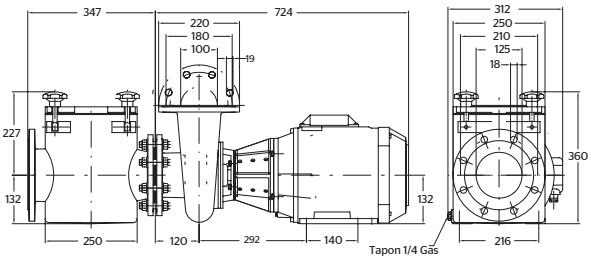
F-GIANT 17/18



F-GIANT 19



F-GIANT 20 / 21 / 22



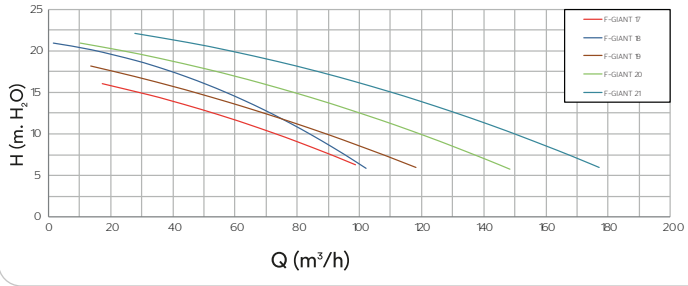
Atecpool F-GIANT is the first high flow rate pump, entirely built in plastic providing the best hydraulic performances in the market. Equipped with a one piece helical plastic impeller developed with innovative technology. Eco-friendly and sustainable, especially recommended for large aquariums due to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

Atecpool F-GIANT Specifications

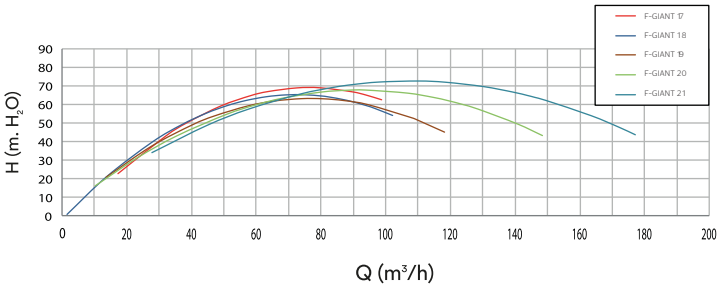
- High efficiency motor class IE3 according to regulation ECn° 640/2009
- Insulation Class: F
- Waterproof: IP55
- High quality mechanical seal
- Flow rate: up to 180 m³/h
- Voltage: 230/400V or 400/690V
- Motor: 50Hz / 2900 rpm
- Available also at 60Hz
- Full material removable and recyclable.
- Polypropylene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

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

Performance graph

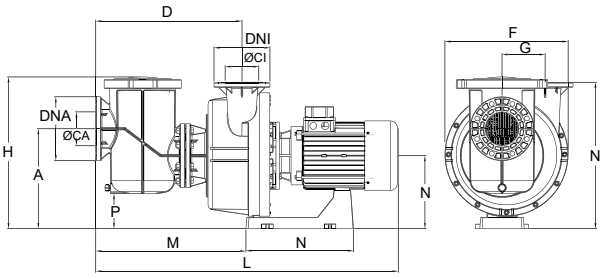


Efficiency graph



Atecpool Thamesis
Centrifugal pump

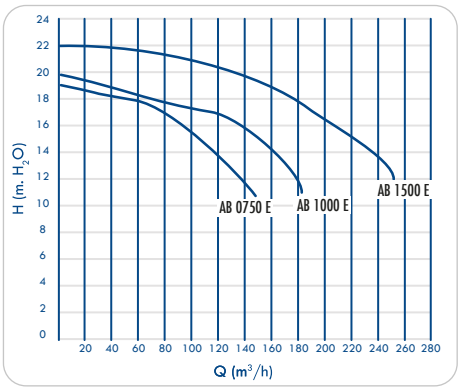




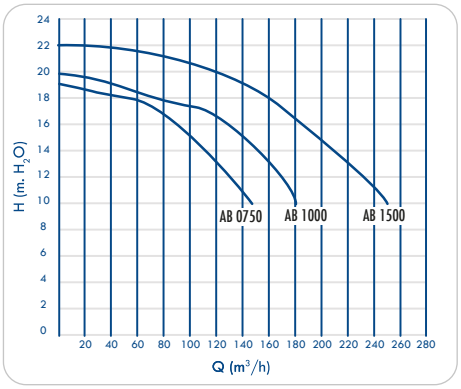
Atecpool Thamesis Specifications

- 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.
- Available versions: 7.5HP / 10HP / 15HP.
- Standard drive shaft compatible with all motor manufacturers.
- Motors with IP-55 protection enclosure operating at 1,500 rpm (III Phase).
- Motors classified as premium or high efficiency (IE3 or IE2).
- AISI-316 (A4) grade stainless steel nuts and bolts.

Performance graph w/o prefilter



Performance graph w/ prefilter



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

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

Atecpool AFN
Self-priming Centrifugal pump

Atecpool AFN





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

Atecpool AFN Specifications

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

Materials Cast Iron Version

Pump housing and diffuser: cast iron

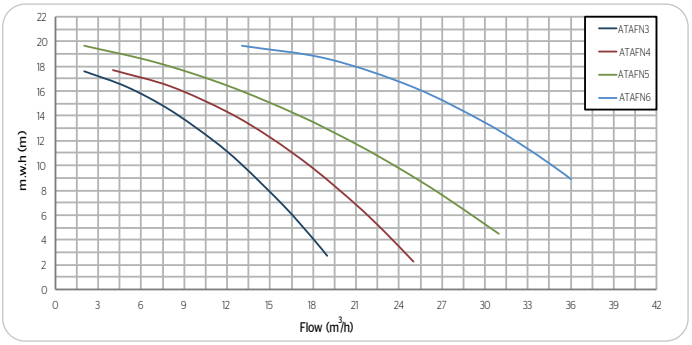
Pre-filter basket: polypropylene

Impeller: brass

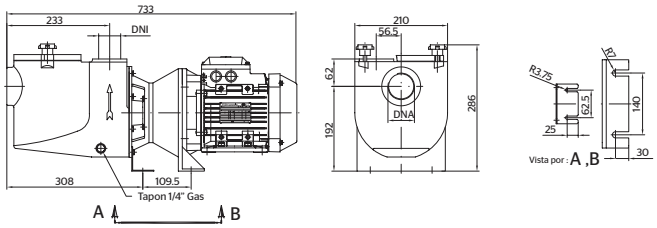
Shaft: stainless steel AISI 316

Mechanical Seal: carbon + resin - ceramics

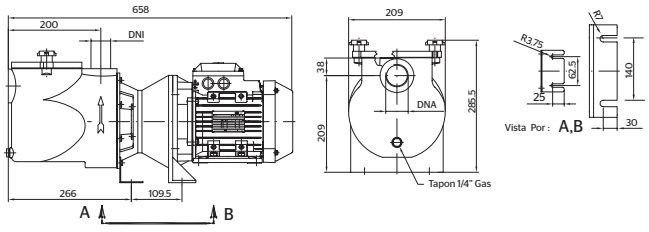
Performance graph



ATAN5 - 7



ATAN3 - 4



Code		Power		Capacity	II 230V	III 230/400V		Manometric height w.c.m								DN		Weight Kg
		HP	KW	µF	A	A	2	4	8	10	12	14	16	18	20	IN	OUT	
								Flow m³/h										
ATAFN3	ATBR-3	1	0,75	100/25	4,9	2,9	1,6	19,0	17,5	15,5	13,1	10,7	8,0	5,0	1,8	-	1 1/2"	1 1/2"	26,5
ATAFN4	ATBR-4	1,5	1,1	100/30	7,0	4,0	2,3	25,0	23,0	20,7	18,0	14,8	11,6	8,0	4,0	-	1 1/2"	1 1/2"	30,5
ATAFN5	ATBR-5	2	1,5	200/40	9,4	5,3	3,1	-	30,5	26,5	24,0	20,5	16,5	12,0	7,0	1,5	2"	2"	35,8
ATAFN6	ATBR-6	3	2,2	-	-	7,6	4,3	-	-	36,0	35,0	33,0	30,0	25,0	19,0	13,0	2" 1/2	2"	40,5

Atecpool FDN-3000
Centrifugal pump

Atecpool FDN-3000





2.900 R.P.M.

ENERGY EFFICIENCY IE3

Materials Cast Iron Version

Pump housing: Cast Iron
Impeller: Bronze / Aluminium
Screws: Stainless Steel AISI 316
Shaft: Stainless Steel AISI 316L
Mechanical Seal: Carbon + Resin - Ceramics

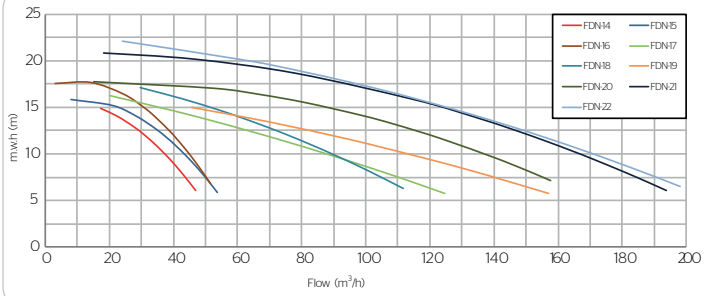
Atecpool FDN-3000 is a pool pump designed to offer the highest performance for the filtration and purification of water in commercial pools. All parts in contact with water are treated by long lasting cataphoresis. This treatment prevents the formation of troublesome oxides on cast iron pumps as the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

Atecpool FDN-3000 Specifications

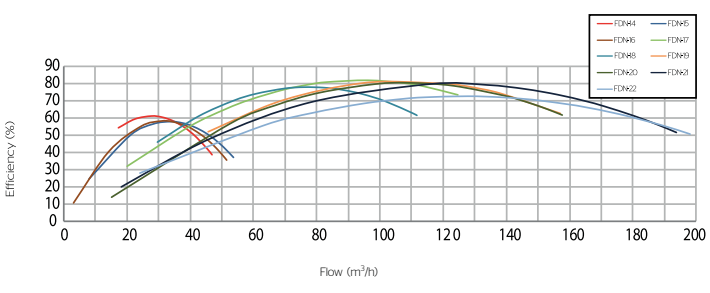
- High efficiency motor class IE3 according to regulation ECn° 640/2009
- Waterproof: IP55
- Flow rate: up to 190 m³/h
- Voltage: 230/400V or 400/690V
- Motor: 50Hz / 2900 rpm
- Available also at 60Hz
- Available in bronze for operation with salt chlorinators and sea water.

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

Performance graph

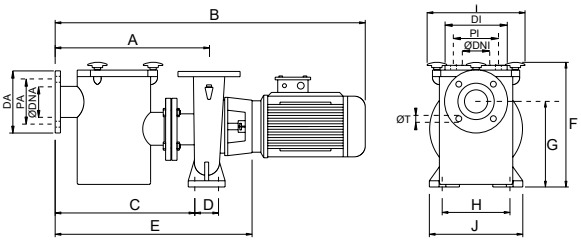


Efficiency graph



Atecpool Wave 3000
Centrifugal pump





3,000 RPM

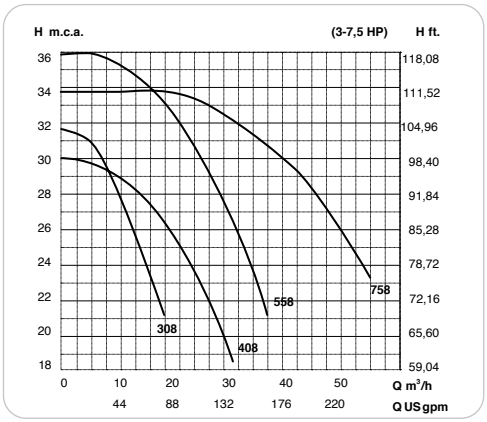
ENERGY EFFICIENCY IE3

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

Atecpool Wave 3000 Specifications

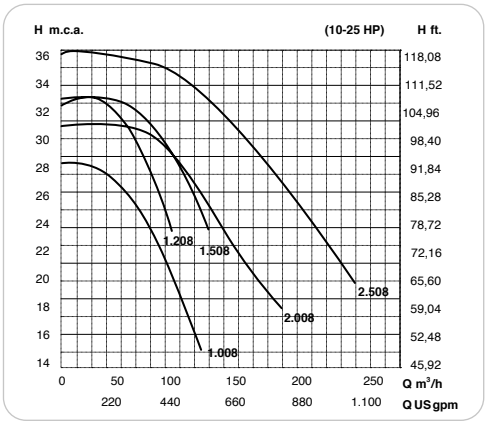
- Cast iron version: pump body, pre-filter, coupling in cast iron.
- Shaft and pre-filter sieve in AISI 316 stainless steel.
- Bronze impeller
- Mechanical seal in silicon carbide or tungsten carbon.
- Protection IP-55. 2 poles 50-60 Hz.
- Totally standard motor, allows the motor to be changed or repaired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

Performance graph



WAVE 3000 - (3 / 7,5HP)

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



WAVE 3000 - (10 / 25HP)

Code			"A"		Manometric height wcm								
	HP	kW	230V	400V	18	20	22	24	25	27	30	32	35
					Flow m³/h								
AHF2308	3	2,2	8.5	5.2	-	-	18	16	14	12	-	-	-
AHF2408	4	3	11.8	7.1	-	29	26	24	22	18	6	-	-
AHF2558	5.5	4	16.2	9.4	-	-	36	34	33	30	25	21	12
AHF2758	7.5	5.5	-	14.2	-	-	-	54	52	48	41	32	-
AHF21008	10	7,5	-	16.5	102	92	83	64	62	42	-	-	-
AHF21208	10	7.5	-	16.5	-	-	-	88	84	74	56	36	-
AHF21508	15	11	-	24.2	-	-	-	117	113	102	78	54	-
AHF22008	20	15	-	32	-	165	140	125	118	114	85	-	-
AHF22508	25	18.5	-	41.5	-	240	225	200	190	175	145	125	72

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

Atecpool FDN-1500-H
Centrifugal pump

Atecpool FDN-1500-H





ENERGY EFFICIENCY IE3

1,450 RPM

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.

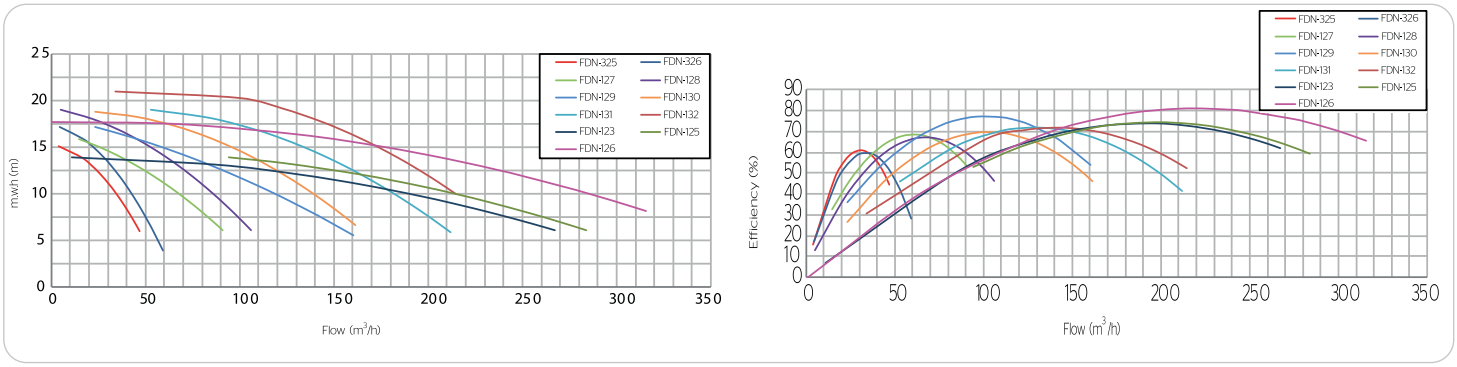
Materials Cast Iron Version

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 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.

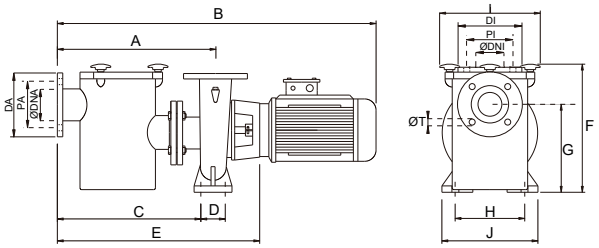
Performance & Efficiency graph



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

Atecpool Coral 1500
Centrifugal pump





1,450 RPM

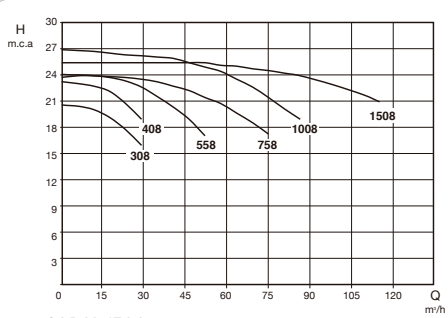
ENERGY EFFICIENCY IE3

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

Atecpool Coral 1500 Specifications

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

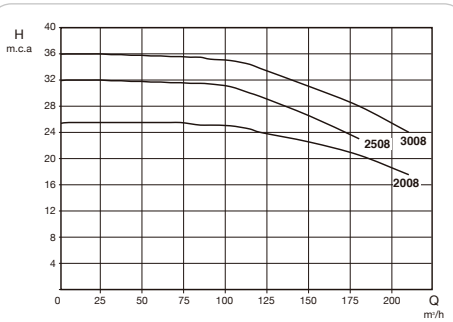
Performance graph



CORAL 1500

note:

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



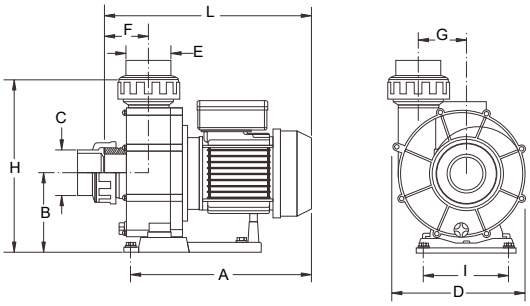
CORAL 1500

Code			"A"		Manometric height wcm								
	HP	kW	230V	400V	18	20	22	24	25	27	30	32	35
					Flow m³/h								
AHF4300	3	2.2	9.4	5.5	23	13							
AHF4400	4	3	12.5	6.9		27	19						
AHF4550	5.5	4	17	9.2	51	43	33						
AHF4750	7.5	5.5	23	12	75	64	50	12					
AHF41000	10	7.5	-	15.5		85	75	63	54				
AHF41500	15	11	-	21.8			110	90	72				
AHF42000	20	15	-	32		190	160	120	102				
AHF42500	25	18.5	-	41.5				170	160	140	120	30	
AHF43000	30	22.5	-	52				210	200	190	160	135	102

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

Atecpool Counter Current
Super-Quiet pump

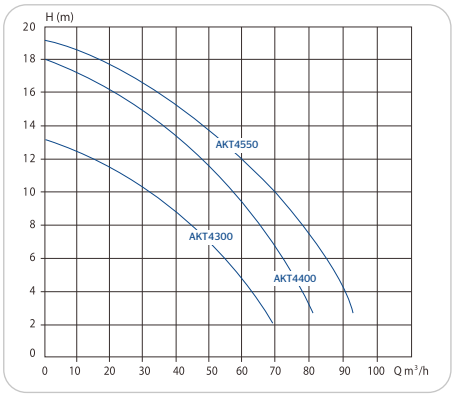




Atecpool Counter Current High-flow centrifugal pump.

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

Performance graph



note:
3 = AKT4300
4 = AKT4400
5 = AKT4550

Code	Power		rpm	Manometric height w.c.m.								Connection	
	HP	kW		6	8	10	12	14	16	18	20	DNA	DNI
				Flow m³/h									
AKT4300	3	2.2	**3,000**	55	44	31	12	-	-	-	-	75	75
AKT4400	4	2.9	**3,000**	73	66	58	49	36	21	-	-	75	75
AKT4550	5.5	4	**3,000**	86	79	70	60	49	34	16	-	75	75

Code	Dimensions										Packing Dimensions
	A	B	C	D	E	F	G	H	I	L	Weight kg
AKT4300	370	156	Ø75	260	Ø75	77	95	319	168	420	20.5
AKT4400	410	156	Ø75	260	Ø75	77	95	319	168	450	23.5
AKT4550	410	156	Ø75	260	Ø75	77	92	319	168	450	25.5

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

Code	A	HP	Weight	Volume
			kg	m³
AT173C	6.0 - 10.0 A	3.0 / 4.0 / 5.5 HP TRI	1.1	0.004



Atecpool Counter Current Nozzle
Counter current equipment

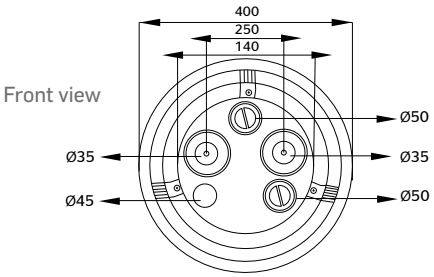
Atecpool Jet Stream Nozzle in stainless steel AISI 316

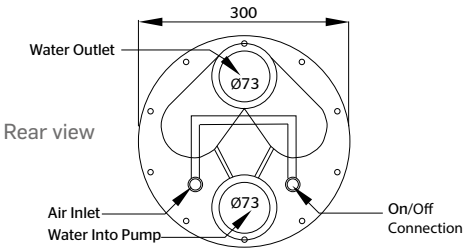


AT019S



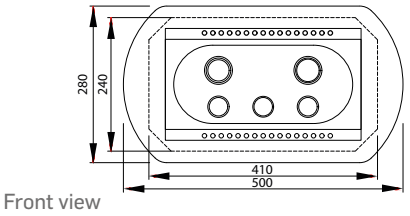
AT020S

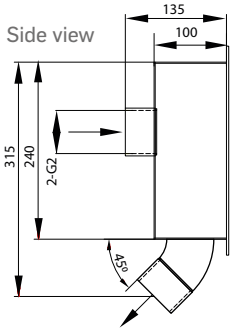




Atecpool Jet stream Nozzle in Stainless steel construction, highly competitive in hydraulic performance. The Jet swim pump is activated via the pneumatic switch. Wall mounted assembly with handle semi-circular, the regulator forces the impact of the water jet into nozzle of 35mm.

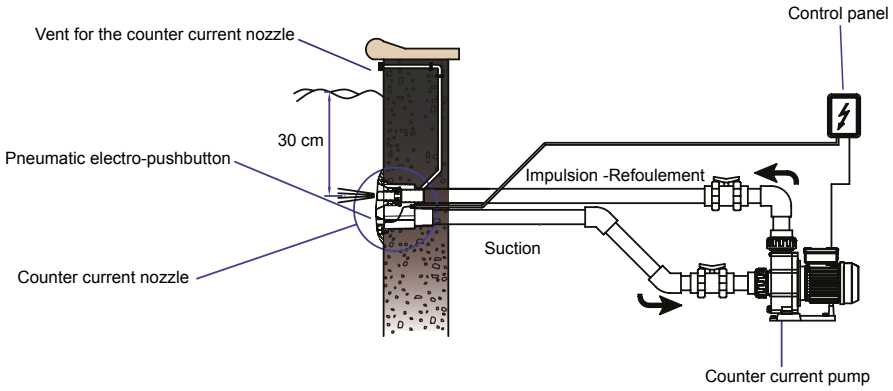
Installation of **Atecpool Jet Stream Nozzle** is hassle free with inlet outlet connections on the rear end. The center of the Jet stream housing must be 175 mm below the water surface. The stainless steel front plate is installed after the casting.



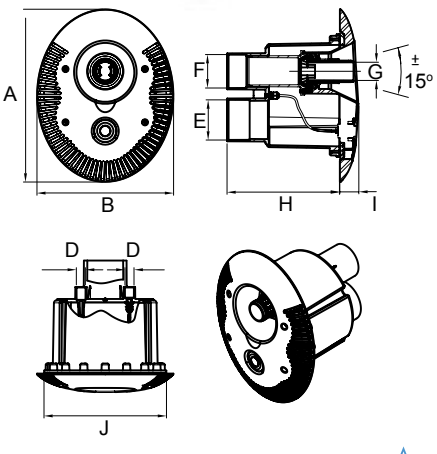


Code	Description	Dimensions	Pipe connection	Materials
		(mm)		
AT019S	Double Jet stream nozzle 35mmx2 - Round shape	Ø 313	2,5"	Stainless Steel AISI 316
AT020S	Double Jet stream nozzle - Rectangular shape	500x280	2,5"	Stainless Steel AISI 316

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





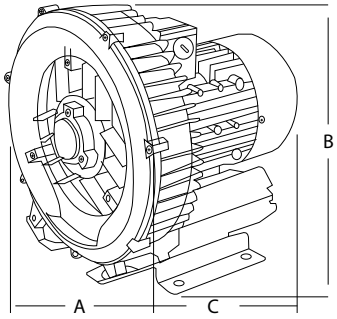


Code	Pool	Dimensions									Weight
		A	B	D	E	F	G	H	I	J	kg
AT034	Concrete	390	310	Ø 20.5	Ø 90	Ø 75	41	255	43.5	Ø 278	2.5
AT035	Prefabricated	390	310	Ø 20.5	Ø 90	Ø 75	41	255	43.5	Ø 278	2.5
AT036	Liner	390	310	Ø 20.5	Ø 90	Ø 75	41	255	43.5	Ø 278	2.5

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

Atecpool Air Blowers
Heavy Duty





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

Atecpool Air Blowers

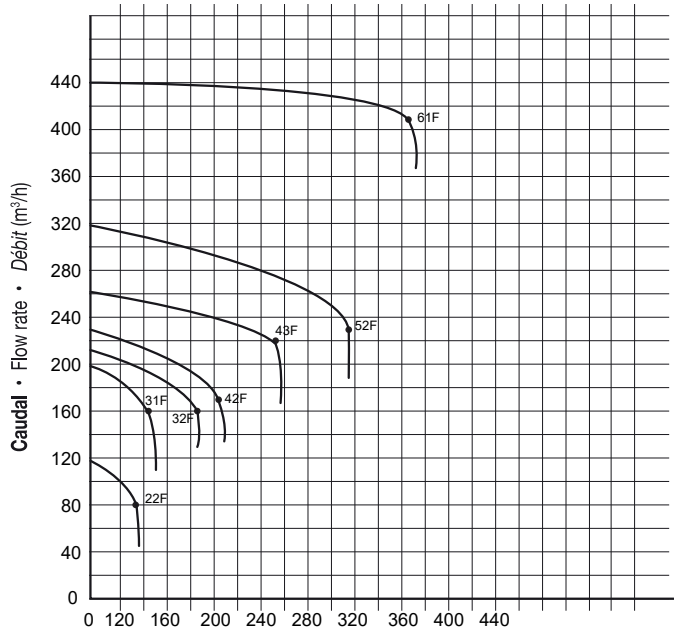
Pumps designed for bubble baths and swimming pools, water treatment, car drying, ventilation / dust removal, etc.

Atecpool Air Blower Specifications

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

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

Performance graph



Phase	Code	Curve	Output	Voltage	Max Flow	Max Pressure	Noise	Weight	Connection
			kW	V	(m³/h)	(mbar)	(dB)	kg	inch
Three Phase	AH140-850	22F	0.5	Δ 200-240 / Y 345 - 415	80	130	53	11	1 1/4"
	AH210-131	31F	0.75		145	160	63	16	1 1/2"
	AH210-161	32F	1.1		185	160	63	17	1 1/2"
	AH215-181	42F	1.3		210	170	64	22	2"
	AH315-301	43F	1.5		255	220	64	24	2"
	AH420-321	52F	2.2		318	230	69	28	2"
	AH505-380	61F	3		376	410	69	29	2"
Single Phase	AH80-400	22MF	0.5	230	80	130	53	11	1 1/4"
	AH140-131	31MF	0.75		145	160	63	16	1 1/2"
	AH210-151	32MF	1.1		185	160	63	17	1 1/2"
	AH215-171	42MF	1.3		210	170	64	22	2"
	AH315-221	43MF	1.5		255	220	64	24	2"

Atecpool Hydro Massage Pump
Whirpool Pump

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

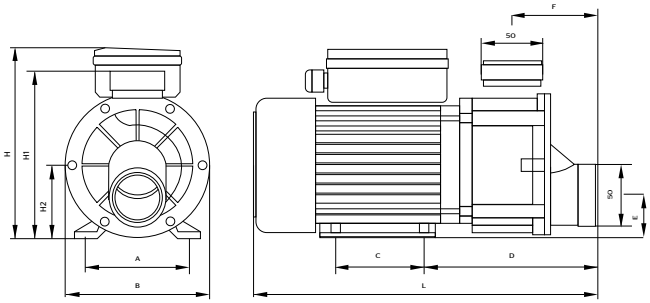
Atecpool Hydromassage pump is made for hot tubs in compliance with international safety standards on domestic appliances (IEC 335-1, IEC 34 and IEC 61-50). Wide range of flow rates and heights. The water is not in contact with any metal part of the pump, and this increases safety.



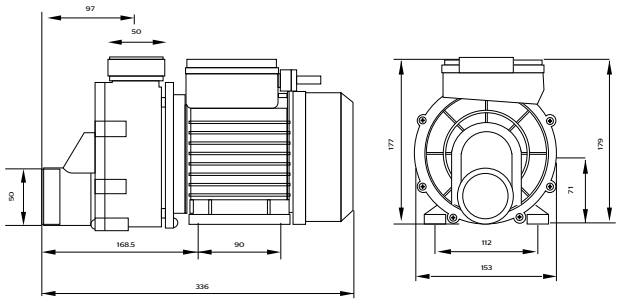
Atecpool Hydromassage Pump

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

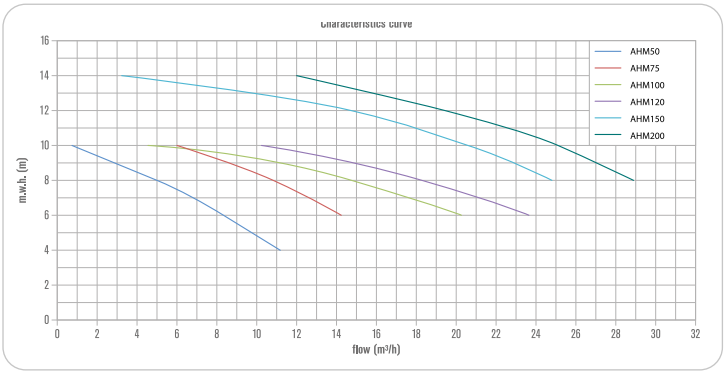
Atecpool Hydromassage Pump 50



Atecpool Hydromassage Pump 100/150



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



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

Atecpool Submersible Pumps
Vespa Series

Atecpool Vespa Series Submersible Pump

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



Vespa Series Plastic Body Pump Specifications

- 2,850 rpm
- Built-in thermal protector for single phase motor.
- Insulation class B/F.
- Pump body and pre-filter made in polypropylene reinforced with fibreglass.
- External Float Switch for automatic pump operation.
- Mechanical seal sets ceramic, graphite and rubber.
- Oil seal sets.
- Max liquid temperature 40°C.

Code	Power		Voltage / Hz	Max Submersion Depth	Max Flow	Max Grain Size	Max Temp of Liquid
	HP	kW		m	l/h	mm	°C
AVP750	1	0.75	230 V / 50Hz	4	13,000	35	40

Atecpool Vespa Series SS Submersible Pump

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



Vespa Series SS Body Pump Specifications

- 2,850 rpm
- Built-in thermal protector for single phase motor.
- Insulation class B/F.
- Pump body made in stainless steel.
- External float switch for automatic pump operation
- Mechanical seal sets ceramic, graphite and rubber
- Oil seal sets
- Max liquid temperature 40°C

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

Atecpool Prefilters
Cast Iron Series

Atecpool Prefilters Cast Iron

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

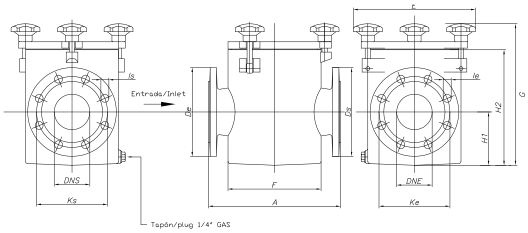
Atecpool Prefilters Specifications

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

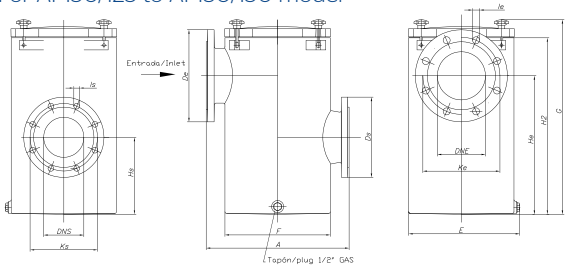




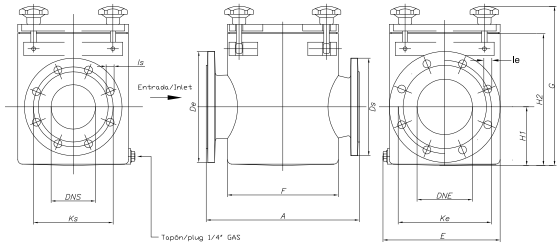

Dimensions for AF65/65 to AF100/100 model



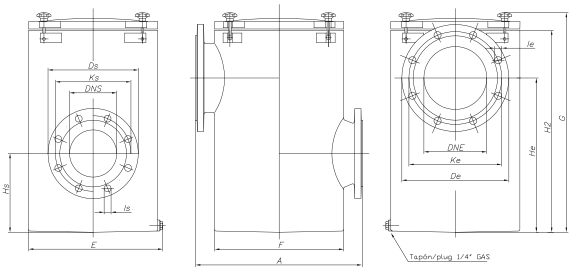
For AF150/125 to AF150/150 model



For AF125/100 to AF125/125 model



For AF200/150 to AF200/200 model



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

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

Atecpool Pool Controls
Electric panel with VFD

Atecpool VFD Control Panel

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



Atecpool VFD Control Panel Specifications

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

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

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

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

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

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

Atecpool VFD Control Panel

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

Atecpool Pool Controls
SmartSaver Frequency Inverter

Convert any pump to a variable speed pump

SmartSaver for smart savings

Frequency inverter is a device that converts 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, circulation.



SmartSaver added benefits

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

Save more than 80% in energy Cost

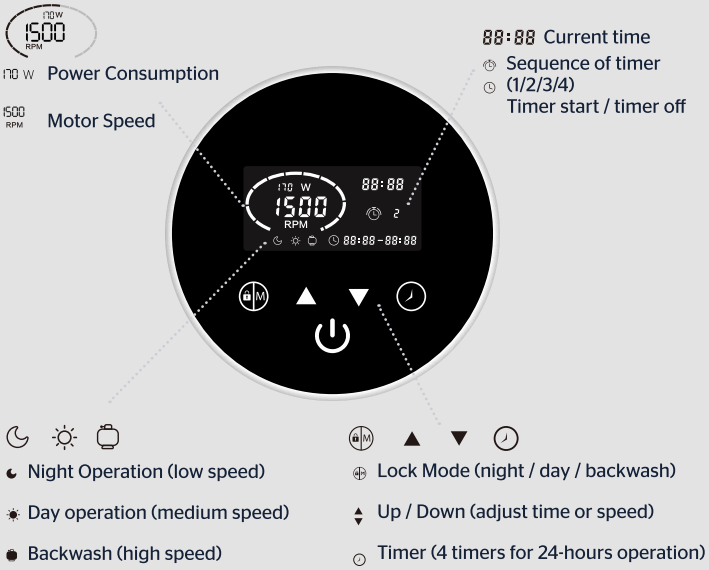
TÜV Rheinland CERTIFIED

ECO friendly

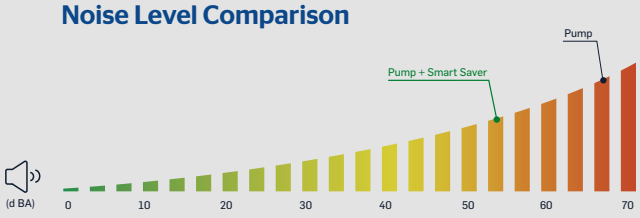
Atecpool SmartSaver Specification

Model	Operation Condition	Input Power	Input Voltage	Frequency	Output Voltage	Output Power	Output Current	Enclosure Rating	Pump Type	Speed Range
	(C°)	(AC)	(V)	(Hz)	(V)	(W)	(A)			(RPM)
SS100	-10 ~ 40°C	1ph AC	220V-240V	50 Hz	1ph, 0-240V	Max 1.1kW	Max 6A	IP65	1 phase	1200-2900
SS200	-10 ~ 40°C	1ph AC	220V-240V	50 Hz	1ph, 0-240V	Max 2.2kW	Max 12A	IP65	1 phase	1200-2900
SS103	-10 ~ 40°C	1ph AC	220V-240V	50 Hz	3ph, 0-240V	Max 1.1kW	Max 4.5A	IP65	3 phase	1200-2900
SS203	-10 ~ 40°C	1ph AC	220V-240V	50 Hz	3ph, 0-240V	Max 2.2kW	Max 8A	IP65	3 phase	1200-2900

Noise Level Comparison



Noise Level Comparison

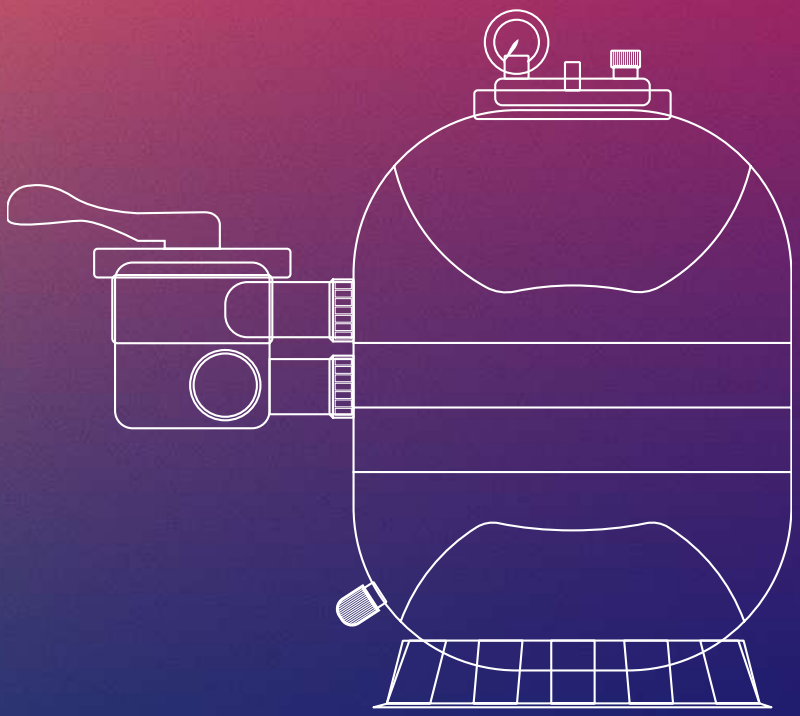


1. 80% Energy Savings
2. 80% sound level reduction
3. Improved filtration
4. 4 Timers for 24-hours operation
5. Longer Lifespan



ATECPOOL

FILTRATION



ATECPOOL
INTERNATIONAL
GROUP

atecpool.com



FILTRATION

ATECPOOL
INTERNATIONAL
GROUP

ATECPOOL
POOL FILTRATION



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

ATECPOOL Reg-X Regenerative Media Filter uses patented technology to uniquely provide 1 micron filtration performance, compared to the 30-40 micron particles removed in traditional sand or glass filters.

Reg-X Regenerative Media Filter is unique filtration technique based on a patented technology. Saving more water, chemicals, energy, and space compared to traditional sand and glass filters. 96% water savings during backwash and thanks to the fully automized self-cleaning mechanism, avoids all manual cleaning and maintenance for Reg-X filters.

ATECPOOL REG-X FILTER

REGENERATIVE FILTER

The next generation of filtering systems

Save Money

Easy touch

Patented Technology

Silent Operation



ECO friendly

The Green Way to Filter Water

El método verde para filtrar agua
La méthode verte pour filtrer l'eau

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Reg-X Filter
Regenerative Media Filter

1 micron filtration

AUTOMATIC SELF-CLEANING

Atecpool Reg-X Filter
Regenerative Media Filter



The Reg-X Regenerative Media Filter uses patented technology to uniquely provide 1 micron filtration performance, compared to the 30-40 micron particles removed in traditional sand or glass filters. Reg-X Regenerative Media Filter is unique filtration technique based on a patented technology. Saving more water, chemicals, energy, and space compared to traditional sand and glass filters.

36 m³/h TO **514** m³/h

Reg-X Regenerative Media Filter traps particles on the surface of its flexible tubes, coated with micronized perlite media, during the filtration cycle. When the perlite becomes loaded, Reg-X triggers self-cleaning mechanism, a completely automated process, patented technology, avoiding complicated cleaning and maintenance operation, unlike similar regenerative filters in the industry. Reg-X stands for filtration performance to 1 Micron to provide the best water clarity and energy, water and space savings.

ECO friendly

96% water savings during backwash and thanks to the automated self-cleaning mechanism, avoids all manual cleaning and maintenance for Reg-X filters.

SAVINGS OF 96% IN WATER

Atecpool Reg-X Filter Specifications

- Working pressure: 2.5 Bar
- Testing pressure: 4.0 Bar.
- Built in Fiberglass Reinforced Polyester (FRP).
- No bumping or hammering.
- Hoses made with AISI316 stainless steel core covered with high tenacity polymer fiber. EPDM gaskets.
- Patented automatic self-cleaning and rinse system.
- Patented automatic active perlite regeneration system without vibrations or impacts.
- Automatic perlite coating system.
- Control panel with SIEMENS S7 PLC, display and control screen (HMI SIEMENS 7"), instrumentation and sensors.
- Supply of high performance blower pump for regeneration system, and a vacuum machine for perlite loading.
- Polyethylene strainer for self-cleaning system.

Atecpool Reg-X Filter Specifications

Model	Diameter	Height	Filtration Area	Filtration Velocity	Flow rate	Perlite Weight	In / Out	Drain / Recirculation /Rinse	Weight	Operating Weight	Water Volume	Footprint
	(mm)	(mm)	(m²)	(m³/h/m²)	(m³/h)	(kg)	(mm)		(kg)	(kg)	(ltrs)	(m²)
RF-PRFV-620	620	1850	14.2	2.5	36	4	D125	2"	110	570	450	0.3
				4.5	64							
RF-PRFV-750	750	1900	21.8	2.5	54	6	D140	D75	160	850	675	0.44
				4.5	98							
RF-PRFV-900	900	1950	31.6	2.5	79	9	D160	D90	210	1230	1000	0.64
				4.5	142							
RF-PRFV-1050	1050	2050	50.1	2.5	125	15	D200	D110	275	1675	1375	0.87
				4.5	225							
RF-PRFV-1200	1200	2100	64.8	2.5	162	18	D250	D125	320	2205	1850	1.13
				4.5	292							
RF-PRFV-1400	1400	2200	90.7	2.5	227	27	D315	D160	450	3120	2625	1.54
				4.5	408							
RF-PRFV-1600	1600	2200	114.3	2.5	286	32	D315	D160	600	4085	3425	2.01
				4.5	514							

Atecpool Reg-Stark
Regenerative Media Filter



SS316L

ECO friendly

15 m³/h TO 540 m³/h



Installation site - Turtle Island, South Korea

Atecpool Reg-Stark AISI-316L Series
Stainless Steel Filter

Atecpool Reg-Stark AISI-316L Specifications

- Working pressure : upto 10 Bar
- Testing pressure: upto 12 Bar.
- Supply of a regenerative filter of micronized perlite filter media:
- RF-316L, flow rates between 15 and 540 m³/h at between 2.5 and 4.5 m³/h/m² filter rates, inlet/outlet D75-D315 mm, filter area of 6.0 to 120.0m², max. differential pressure 0.9 bar, perlite weight 2 to 32 kg.
- Built in AISI 316L stainless steel.
- No bumping or hammering.
- Hoses made with AISI316 stainless steel core covered with high tenacity polymer fiber. EPDM gaskets.
- Patented automatic self-cleaning and rinse system.
- Patented automatic active perlite regeneration system without vibrations or impacts.
- Automatic perlite coating system.
- Supply of the filter with its control panel, SIEMENS S7 PLC, display and control screen (HMI SIEMENS 7-inch), instrumentation and sensors.
- Supply of high performance blower pump for regeneration system, and a vacuum machine for perlite loading.
- Polyethylene strainers for self-cleaning and regeneration systems.

Savings are extreme with Reg-X Regenerative Media Filters

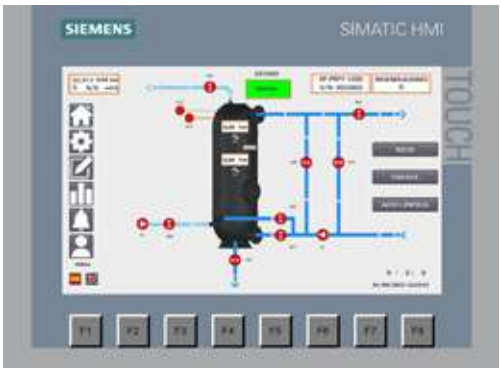
Reg-X facilitates pump room space savings due to the fact that minimum number of Reg-X filters or size provides the best filtration performance in comparison with many large traditional sand/glass filters. Reg-X filters can be 75% smaller in footprint than similar sized sand/glass filters. Savings related to plumbing, quantity of pumps and savings on chemicals makes Reg-X the most economic solution for water filtration.

Atecpool Reg Stark Filter Specifications

Model	Diameter	Height	Filtration Area	Filtration Velocity	Flow rate	Perlite Weight	In / Out	Drain / Recirculation /Rinse	Weight	Operating Weight	Water Volume	Footprint
	(mm)	(mm)	(m²)	(m³/h/m²)	(m³/h)	(kg)	(mm)		(kg)	(kg)	(ltrs)	(m²)
RF-316L-400	400	1800	6.0	2.5	15	2	D75	1 ½" Ball	260	440	180	0.13
				4.5	27							
RF-316L-600	600	1900	15.8	2.5	40	4	D125	2" Ball	330	750	420	0.28
				4.5	71							
RF-316L-800	800	1950	30.9	2.5	77	9	D160	D90	545	1315	770	0.5
				4.5	139							
RF-316L-1000	1000	2050	52.0	2.5	130	15	D200	D110	805	2075	1270	0.79
				4.5	234							
RF-316L-1200	1200	2100	68.2	2.5	170	18	D250	D125	1125	3025	1900	1.13
				4.5	307							
RF-316L-1400	1400	2200	93.0	2.5	232	27	D315	D160	1400	3880	2480	1.54
				4.5	418							
RF-316L-1600	1600	2200	120.0	2.5	300	32	D315	D160	1720	5260	3540	2.01
				4.5	540							

Atecpool Control Panel
For Reg-X and Reg-Stark

Control Panel for Atecpool Regenerative Filter

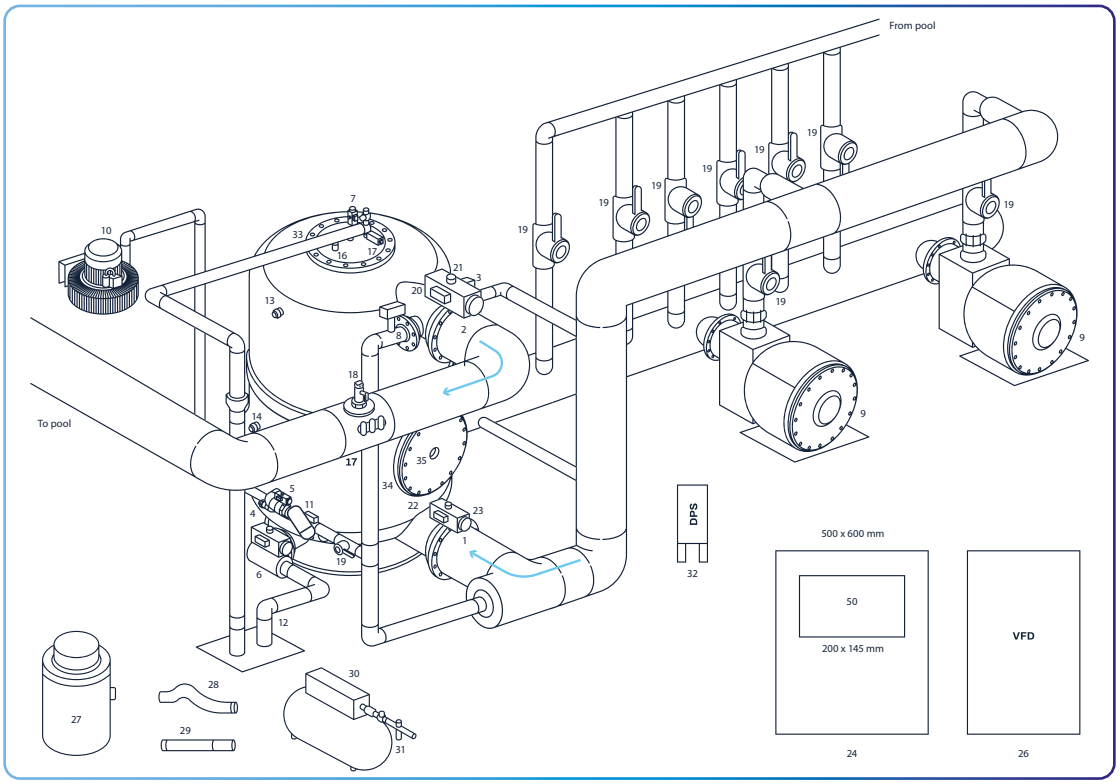


Wi-Fi connection

Reg-X Filter Highlights

- Filtration process: Vertical regenerative filtration with micronized perlite filter media, fully automated (except perlite filling), active regeneration system.
- Internal lining: Filter laminated with isophthalic polyester resin reinforced with fiberglass and internally painted with isophthalic top coat. Exterior coating with NPG isophthalic top coat.
- Internal separating plates in isophthalic resin with high chemical and mechanical resistance reinforced with fiberglass.
- Upper and front manholes: plates laminated with isophthalic polyester resin reinforced with fiberglass and painted with isophthalic top coat.
- Diffuser / Internal collector: PVC PN10 pipe with external connection to flat flange according to DIN-2576 PN-10 in PVC-U.
- Supplied with air purge valve (triple action valve), 1x level transmitter, 2x analog pressure transmitter, 1x analog flow transmitter, 1x differential pressure switch, 1x safety pressure switch, 1x control panel, 1x display touch screen (Siemens HMI control 7"), 1x blower pump, 1x vacuum cleaner for perlite filling, 2x polyethylene strainers for self-cleaning system.
- Maximum working temperature: 50ºC
- Operation with simple effect pneumatic valves (8) and 24VDC piloting.
- **Automated system (Patented):** This entire process is fully automatic, using pneumatic valves commanded by a PLC and operated with Display touch screen controls (Siemens HMI control 7")
- **Self-cleaning system**
- **Rinsing** system
- **Perlite active regeneration system** without impacts or vibrations (using pressurized air)
- Remote Access for monitoring and control
- System **without backwash**
- Filter rates between **2.5 and 4.5 m³/h/m²**

Installation scheme for Atecpool Reg-X Filter



Atecpool Reg-X Filter Specifications

1. EV1 Suction Head PV (pneumatic valve)
2. EV2 Impeller Head PV
3. EV3 Recirculation PV
4. EV4 Blower PV
5. EV5 Self-Cleaning PV
6. EV6 Drain PV
7. EV7 Air Bleed PV
8. EV8 Rinse PV
9. Pumps **(*)**
10. Blower Pump
11. Self-Cleaning System Strainer
12. Manual 2" Ball Valve
13. Vacuum Transfer Valve
14. Perlite Loading Valve
15. Triple Effect Suction Valve
16. Level Sensor (HLS & LLS)
17. Clamp Saddle
18. Flow Sensor (FT)
19. Manual Valves **(*)**
20. Pressure Sensor (PT2)
21. Connection to Differential Pressure Switch (DPS)
22. Pressure Sensor (PT1)
23. + Connection to Differential Pressure Switch (DPS)
24. Control Panel
25. 7" HMI
26. Variable Frequency Drive (VFD) **(*)**
27. Vacuum Transfer Unit
28. Vacuum Transfer Hose
29. Perlite Loading Hose
30. Air Compressor (8 bar, min. 10 litres) **(*)**
31. Water Separator **(*)**
32. Differential Pressure Switch (DPS)
33. Upper Manhole
34. Lower Manhole
35. Viewing Window

(*) = Not included

Atecpool Pneumatic Valves and Accessories
For Reg-X and Reg-Stark

Atecpool pneumatic actuator



Model	Description	Total units
		(per box)
H085DE	Pneumatic Actuator PVC EPDM	1

Atecpool Butterfly Valves
With pneumatic actuator / SE / EPDM



Model	Description	Total units
		(per box)
1009130	Butterfly Valve Pneumatic PVC EPDM D75	1
1009138	Butterfly Valve Pneumatic PVC EPDM D110	1
1009109	Butterfly Valve Pneumatic PVC EPDM D125	1
1009110	Butterfly Valve Pneumatic PVC EPDM D140	1
1009116	Butterfly Valve Pneumatic PVC EPDM D160	1
1009117	Butterfly Valve Pneumatic PVC EPDM D200	1
1009118	Butterfly Valve Pneumatic PVC EPDM D250	1
1009873	Butterfly Valve Pneumatic PVC EPDM D315	1

Atecpool Ball Valves
With pneumatic actuator / SE / EPDM



Model	Description	Total units
		(per box)
1009255	Ball Valve Pneumatic PVC EPDM 1"	1
1009230	Ball Valve Pneumatic PVC EPDM 1 1/4"	1
1009232	Ball Valve Pneumatic PVC EPDM 2"	1

Atecpool Air Blower



Model	Description	Total units
		(per box)
AH210-131	Air Blower 0.75 kW/145m³/hr 230V 160mbar	1

Air compressor



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

Vacuum Machine



Model	Description	Total units
		(per box)
BAY30	Vacuum Machine with longer tubes 1.2 kW	1

ATECPOOL FILTRATION

NEXT GENERATION OF FILTERING

The healthy core of a swimming pool

Water Care

High Quality

Great Finishing

Long life-span



ECO friendly

ATECPOOL INTERNATIONAL GROUP | atecpool.com

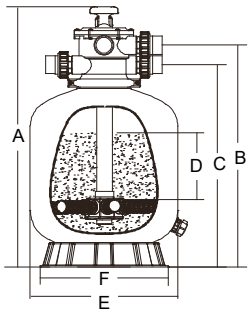
Atecpool Bobinados Plus
Bobbin Wound Filters

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
- Testing Pressure: 4 kg/cm².
- Max temperature of 50°C.
- Filters with 4Kg/cm2 working pressure can be made on request.
- Universal standard of union connection provided
- Suggested size of media: 0.5 - 0.8 mm
- Maximum filtration velocity: 50 m³/hr/m²
- Equipped with top multiport valve with 6-way functions.
- ABS Laterals.

ATECPOOL Bobinados Plus Clamp Style MPV

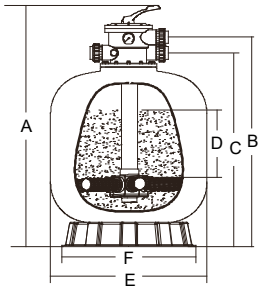




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	inches	kg
31350	350	4.5	1.5"	20
31400	400	6.5	1.5"	35
31450	450	8	1.5"	45
31500	500	11	1.5"	85
31650	650	16	1.5"	145
31700	700	20	1.5"	210

ATECPOOL Bobinados Plus Screw Type MPV





Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	inches	kg
31800	800	25	2.0"	355
31900	900	31	2.0"	470
32100	1000	39.50	2.5"	620
32200	1200	56.50	2.5"	860

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

Code	Filtration Area	Dimensions (mm)					
		A	B	C	D	E	F
	m²	mm					
31350	0.09	726	619	550	160	355	298
31400	0.13	757	640	590	175	410	390
31450	0.16	814	698	638	210	455	390
31500	0.22	845	730	670	235	535	500
31650	0.32	950	835	775	300	635	500
31700	0.40	1020	905	845	330	710	500
31800	0.50	1200	1085	1002	425	800	780
31900	0.64	1300	1172	1090	480	900	780
32100	0.79	1434	1410	1160	580	1000	780
32200	1.13	1634	1620	1368	740	1200	1000

These codes include the filter valve.

Recommended to be used with Activated Filtration Media

ECO friendly

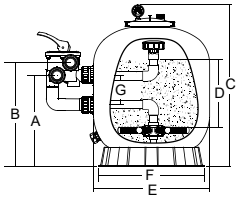
Atecpool Bobinados Plus
Bobbin Wound Filters

Atecpool Bobinados Plus Side Mounted Filter

- Bobbin-wound fiberglass reinforced tank with UV-resistant surface finish
- Transparent lid is designed for easy inspection of sand bed.
- Supplied with pressure gauge, manual air vent, water purge and multiport valve.
- Maximum working pressure: 2.5 kg/cm2
- Testing Pressure: 4 kg/cm2..
- Max temperature of 50°C
- Universal standard of union connection provided
- Suggested size of media : 0.5-0.8 mm
- Equipped with side multiport valve with 6-way functions.
- Maximum Filtration Velocity : 50 m3/hr/m2.
- ABS Laterals.
- Filters with 4Kg/cm2 working pressure can be made on request.

ATECPOOL Bobinados Plus Transparent Lid Model

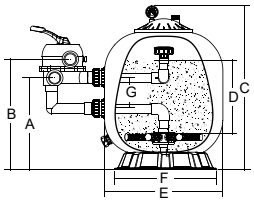




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	inches	kg
60450	450	8	1 1/2"	45
60500	500	11	1 1/2"	85
60650	650	16	1 1/2"	145
60700	700	20	1 1/2"	210

ATECPOOL Bobinados Plus Injected Lid with Bolts

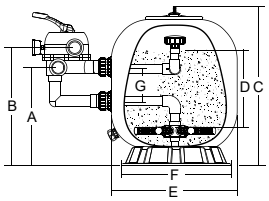




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m³/h	inches	kg
60702	700	20.5	2"	215
60800	800	26.5	2"	355
60900	900	30	2"	470

ATECPOOL Bobinados Plus Quick Closing Lid





Code	Diameter	Max Flow	Valve Connections	Sand	Gravel
	Ø mm	m³/h	inches	kg	kg
60902	900	33	2 1/2"	320	150
61000	1000	40.20	2"	420	200
61002	1000	41	2 1/2"	420	200
61200	1200	52.80	2"	610	250
61202	1200	58.50	2" 1/2"	610	250

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

Code	Filtration Area	Dimensions (mm)						
		A	B	C	D	E	F	G
	m^2	mm						
60450	0.16	360	420	730	210	455	390	125
60500	0.22	390	450	770	235	535	500	125
60650	0.32	430	490	850	300	635	500	125
60700	0.40	450	510	960	330	710	500	125
60702	0.41	520	606	890	390	723	500	220
60800	0.53	560	646	1050	425	820	780	220
60900	0.66	610	696	1180	480	920	780	220
60902	0.66	673	744	1180	380	920	780	236
61000	0.82	700	770	1220	580	1020	780	220
61002	0.82	773	844	1220	480	1020	780	236
61200	1.17	820	1005	1410	740	1220	1000	220
61202	1.17	836	1079	1410	640	1220	1000	236

These codes include the filter valve.

Recommended to be used with Activated Filtration Media

ECO friendly

Atecpool Blow Moulded
Electa Filter

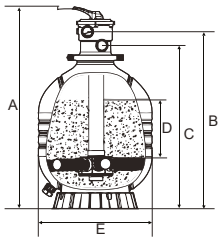
Electa Filter Specifications

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

- Unique one-piece clamp with screw-type lock designed to simplify installation and allow tool-free servicing.
- Maximum working pressure 2.5 bar
- Max temperature of 50ºC (122ºF)
- Universal Standard of union connection provided
- ABS lateral provided
- Suggested size of media: 0.5 - 0.8 mm
- Equipped with multiport valve with 6-way functions.
- Easy-to-read pressure gauge for easy inspection.
- Maximum Filtration Velocity : 50 $m^3/hr/m^2$.

Electa Top Mounted Sand Filters

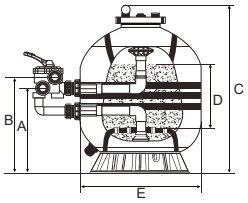




Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m^3/h	inches	kg
55450	450	7	1 1/2"	40
55510	510	10	1 1/2"	70
55610	610	14	1 1/2"	125
55700	700	18	1 1/2"	185
55800	800	23.5	2"	320
55900	900	30.5	2"	430

Electa Side Mounted Sand Filters





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

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

Code	Diameter	Valve Connection	Filtration Area	Dimensions				
				A	B	C	D	E
TOP MOUNTED	Ø mm	inches	m^2	mm				
55450	450	1 1/2"	0.14	816	695	625	195	450
55510	510	1 1/2"	0.20	889	772	712	225	510
55610	610	1 1/2"	0.28	980	860	800	280	610
55700	700	1 1/2"	0.36	1133	976	910	300	700
55800	800	2"	0.47	1178	1021	955	370	800
55900	900	2"	0.61	1296	1139	1073	440	900
SIDE MOUNTED								
51450	450	1 1/2"	0.14	354.4	417.5	670	195	450
51510	510	1 1/2"	0.20	396.3	549.3	760	225	510
51610	610	1 1/2"	0.28	429.5	492.5	825	280	610
51700	700	1 1/2"	0.36	459.5	545.5	946	300	700
51800	800	2"	0.47	508.0	594.0	968	370	800
51900	900	2"	0.61	564.0	650.0	1086	440	900

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

Recommended to be used with Activated Filtration Media

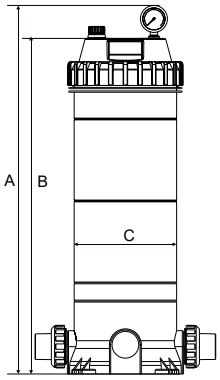
ECO friendly

Atecpool Cartridge Filter
PP & Fiberglass body

Atecpool Cartridge Filter

- Body made in PP and fiberglass.
- Complete with pressure gauge and manual air vent.
- Compact and light weight.
- Heavy duty ring-lock lid allows easy cleaning and replacement of the cartridge element.
- High Filtration Capacity.
- Screw type air bleeder for easy removal of trapped air inside the filter tank.
- Maximum water temperature: 40ºC
- Maximum operation pressure: 2.5 Bar.
- Filtration velocity of 1.8 $m^3/hr/m^2$



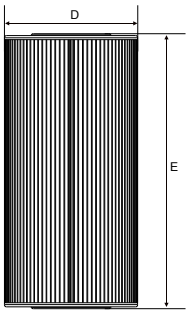


Code	Filtration area	Valve Connections	Max Flow Rate	Dimension (mm)		
	m^2		m^3/h	A (Height)	B	C
087510	2.25	1.5"	5.5	445	387	225
087511	4.63	1.5"	11.4	625	567	225
087512	7	1.5"	17.0	805	747	225
087513	9.4	2"	22.9	985	927	225
087514	13.72	2"	33.4	1165	1107	225
087515	166.82	2"	40.9	1345	1287	225

Atecpool Replacement Cartridge

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





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

Atecpool Bobinados Commercial
Bobbin Wound Filters

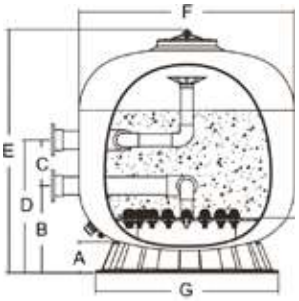
Atecpool Commercial Filter

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

- Olympic pools, semi-olympic pools, aquatic parks and water treatment.
- Maximum working pressure: 2.5 kg/cm^2.
  Filters with 4Kg/cm^2 working pressure can be made on request.
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration.
- Spiral cover system supports the operations of opening and closing.
- Filters supplied with flange connection from 3" to 8" for connection to a battery of 4/5 butterfly valves.
- For ozone applications, filters can be lined with vinyl-ester on demand.
- Standard internal distribution system: collector arms.
- The distance between the upper part of the sand layer and the diffuser head is increased to ensure greater distribution of water in the filtration phase and avoid sand spill into the laterals during backwashing.

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







Standard internal distribution system



Nozzle plate internal distribution system

Recommended to be used with Activated Filtration Media

ECO friendly

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

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







Options:

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

Maximum working pressure: 2.5 kg/cm^2 (4kg/cm^2 on request)

Testing pressure: 4kg / cm^2.

Operating Water Temperature: 1-50ºC

Note:

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

Atecpool Bobinados Commercial Plus
Bobbin Wound Filters

Filtration Bed 1 meter

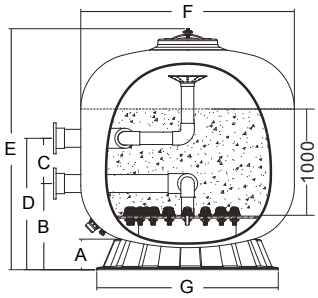
Atecpool Commercial Plus Filter

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

- Olympic pools, semi-olympic pools, aquatic parks and water treatment.
- Maximum working pressure: 2.5 kg/cm^2.
  Filters with 4 kg/cm^2 working pressure can be made on request.
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration.
- Spiral cover system supports the operations of opening and closing.
- Filters supplied with flange connection from 3" to 8" for connection to a battery of 4/5 butterfly valves.
- For ozone applications, filters can be lined with vinyl-ester on demand.
- Standard internal distribution system: collector arms
- The distance between the upper part of the sand layer and the diffuser head is increased to ensure greater distribution of water in the filtration phase and avoid sand spill into the laterals during backwashing.

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







Standard internal distribution system



Nozzle plate internal distribution system

Recommended to be used with Activated Filtration Media

ECO friendly

Code	Diameter	Filtration Velocity	Flow Rate	Flanges Connections	Filtration Area	Sand	Gravel
	Ø mm	m^3/h/m^2	m^3/h	inches	m^2	kg	kg
06851050	1050	30	25.8	3"	0.86	1105	265
		40	34.4				
06851200	1200	30	33.9	3"	1.13	1470	380
		40	45.2				
06851400	1400	30	46.2	4"	1.54	1980	410
		40	61.6				
06851600	1600	30	60.3	4"	2.01	2610	500
		40	80.4				
06851800	1800	30	76.2	6"	2.54	3310	620
		40	101.6				
06852000	2000	30	94.2	6"	3.14	4030	730
		40	125.6				
06852200	2200	30	114	8"	3.80	4940	1440
		40	152				







Options:

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

Maximum working pressure:
2.5 kg/cm^2 (4 kg/cm2 on request)

Testing pressure: 4kg / cm^2.

Max water temperature: 43ºC

Note:

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

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

Atecpool Baltico
1.2 mtr Bed Filter

Filtration Bed 1.2 meter



Atecpool Baltico

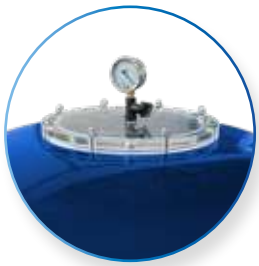
Commercial filters for public pools, made with industrial standards, reinforced fibreglass tank, UV resistant. Bottom with nozzles plate. Top lid and side lid of 400mm made in reinforced fibreglass. Equipped as standard with overpressure safety valve.

Atecpool Baltico Specifications

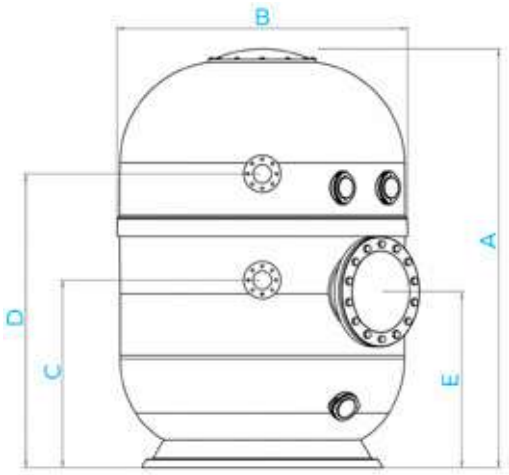
- Bed depth: 1,2 meter.
- Drain set dia 75mm. plug 1".
- PVC connection flanges.
- Filter with special ozone treatment available under request.
- OPTIONAL: 5 valves battery with PVC connections.
- OPTIONAL: sight glass FIMIR400 (2 units).
- OPTIONAL: side manhole FIBHL400.

Functions

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



Atecpool Baltico Filter dimensions



Atecpool Baltico Filter Specifications

Code	Ø	Connection	Filtration Area	Filtration Velocity	Max Flow	Dimensions (mm)					Gravel (1-2mm)	Sand (0.4-0.8mm)
	mm	mm	m²	m³/h/m²	m³/h	A	B	C	D	E	(Kg)	(Kg)
BTC105020	1050	63	0.87	20	17	2037	1050	917	1437	861	200	1320
BTC105034	1050	75	0.87	30-40	26-34	2037	1050	917	1437	861	200	1320
BTC105050	1050	90	0.87	50	43	2037	1050	917	1437	861	200	1320
BTC120023	1200	75	1.13	20-30	23-34	2037	1200	917	1437	861	250	1740
BTC120045	1200	90	1.13	40-50	45-56	2037	1200	917	1437	861	250	1740
BTC120055	1200	110	1.13	50	60	2037	1200	917	1437	861	250	1740
BTC140020	1400	75	1.54	20	31	2037	1400	917	1437	861	375	2460
BTC140030	1400	90	1.54	30	46	2037	1400	917	1437	861	375	2460
BTC140045	1400	110	1.54	40-50	62-77	2037	1400	917	1437	861	375	2460
BTC160020	1600	90	2.01	20	40	2037	1600	917	1437	861	500	2820
BTC160034	1600	110	2.01	30-40	60-80	2037	1600	917	1437	861	500	2820
BTC160050	1600	125	2.01	50	100	2037	1600	917	1437	861	500	2820
BTC180020	1800	90	2.54	20	51	2262	1800	932	1652	861	750	4020
BTC180030	1800	110	2.54	30	76	2262	1800	700	1652	861	750	4020
BTC180040	1800	125	2.54	40	102	2262	1800	700	1652	861	750	4020
BTC180050	1800	140	2.54	50	125	2262	1800	700	1652	861	750	4020
BTC200020	2000	110	3.14	20	63	2262	2000	700	1652	861	1000	5160
BTC200030	2000	125	3.14	30	94	2262	2000	700	1652	861	1000	5160
BTC200040	2000	140	3.14	40	125	2262	2000	700	1652	861	1000	5160
BTC200050	2000	160	3.14	50	157	2262	2000	700	1652	861	1000	5160

Atecpool Inox AISI 316
Stainless Steel Filter

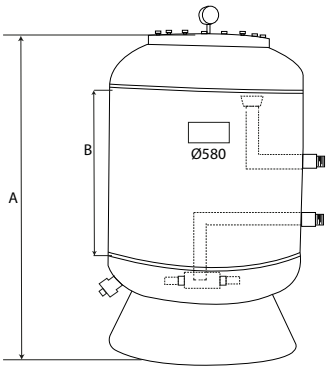
Atecpool Zodiac Stainless Steel AISI 316 Filter

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



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

Code	Diameter Ø	Flow Rate (m³/h)	Filtration Area m²	Valve Connection	Sand	Dimensions (mm)	
	mm	m³/h	m²	inch	kg	A	B
77500	580	13	0.26	2"	150	950	500
78900	900	31	0.66	2"	500	1343	750

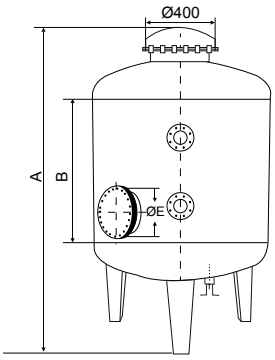


Atecpool Classic Stainless Steel AISI 316 Filter



Atecpool Classic Stainless Steel AISI 316 Filter

- Made from high-quality stainless steel AISI 316.
- SS316L (marine grade) upon request.
- Maximum working pressure: 3 kg/cm² / stainless steel sheet thickness (T) 3 mm
- Upto 10 bar or higher pressure upon special request
- Inlet / Outlet : Flange type
- Top lid: DN400, silicon gasket with screws
- Side manhole: DN 300 , silicon gasket with screws
- Leg: 3 legs / Drain port 89 mm
- Water distribution : Laterals
- Manual air release valve 1" , auto air release on request.







Options:

- Air purge: 20mm
- Sight glass: 114mm
- Side manhole: DN 300

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

Code	Diameter Ø	Flow Rate (m³/h)	Filtration Area m²	Flange Connection	Sand	Dimensions (mm)		
	mm	m³/h	m²		kg	A	B	E
781200	1200	57	1.13	3" flange	1550	2110	1225	Ø300
781400	1400	78	1.54	4" flange	2260	2230	1225	Ø300
781600	1600	101	2.01	4" flange	3100	2410	1230	Ø300
781800	1800	127	2.54	6" flange	3850	2470	1230	Ø300
782000	2000	157	3.14	6" flange	5000	2490	1235	Ø300

Atecpool Valve Manifold
Manual or Automatically driven

Atecpool Manual Valve Manifold

A Manual Valve Manifold for commercial filter applications, fitted with PVC pipes and fittings. Butterfly valves or ball valves in PVC. Comes with double glass pressure gauge.

All manual or automatically driven valve manifolds are made with flanges for connections to filters as per DIN-2501 standard.

All manifolds are supplied assembled without support brackets.





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



Atecpool Automatic Valve Manifold

Automatic valve manifold sets are delivered completely assembled including a manometer panel with testing valves and the pipe supports (pipe supports are only supplied for filters with connections larger than 90 mm).

Supplied with automatic PVC butterfly valves with **electric** or **pneumatic** actuator.

Control panel for valve manifold to be used with electrically or pneumatically actuated valves. Fitted within the control panel, automatic programming installation that allows the execution of automatic filtration, backwashing, rinsing and shut-down operations. Control panel supplied together with automatic valves. 230 V single phase with factory programmed automation.

Each valve battery consists of 5 butterfly valves, control panel, manometer and pipes, fully assembled.





Atecpool Valve Manifold - Electrically actuated

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

Atecpool Valve Manifold - Pneumatically actuated

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

Atecpool Besgo
Automatic Backwash

Atecpool Automatic Backwash

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

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



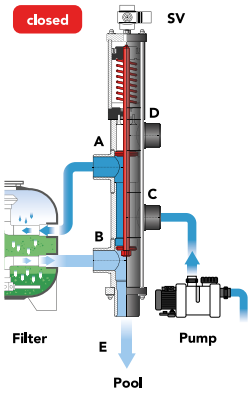
Specifications:

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

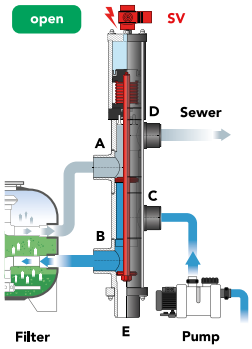
Code	Description	Connection	Flow Rate
		inches	m³/h
AV3103	DN40 / D50	1.5"	20
AV3201	DN50 / D63	2"	30
AV3301	DN65 / D75	2.5"	45
AV3401	DN80 / D90	3"	65
AV3501	DN100 / D110	4"	95



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** 1.1kW, 230V, vessel size 24lt, pressure max 8 bar, 22 kg, volume 92dB, w/ pressure reducer.
- **Pressure switch** Installation unit 3/8" Besgo, water pressure control composed of: manometer 0-10 bar, non-return valve, fine filter, stop-tap.

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

TÜV Rheinland CERTIFIED

Atecpool Multiport Valves
Six-way valves

Functions

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

1½" TOP multiport valve ELECTA Filter



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

2" TOP multiport valve ELECTA Filter



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

1½" SIDE multiport valve ELECTA Filter



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

2" SIDE multiport valve ELECTA Filter



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

1½" TOP multiport valve BOBINADOS SERIE



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

2" TOP multiport valve BOBINADOS SERIE



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

1½" SIDE multiport valve BOBINADOS SERIE



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

2" & 2½" SIDE multiport valve BOBINADOS SERIE



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

Automatic Selector Valves



2030845



2030841/3

Features

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

Options

- Solenoid valve in the drain: Optional Safety system to protect against potential lacks of power supplies during valve position changes.
- Optional control panel-Direct connection with the installation's existing control box.

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

Code	Description	Position	Maximum Flow	Power Supply	Programming
2030841	Automatic Selector Valve Basic 1 ½"	Side-mount	14 m³/h (62 GPM)	230 / 115 VAC	Programmed via a touch-sensitive keypad
2030843	Automatic Selector Valve Basic 2"	Side-mount	18 m³/h (80 GPM)		
2030845	Automatic Selector Valve Flat 1 ½"	Top	12m³/h - (53 GPM)	230 / 115 VAC	Backwash time programmed via potenciometer in the electronic board.
2030842	Automatic Selector Valve Flat 1 ½"	Side-mount	12m³/h - (53 GPM)		

ATECPOOL PIPELESS FILTRATION

EASY AND EFFICIENT

The easiest way to filtrate your swimming pool water



Wall Mounted Filter
Pipeless

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

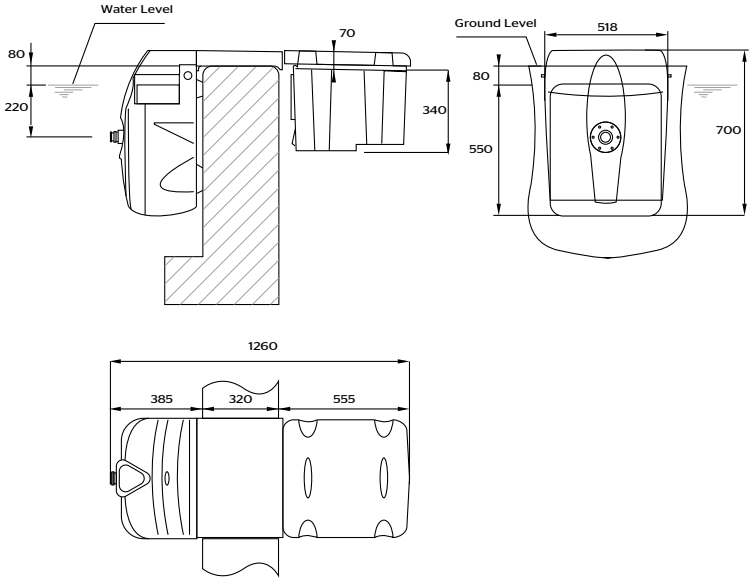
Compak Kit WPCKIT12 - Wall Mounted Filter

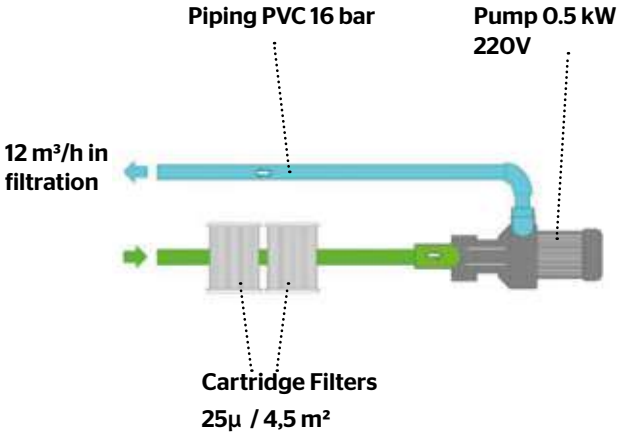
The enclosure of the wall-mounted filter is made of ABS, anti-acid-fading and easy to clean, integrated filter installation without plant room, easy installation, convenient operation, and excellent performance reducing the construction costs. The filter is made according to international standards.



Specifications

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





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

Optional

- Colored LED light + remote control

Equipment

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

Wall Mounted Filter
Pipeless

Compak Kit WPCKIT25 - Wall Mounted Filter

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



Specifications

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

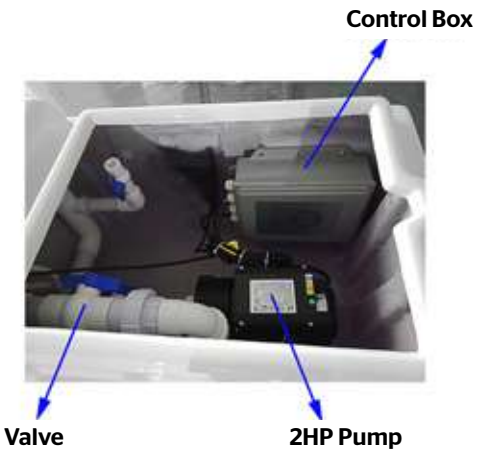
Equipment

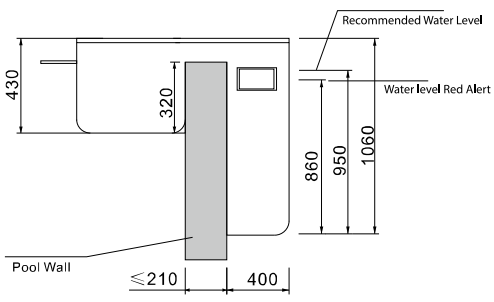
Filtration Pump	1 x 2HP
Filtration basket with bag	1 Pc
Light (warm white)	1 x LED 10W / 12V
Time Controller	1 Pc
Swim Jet	2 Pcs
Chlorine Feeder	1 Pc

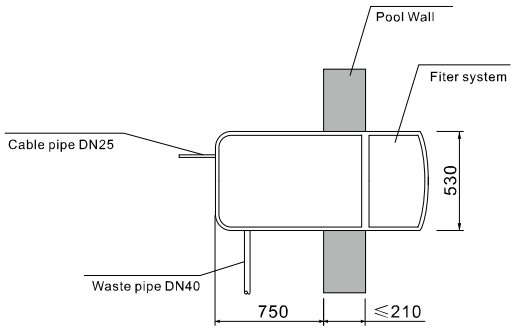
Pools until 80 m³ max.
Length max.: 10 m

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









Wall Mounted Filter
Pipeless

WPCKIT25X
Pools until 80 m³ max
Length max: 9 m

WPCKIT35X
Pools until 110 m³ max
Length max: 12 m

Compak Kit WPCKIT25X & WPCKIT35X - Wall Mounted Filter



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

Specifications

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

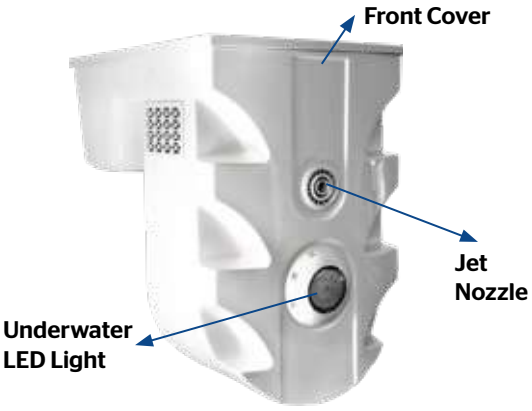
Code	Description
WPCKIT25X	Compak Kit Wall Mounted Filter 25 m³/h
WPCKIT35X	Compak Kit Wall Mounted Filter 35 m³/h

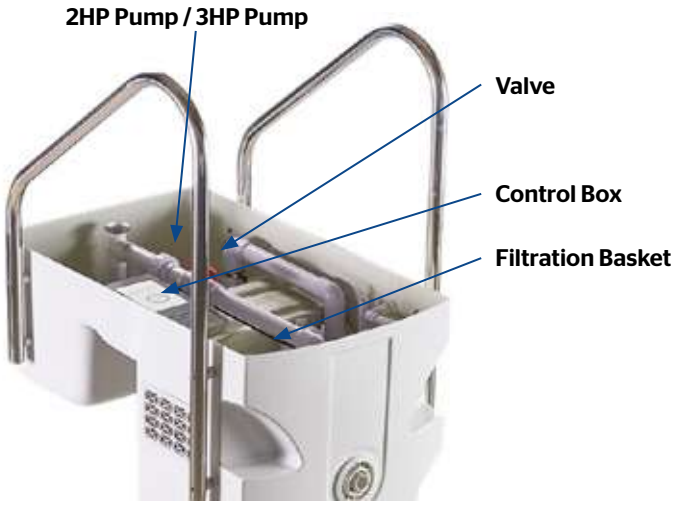
Equipment: WPCKIT25X Technical Data

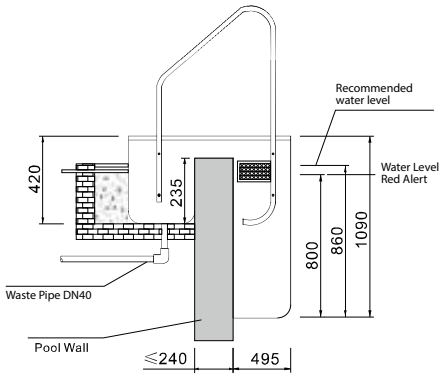
Filtration Pump	1 x 2HP 25 m³/h
Filtration Basket with Bag	1 Pc
Light (Warm White)	1 x LED 10W / 12V
Time Controller	1 Pc
Swim Jet	1 Pcs
Chlorine Feeder	1 Pc

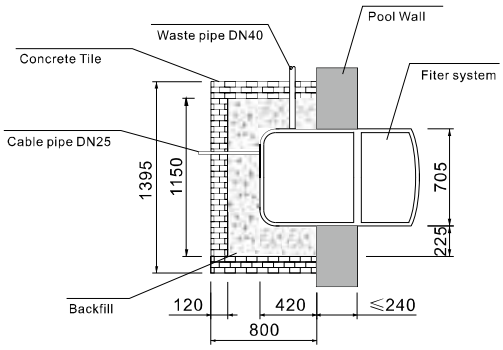
Equipment: WPCKIT35X Technical Data

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









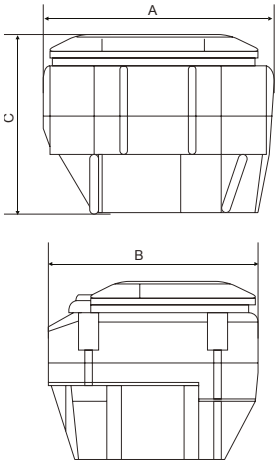
Atecpool Filtration Housings
Housings without Inner Assembly

Atecpool Filtration Housing - Compact Unit

Fully In-ground or Semi in-ground model. Base and lid made of LDPE. Complete with double sided wall joints and water drainage. Standard unit that has the capacity for a filter upto size Ø700 mm, a pump, booter pump and a submersible pump. A 4kg Inline chlorine feeder can be optionally fitted in.



Compact unit





Caseta

Custom built filtration housing, body made of FRP.

Code	Description	A	B	C	Max. Size (holding capacity inside)
081508	Compact Unit	1489	1380	1165	Filter Ø700 mm Dia, 2 HP pump. Booster pump, submersible pump.
081519	Caseta	-	-	-	Custom made FRP filtration housing based on request.

Empty filtration housing, no equipment included.

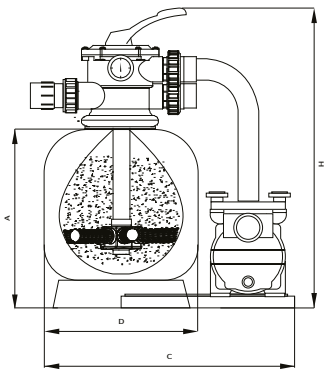
Atecpool Filtration Kit

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





Filtration Kit



Code	Filter	Pump	A	C	D	H	Connections	Sand
							mm	kg
6991400	Ø410	micro 0.33HP	515	750	410	770	1" ½ - 50	34
6991410	Ø410	micro 0.5HP	575	790	450	770	1" ½ - 50	34

Empty filtration housing, no equipment included.

Atecpool Filtration Trolley Kit
Portable Filtration

Atecpool Portable Filtration Kit

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



Code	Diameter Ø	Max Flow	Valve Connection	Power			
	mm	m^3/h	inches	HP	kW	µF	Voltage
06990450	450	7	1 1/2"	0.5	0.37	16	230 - 400V
06990510	510	10	1 1/2"	0.75	0.55	20	230 - 400V
06990610	610	14	1 1/2"	1	0.75	25	230 - 400V

Atecpool Portable Filtration Cartridge Kit

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



Code	Filtration area	Max Flow	Valve Connection	Power			
	m^2	m^3/h	inches	HP	kW	µF	Voltage
00595005	2.3	5.5	1 1/2"	0.5	0.37	16	230 - 400V
00597507	4.7	11.4	1 1/2"	0.75	0.55	20	230 - 400V
06997510	7	17.0	1 1/2"	1	0.75	25	230 - 400V
06997610	9.4	22.9	2"	1.5	1	30	230 - 400V

ATECPOOL VIRGIN GLASS MEDIA

NATURE WORKS®

Healthier pool for a healthier planet

Hi-Tech Glass Filter Media

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



Green Advantages:

- **Crystal clear water**
  Nature Works® 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**
  Nature Works® and the integrated system save resources such as water, chlorine and energy.



ECO friendly

eco friendly . better filtration . healthier pool system

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool Filter Media
Virgin Glass Filter Media



Nature Works® - High Calibration Filtration Media

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

The efficiency of Nature Works® is based on the ellimination of the most common particles you can find in a swimming pool that make the water go misty. This simultaneously maximizes savings and efficiency. We achieve this thanks to a highly selected grain curve and to a surface treatment technology of the grains, which allows us to avoid Biofilm, keep the microchannels open and make the particles totally safe to handle.

	Nature Works® **Stage 0**	Nature Works® **Stage 1**
Description	**Technical glass high-calibrated for water treatment**	**Technical glass high-calibrated for the filtration of the swimming pool water and for water treatment**
Composition	SiO2(74%), Na2O(11%), CaO(10%)	SiO2 (74%); Na2O (11%); CaO (10%) / Purity Level: at least 99.999%, (below detection limit)
Colour	Transparent (Made exclusively from recycled flat glass)	
Particle Density	2.490 kg/m³	
Bulk Density	1.335 kg/m³	
Granulometry	1,5 - 2,5 mm	0,6 - 0,8 mm
Packing	20 kg, recyclable paper bag UV-resistant / 1000 kg Bulk Bag	
Filter Filling	20% of Nature Works Stage 0 - as bottom layer 80% of Nature Works Stage 1 - as top layer	



Nature Works® - NW40 Green Glass Media

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

	NW40 **Stage 0**	NW40 **Stage 1**
Description	High-Calibration glass media for water filtration.	
Composition	SiO2(74%), Na2O(13%), CaO(10.5%), Al2O3(1.3%), K2O(0.3%), SO3(0.2%), MgO(0.2%), Fe2O3(0,04%), TiO2(0.01%)	
Colour	Multicoloured Glass	
Particle Density	2.490 kg/m³	
Bulk Density	1.290 kg/m³	1.335 kg/m³
Granulometry	1,5 - 2,5 mm	0,6 - 1,2 mm
Packing	20 kg, recyclable paper bag UV-resistant / 1000 kg Bulk Bag	
Installation	20% of NW40 Stage 0 - as bottom layer 80% of NW40 Stage 1 - as top layer	

Atecpool Filtration Media
AFM®ng, Sand & Gravel

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

AFM® was the most effective filter media, AFM® ng 1 achieved 94.6 % at 1 micron at 20 m/hr (8 gpm/ft²).

The data also confirms AFM®ng 1 removed 99.6% of all particles down to 5 microns, and the equivalent grade of sand only achieved 72.97%.

The surface area is 300 times larger than the surface area of sand or other glass filter media. The surface area is important for all adsorptive and catalytic reactions. In contact with the water free radicals (OH-radicals) are formed, which protect the surface from bio-fouling.

AFM®ng: Filters 95% of all particles down to 1 micron.

AFM®: Filters 95% of all particles down to 4 microns.

Sand: Filters 95% of all particles down to 20 microns.

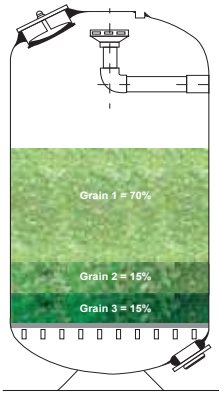
Glassand: Filters 95% of all particles >25 microns.

Filter filling:

50 % AFMng 1

25 % AFMng 2 as supporting layer

25 % AFM3 as supporting layer



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

Code	Granulometry	Units	Weight kg	Volume package m³
AFM®ng1	0.4 - 0.8 mm	1	25	0.667
AFM®ng2	0.7 - 2.0 mm	1	25	0.667
AFM®3	2.0 - 4.0 mm	1	25	0.667

Filtration Media Silica Sand

25/50 kg bag



Code	Granulometry	Units	Weight kg	Volume package m³
1000001	0.4-0.8 mm	1	50	0.8
1000001-25	0.4-0.8 mm	1	25	0.4

Gravel

25/50 kg bag

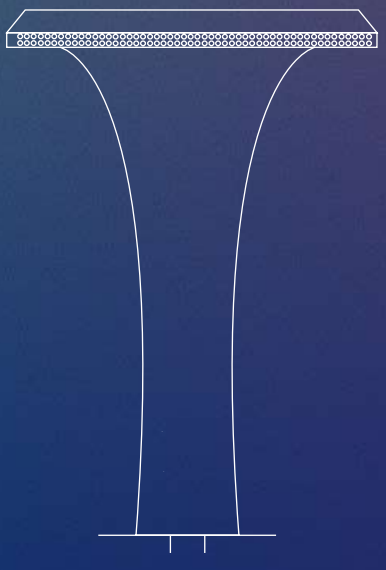


Code	Granulometry	Units	Weight kg	Volume package m³
1000002	1.0-2.0 mm	1	50	0.8
1000002-25	1.0-2.0 mm	1	25	0.4
1000003	3.0-5.0 mm	1	50	0.8
1000003-25	3.0-5.0 mm	1	25	0.4



ATECPOOL

POOL SURROUND



ATECPOOL INTERNATIONAL GROUP



POOL SURROUND

ATECPOOL
INTERNATIONAL
GROUP

ATECPOOL POOL SURROUND



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

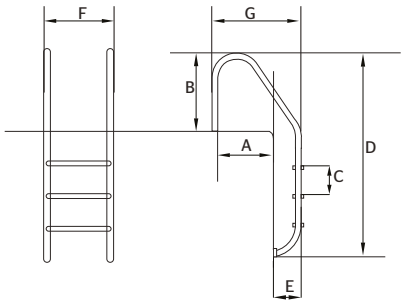
Special stainless steel ornamental pool features designed and engineered by ATECPOOL with excellence and high precision.

Pool Access Ladders

Standard Ladder

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





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

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	m³
2 steps standard	13003215-5	10.0	0.07
3 steps standard	13003215-6	11.8	0.08
4 steps standard	13003215-7	13.2	0.08
5 steps standard	13003215-8	14.0	0.10

Deluxe S.S. 304

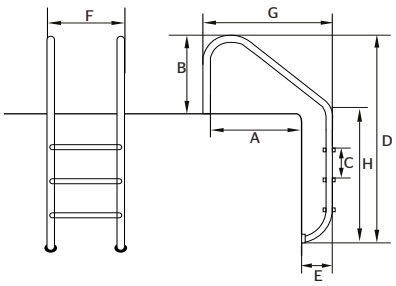


	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps standard	13003215-1	10.0	0.07
3 steps standard	13003215-2	11.8	0.08
4 steps standard	13003215-3	13.2	0.08
5 steps standard	13003215-4	14.0	0.10

Overflow Ladder

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





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

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	m³
2 steps overflow	13003215-13	10.0	0.07
3 steps overflow	13003215-14	12.0	0.08
4 steps overflow	13003215-15	14.0	0.08
5 steps overflow	13003215-16	15.0	0.10

Deluxe S.S. 304



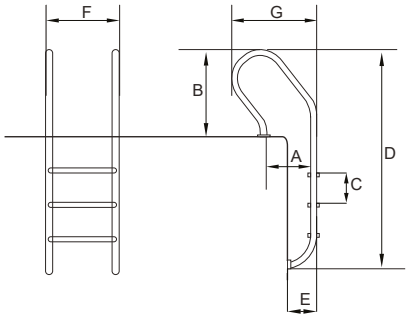
	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps overflow	13003215-9	10.0	0.07
3 steps overflow	13003215-10	12.0	0.08
4 steps overflow	13003215-11	14.0	0.08
5 steps overflow	13003215-12	15.0	0.10

Pool Access Ladders

Mixed Ladder

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





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

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	m³
2 steps mixed	13003215-21	10.0	0.07
3 steps mixed	13003215-22	11.8	0.08
4 steps mixed	13003215-23	13.2	0.08
5 steps mixed	13003215-24	14.0	0.10

Deluxe S.S. 304

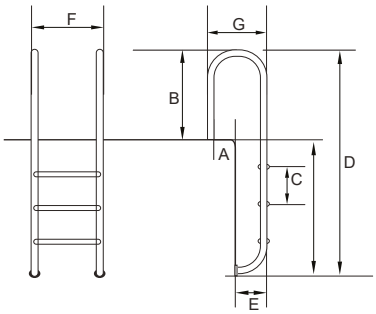


	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps mixed	13003215-17	10.0	0.07
3 steps mixed	13003215-18	11.8	0.08
4 steps mixed	13003215-19	13.2	0.08
5 steps mixed	13003215-20	14.0	0.10

Muro Ladder

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





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

Deluxe S.S. 316



	Code	Weight	Volume
	AISI 316	(kg)	m³
2 steps muro	13001200	10.0	0.07
3 steps muro	13001300	11.8	0.08
4 steps muro	13001400	13.2	0.08
5 steps muro	13001500	14.0	0.10

Deluxe S.S. 304



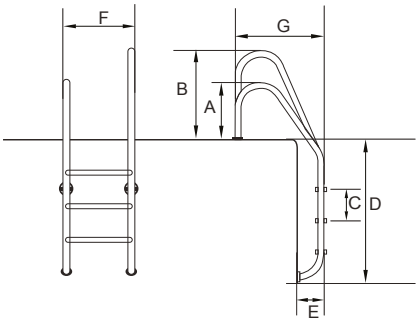
	Code	Weight	Volume
	AISI 304	(kg)	m³
2 steps muro	13001200-1	10.0	0.07
3 steps muro	13001300-1	11.8	0.08
4 steps muro	13001400-1	13.2	0.08
5 steps muro	13001500-1	14.0	0.10

Pool Access Ladders

Standard Asymmetrical Ladder

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





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

Deluxe S.S. 316

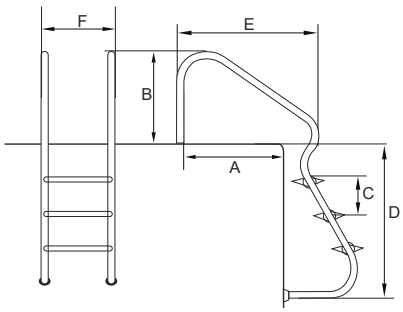


	Code	Weight	Volume
	AISI 316	(kg)	m^3
2 steps asymmetrical	13002200-1	10.0	0.07
3 steps asymmetrical	13002300-1	11.8	0.08
4 steps asymmetrical	13002400-1	13.2	0.08
5 steps asymmetrical	13002500-1	14.0	0.10

Easy Access Ladder

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





Steps	A	B	C	D	E	F
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
2	490	620	250	1550	852	500
3	490	620	250	1700	852	500
4	490	620	250	1950	852	500

Deluxe S.S. 316
Double safety tread



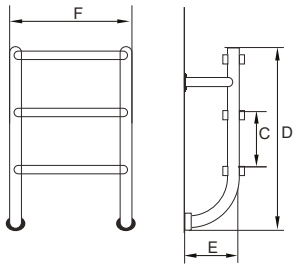
	Code	Weight	Volume
	AISI 316	(kg)	m^3
2 steps easy access	13003200	15	0.07
3 steps easy access	13003300	16	0.08
4 steps easy access	13003400	17	0.08

Pool Access Ladders

Split Ladder - Bottom half

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





Deluxe S.S. 316



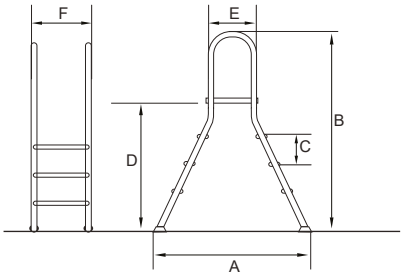
Steps	C	D	E	F
	(mm)	(mm)	(mm)	(mm)
2	250	500	180	500
3	250	750	180	500
4	250	1000	180	500
5	250	1250	180	500

	Code	Weight	Volume
	AISI 316	(kg)	m³
2 steps split	13001215	14.5	0.07
3 steps split	13001315	15.5	0.08
4 steps split	13001415	16.5	0.08
5 steps split	13001515	17.5	0.10

Above Ground Ladder with platform

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





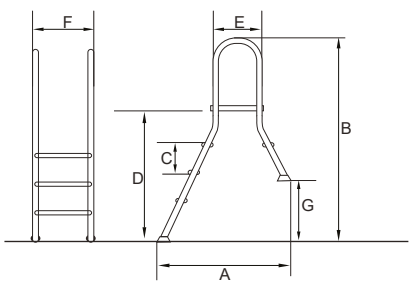
Steps	A	B	C	D	E	F
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
3+3	1150	1680	250	1030	375	500
4+4	1360	1920	250	1270	375	500
5+5	1570	2160	250	1600	375	500

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

Partially in Ground Ladder with platform

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





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

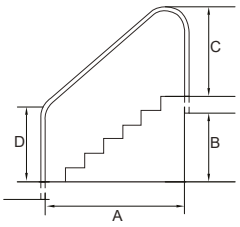
	Code	Weight	Volume
	AISI 316	(kg)	m³
3+1 partially in ground	13004315/1	19.0	0.07
4+1 partially in ground	13004415/1	21.0	0.08
5+1 partially in ground	13004515/1	23.0	0.08

Pool Exit Grab Rails

Exit Grab Rails Two Bends With Flange

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



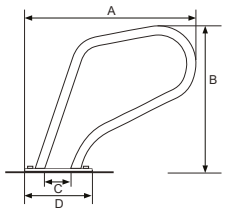


Code	Length	Steps	Volume	Weight	A	B	C	D
AISI 316			(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026006	1.2 m	3	0.14	4.0	1200	660	817	752
13026006-1	1.5 m	4	0.16	4.5	1500	825	817	752
13026006-2	1.8 m	5	0.25	4.9	1800	990	817	752

Spa Exit Grab Rail With Flange

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



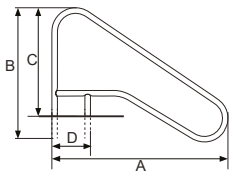


Code	Volume	Weight	A	B	C	D
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026012	0.043	4.0	809	567	254	160

Pool Exit Grab Rail With flange

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

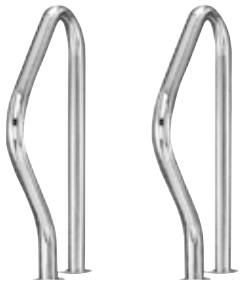


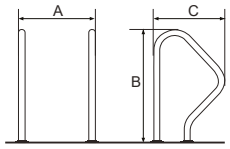


Code	Volume	Weight	A	B	C	D
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026008	0.05	5.1	1350	897	817	203

Two Piece Grab Rail with Flange

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



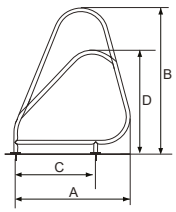


Code	Volume	Weight	A	B	C
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)
13026011	0.08	7.0	533	800	260

Two Piece Grab Rail Asymmetrical

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



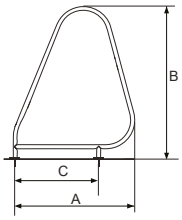


Code	Volume	Weight	A	B	C	D
AISI 316	(m^3)	(kg)	(mm)	(mm)	(mm)	(mm)
13026014	0.138	7.0	810	1053	560	758

Two Piece Grab Rail Parellel

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





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

Pool Access Ladders
Accessories

Anchor Socket

Made of plastic suitable for Ø42 mm pipe.



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

Deluxe Anti-Slip Step AISI 304 & AISI 316



Code	Material	Size	Volume	Weight	Unit
		(mm)	(mm)	(kg)	
9900100002-1	AISI 304	500x86x35	0.0015	0.6	1
9900100002	AISI 316	500x86x35	0.0015	0.6	1
9900100003	AISI 304	500x160x35	0.0028	1.1	1
9900100004	AISI 316	500x160x35	0.0028	1.1	1

Articulated Anchor with Flange

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



Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
9900100008	AISI 316	Ø42	18x16x9	1.01	1

Anchor with Flange

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



Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
9900100007	AISI 316	Ø42	15x15x10	0.752	2

Rubber Bumber

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



Code	Size	Unit
	(mm)	
99001000010	Ø65 / Ø42	30

Articulated Anchor

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

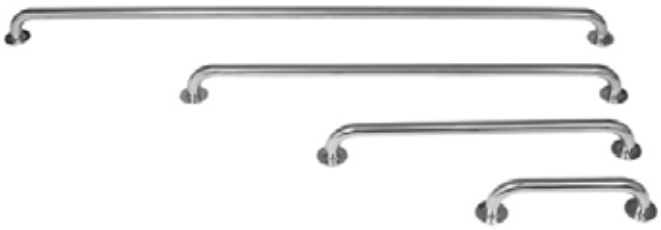


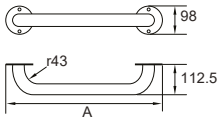
Code	Material	Size	Volume	Weight	Unit
		(mm)	(cm)	(kg)	
9900100009	AISI 316	Ø42	18x16x9	1.224	2

Pool Handrails

Handrails

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





Code	Length (A)	Volume	Weight
AISI 316	(mm)	(m^3)	(Kg)
13026001	500	0.009	1.5
13026002	1000	0.016	2.2
13026003	1500	0.023	2.8
13026004	2000	0.030	3.4
13026005	3000	0.044	4.8

Straight Handrail Tube

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



Code	Length	Volume	Weight
	(mm)	(m^3)	(kg)
13026019	1000	0.001764	1.17
13026020	2000	0.00353	2.34
13026021	3000	0.0053	3.51

Handrail Tube connector straight

AISI 316 stainless steel for joining Ø42 mm pipes



Code	Size	Volume	Weight
	(mm)	(m^3)	(kg)
13026022	Ø42	0.000353	0.16

Handrail Tube connector bend

AISI 316 stainless steel for joining Ø42 mm pipes.



Code	Size	Volume	Weight
	(mm)	(m^3)	(kg)
13026023	Ø42	0.00284	0.5

Handrail Brackets with base plate

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



Code	Size	Volume	Weight
	(mm)	(m^3)	(kg)
13026025	Ø42	0.0005	0.18

Bracket closed at one end

AISI 316 stainless steel closed brackets for Ø42 mm handrails.



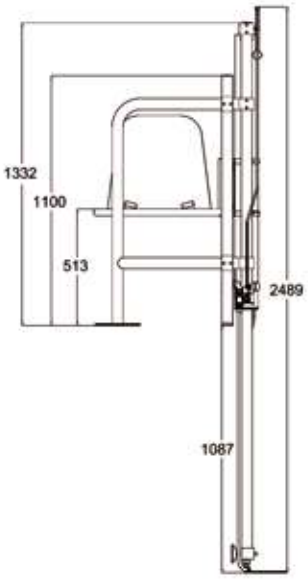
Code	Size	Volume	Weight
	(mm)	(m^3)	(kg)
13026026	Ø42	0.0005	0.20

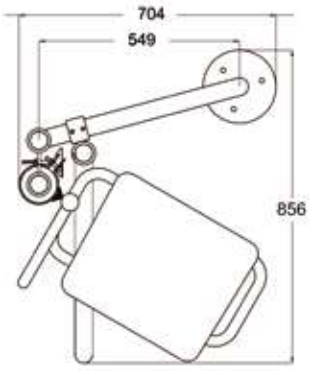
Pool Lifts

Hydraulic Lift

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







Specifications

- Maximum lifting capacity: 120 kg
- Rotation angle: 150º
- Structure and piston: AISI 316L
- Tubular structure: Ø48.3 x 2 mm
- Water pressure: > 3.5 to 5 bar
- Seat: Synthetic material suitable for outdoors

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

Battery Operated Pool Lift

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



Specifications

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

Colors

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

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

Life Saving
Accessories

Lifebuoy Holder Post

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



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

Lifebuoy Ring

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



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

Lifebuoy Ring Holder

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



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

Lifebuoy Ring Holder

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



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

Lifebuoy Hook

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

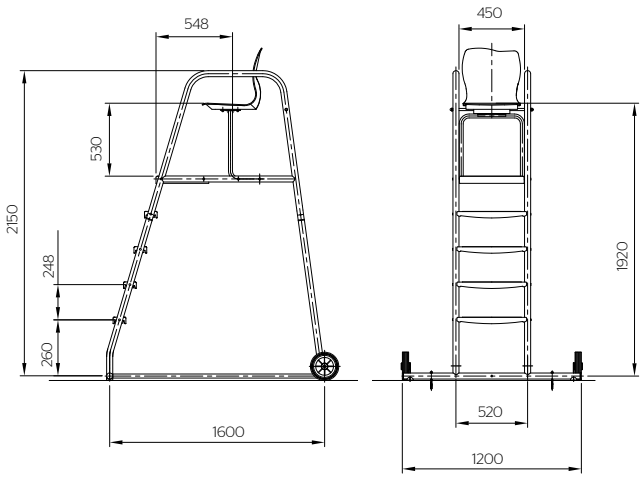


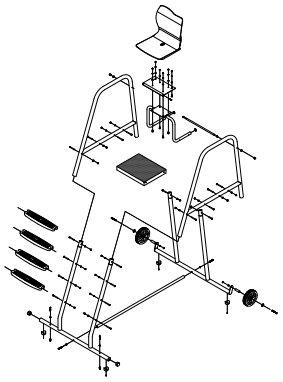
Code	Material	Weight	Volume
		(kg)	(m^3)
00194011	AISI 304	1.46	0.03

Lifeguard Chair

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



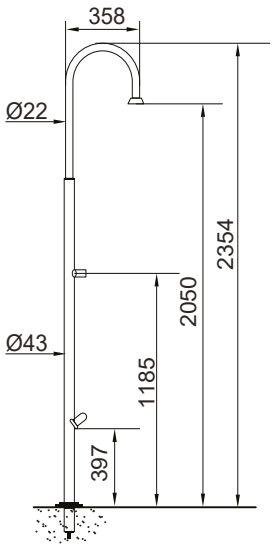




Code	Description	Height
		(m)
13077010	Atecpool Lifeguard Chair in AISI 304	1.8
13077010-1	Atecpool Lifeguard Chair in AISI 316, wheel locking, umbrella provision	1.8

Atecpool Shower & Curtains
Stainless Steel





Standard Shower Single Head

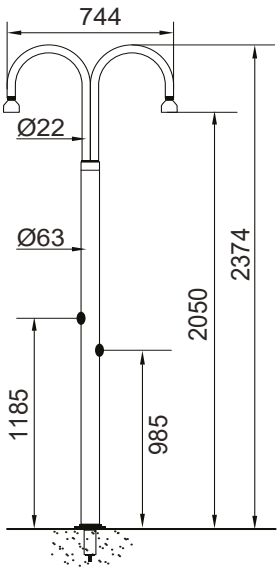
With Feetwasher

Specifications

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

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





Shower Double Head

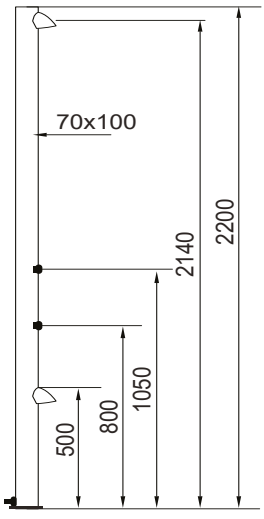
With Feetwasher auto & manual

Specifications

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

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





Oval Shower

With Feetwasher

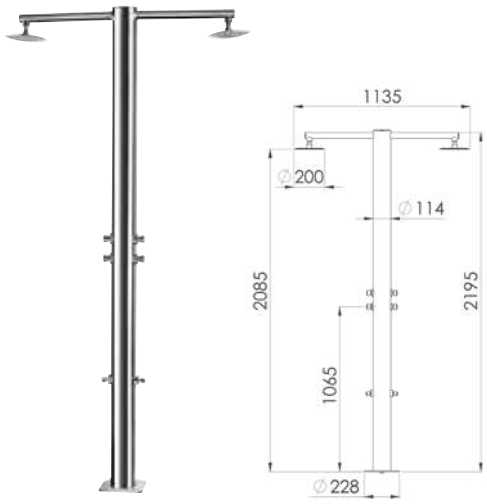
Specifications

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

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

Atecpool Shower & Curtains
Stainless Steel

Nettuno Luxury Shower

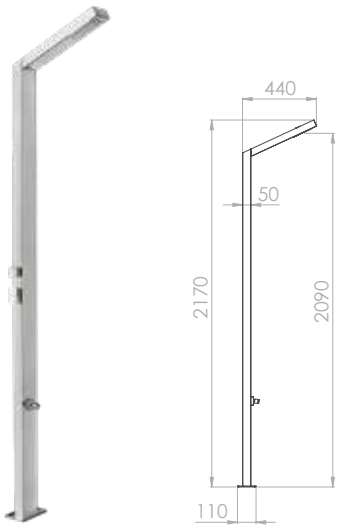


Specifications

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

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

Saturno Luxury Shower

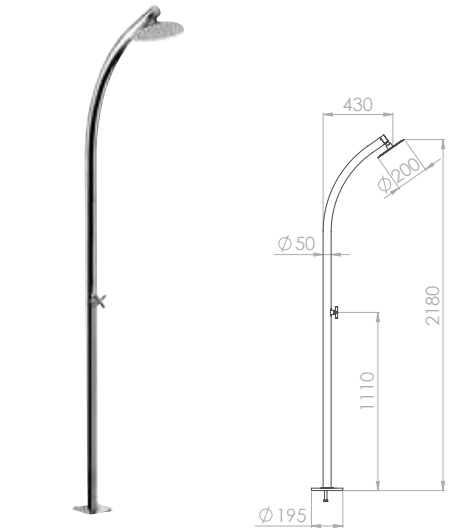


Specifications

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

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

Hera Luxury Shower

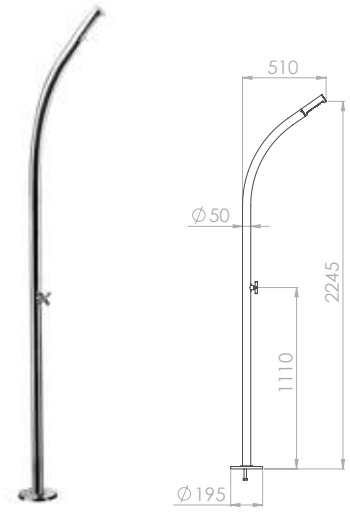


Specifications

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

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

Hera Rece Luxury Shower



Specifications

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

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

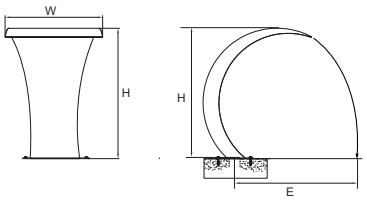
Ornamental Water Features
Water Curtains

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

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

Water Curtain Bali

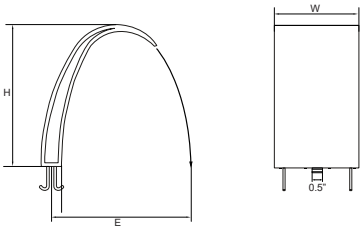




Code	Flow	Height	Width	Distance
AISI 316	(m^3)	H (mm)	W (mm)	E (mm)
0124040	16	400	400	420
0125050	18	500	500	440
0126060	21	600	600	550
0126070	21	700	600	630
0126080	21	800	600	840
0126090	21	900	600	880
01260100	21	1000	600	910
01260120	21	1200	600	970
01260140	21	1400	600	1030

Water Curtain Classy

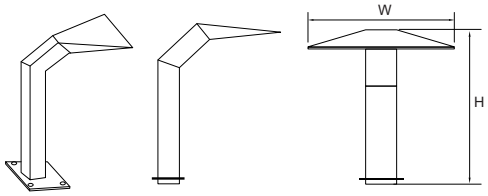




Code	Flow	Height	Width	Distance
AISI 316	(m^3)	H (mm)	W (mm)	E (mm)
0176060	21	600	600	560
0176070	21	700	600	680
0176080	21	800	600	840
0176090	21	900	600	990
01760100	21	1000	600	1210
01760120	21	1200	600	1400
01760140	21	1400	600	1580

Water Curtain Straight





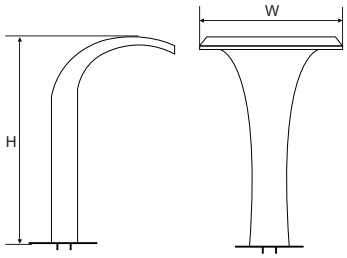
Code	Flow	Height	Width
	(m^3)	H (mm)	W (mm)
0186060	18	600	500
0186070	18	700	500
0186080	18	800	500
0186090	21	900	600
01860100	21	1000	600
01860120	21	1200	600

Ornamental Water Features
Water Curtains

Water Curtain Eco

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



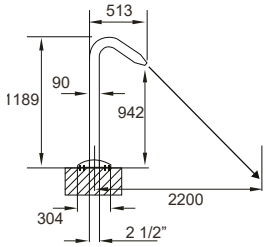


Code	Flow	Height	Width
	(m^3)	H (mm)	W (mm)
0136080	21	800	600
0136090	21	900	600
01360100	21	1000	600
01360120	21	1200	600
01360140	21	1400	600

Cannon Jet Capri

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



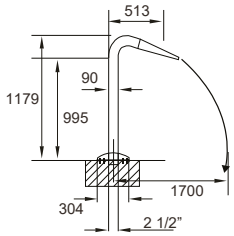


Code	Flow rate	Weight	Volume
AISI 316	(m^3/h)	(kg)	(m^3)
14200029	20	0.8	0.005

Cannon Jet Capri Flat

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





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

Anchor for Water Curtain

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



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

Circular Anchor

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



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

Ornamental Water Feature
Waterfall Collection

Waterfall Collection

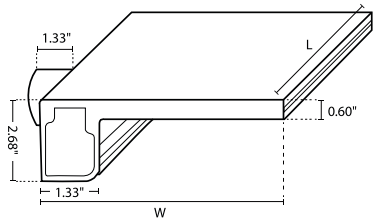
The Atecpool Waterfall collection is an elegant addition to your new or remodeled pool or spa. With our Waterfall Collection, you can add a peaceful atmosphere to your pool or a bold looking water feature that brings excitement & uniqueness to your project. The Waterfall Collection includes 4 types: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

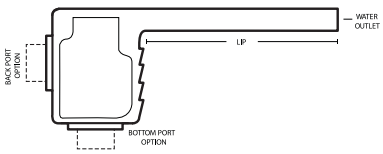
Classic Waterfall



Specifications

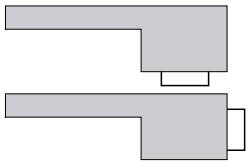
- Construction in heavy-duty PVC.
- Selected lip sizes can be radius curve cut.
- Available in clear, gray & tan color options on request.
- Both rear & bottom inlet options available.
- Various size options, up to 5 ft. length.



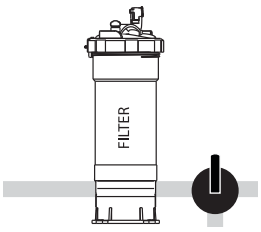




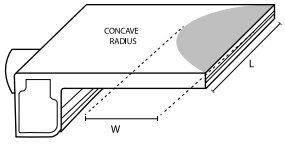
Color		Description	Result at 1 Meter Height	Width	Length
Rear Inlet	Bottom Inlet		GPM / Projection	(inches)	(inches)
4600-1201	4601-1201	12" waterfall with 1" lip	12 gpm / 14"	3.15"	12.36"
4600-1206	4601-1206	12" waterfall with 6" lip		8.07"	
4600-1209	4601-1209	12" waterfall with 9" lip		11.07"	
4600-1212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



Back or Bottom Port



Filtered Water Only



Radius Cut Compatible

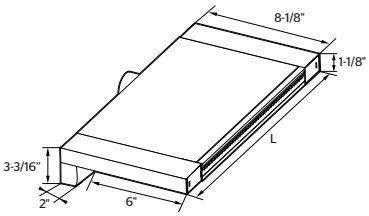
Important: Atecpool waterfalls are to be used only with filtered water

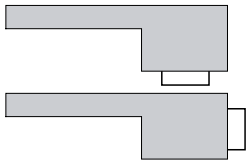
Ornamental Water Feature
LED Waterfalls

LED Waterfalls

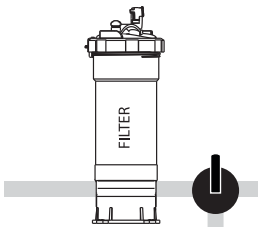
The LED Waterfalls are the premier lighted waterfalls in the pool industry. The LED Strip is built into the unit (instead of using external fiber optics), placing the light as close to the water as possible. Amazingly, this impeccable LED does not need any external accent light source.



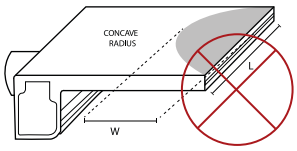




Back or Bottom Port



Filtered Water Only



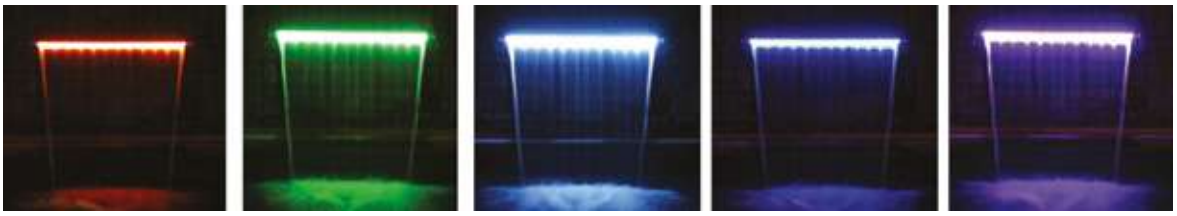
Radius Cut Not Compatible

Features

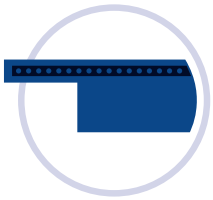
- Easy service of LED light – front side
- Extra durable LED strip
- Various light shows & bright LED Colors
- Various size options, up to 6 ft. length
- Unique saw tooth lip design – enhances light color

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



30.5 M. Cable



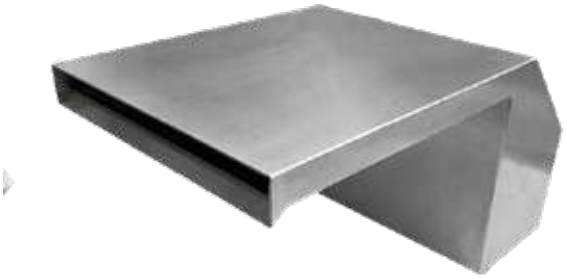
To be purchased separately

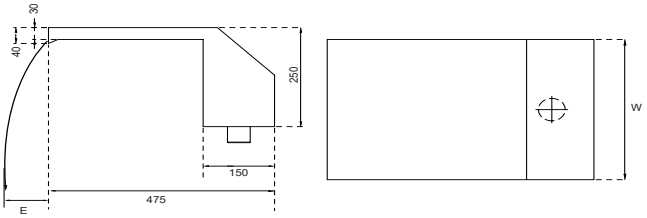
Colour		Description	No. of Ports	Width	Length	Flow Rate
Rear Inlet	Bottom Inlet			(inches)	(inches)	m³/h
5600-1201	5600-1202	12" LED Waterfall	1	8-1/8"	16.43"	2.73 – 3.14
5600-1801	5600-1802	18" LED Waterfall	1	8-1/8"	22.29"	4.09 – 5.11
5600-2401	5600-2402	24" LED Waterfall	1	8-1/8"	28.83"	5.45 – 6.81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

Ornamental Water Feature
Stainless Steel Waterfalls

Waterfall AISI 316

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

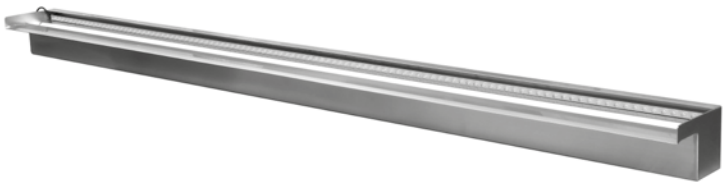




Code	Width	Connection	Distance	Flow Rate	Weight
	(mm)	(inches)	E (mm)	(m^3/h)	(kg)
14200023	300	1.5"	270	7	6.9
14200024	600	2"	250	10	11.9
14200025	900	2.5"	260	17	16.9

Stainless Steel Waterfalls

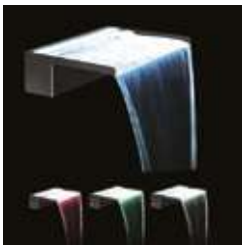
Stainless Steel AISI 316 sheer descent creating stunning water blades. Can be installed indoor or outdoor. Stainless Steel Waterfalls are easy to install, durable and custom made. Either recessed into the wall or protruded outside. Stainless steel water blades creates water curtain effects, optional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



Optional LED Light Installation on Stainless Steel Weirs

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







ColorWheel LED Waterfall Control

LED Waterfalls Control & Accessories

ColorWheel LED Waterfall Control



Fully Programmable Controller

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

Total Dimming & Color Control

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

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







Features

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

Ornamental Water Features
LED Laminars

LED Laminars

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

Specifications

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





12" LED Bubbler Cross Section View

ATECPOOL WONDERS

1 Stainless Steel Precision Nozzle

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

2 Premier Filter Media

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

3 Tangential Flow Engineering

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

4 Beam-focusing Lens

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

5 IP68 Waterproof Quick Disconnect

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





Specifications

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

Code	Description
6600-12	12" LED Laminar

Installation Specifications

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



Ornamental Water Features
Adjustable Deck Jets

Adjustable Deck Jets

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

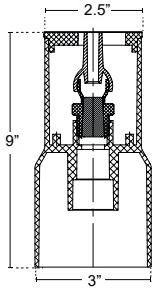
This water feature has an eyeball nozzle hidden from view by a decorative cap. 3-5 GPM creates a stream up to 10 feet high.



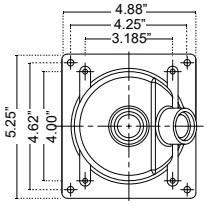
Specifications

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

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



Deck Jet Dimensions



Wall Jet Bottom Dimensions

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

* Deck Wrench Included with both above models.





Adjustable Brass Deck Jet

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





Specifications

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

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

Ornamental Water Features
Nozzle & Accessories

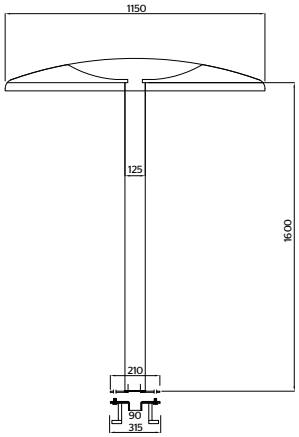


Mushroom Umbrella water feature

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

Specifications

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

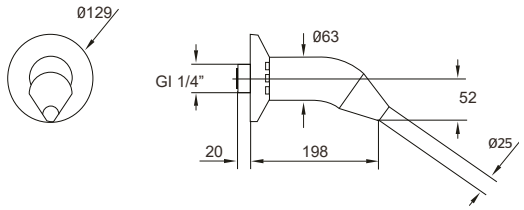


Code	Description	Weight
		(kg)
012997	Mushroom Waterfall w/ canopy polyester	40



Circular Nozzle

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

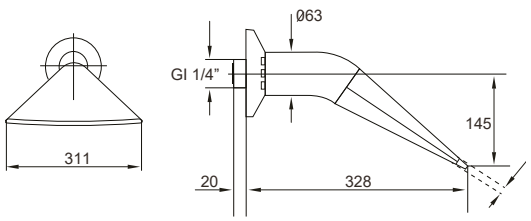


Code	Flow rate	Weight	Volume
AISI 316	(m³/h)	(kg)	(m³)
14200034	12	0.8	0.005



Flat Nozzle

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



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

Atecpool Pool Alarm
Pool Security







Wi-Fi connection



Atecpool Pool Alarm

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

amazon alexa Google Assistant

Highlights

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

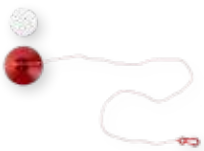
Features

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

Atecpool Pool Alarm

Code	Description
ATEC ALARM 090	Pool Alarm Connect

Atecpool Pool Alarm Kit

	Item	Quantity
	Pool Unit	1
	Home Unit	1
	Attachment Kit	1
	Type C USB Cable	1
	Quick Start Guide	1

Atecpool Pool Alarm Overview



Pool Unit attached to the side of the pool and floats on the water. The Pool Unit sounds an alarm and transmits alerts to the Home Unit.

Home Unit located in the house, connected to the home Wi-Fi, communicates with the Pool Unit and sounds an alarm when needed. Enables controlling and monitoring up to four Pool Units.

Mobile Application communicates with the Home Unit and sends notications when needed. Provides access to the system settings and allows for remote monitoring.

When Pool Alarm is triggered

a. The Home Unit and Pool Unit sound an alarm. The LED's blink red.

b. Mobile application displays a notification.

Overflow Channel Grating

Overflow Grating

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



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

Double Link Overflow Grating

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



Code	Height	Width	Std. Packing
	(mm)	(mm)	Linear meter
01593650	24	195	10
01593655	24	245	10
01593658	24	295	10

Anti-Spill Grating

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



Code	Height	Width	Std Packing
	(mm)	(mm)	Linear meter
01593618	30	195	10
01593625	30	245	10
01593630	30	295	10
01593635	30	335	10

Stainless Steel Channel Grating

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



Code	Width	Length	Std Packing
	(mm)	(mm)	Linear meter
01593888	150	1000	1
01593898	200	1000	1
01593889	250	1000	1

Grating Support Profile

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



Code	Size	Std. Packing
	(internal mm)	Linear meter
01593777	24 x 22	24

45º Corner Tiles

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



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

90º Corner Tiles

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



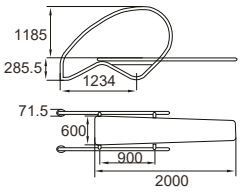
Code	Height	Width	Unit
	(mm)	(mm)	
01596195-1	24	200	1
01596245-1	24	250	1
01596295-1	24	295	1

Diving Boards & Slides

Flexible Diving Board with Rails

Diving board made of fiberglass and polyester with rails and support in polished stainless steel. Non-slip surface with extra strips for the diving area at the end of the board. Diving board supports maximum weight of 120 kg. Supplied with anchoring fixtures. Length 2 m. Width 0.60m

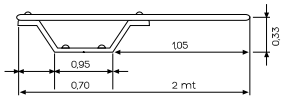




Code	Dimensions	Weight	Volume
	(m)	(kg)	(m^3)
00199024	L: 2m / W: 0.60m	50	1.585

Diving Board with Base

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



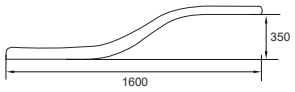


Code	Description	Dimensions		Weight
		Length	Width	(kg)
00190018	Atecpool Diving Board with Base L: 2.0, W:0.39 M	2000 mm	390 mm	29
00190119	Atecpool Diving Board with Base L: 4.0, W:0.39 M	4000 mm	390 mm	50

Wave Diving Board

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



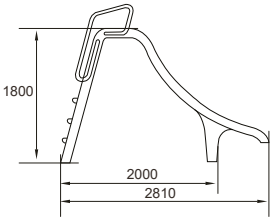


Code	Dimensions	Weight	Volume
	(m)	(kg)	(m^3)
00190020	L: 1.60m / W: 0,39m	12.3	0.14

Slide Straight Model

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



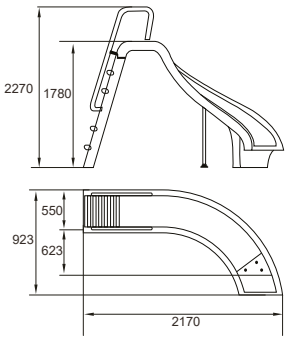


Code	Height	Weight	Volume
	(mm)	(kg)	(m^3)
00109008	1500	62	1.214
00109003	1800	70	1.37

Slide Curved Model

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





Code	Description	Weight	Volume
		(Kg)	(m^3)
00109004	Right Curved Slide	83	2.89
00109005	Left Curved Slide	83	2.89

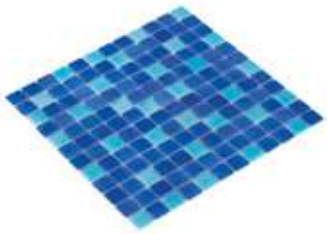
Pool Lining
Glass Mosaic Tiles

Glass Mosaic Tiles

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

Specifications

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



Code: 211 Glass Mosaic
25 x 25 mm



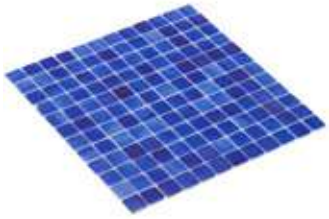
Code: 210 Glass Mosaic
25 x 25 mm



Code: 213 Glass Mosaic
25 x 25 mm



Code: 217 Glass Mosaic
25 x 25 mm



Code: 220 Glass Mosaic
25 x 25 mm



Code: 221 Glass Mosaic
25 x 25 m

Antislip Edge Pool Tiles

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



Handle Pool Edge Tile

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



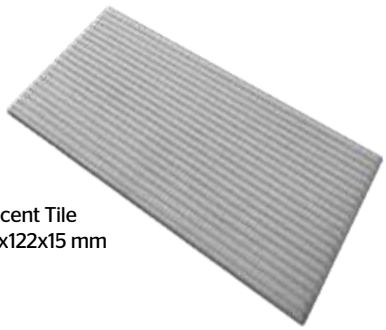
Handle Pool Edge Tile

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



Adjacent Tile

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



Adjacent Tile

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

Pool Lining
PVC Liners

PVC Liners

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

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

Quality

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

Design

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

Easy to apply

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

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

Packaging and storage

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

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

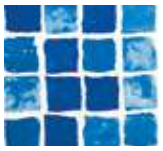
Property	Norms	Average data
Thickness (mm)	EN 1849-2	1.5 (+10/-5)%
Elongation (%)	EN 12311-2	≥ 15
Tensile Strength (N/mm²)	EN 12311-2	≥ 22
Tear Resistance (N)	EN 12310-2	≥ 200
Resistance to static punching (rigid support) (kg)	EN 12730-B	≥ 20
Joint peel resistance (N)	EN 12316-2	≥ 200
Joint shear resistance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

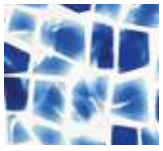

Ure

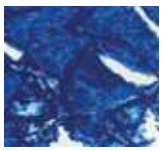

Zeru

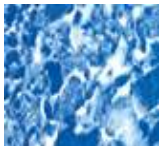

Hondar

Elur


Olatu


Zidor


Tirain


Olayo



ATECPOOL

POOL & SPA FITTINGS



ATECPOOL INTERNATIONAL GROUP



POOL & SPA FITTINGS

ATECPOOL
INTERNATIONAL
GROUP

ATECPOOL
POOL & SPA FITTINGS



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

Pool Fittings
Standard Skimmer ABS

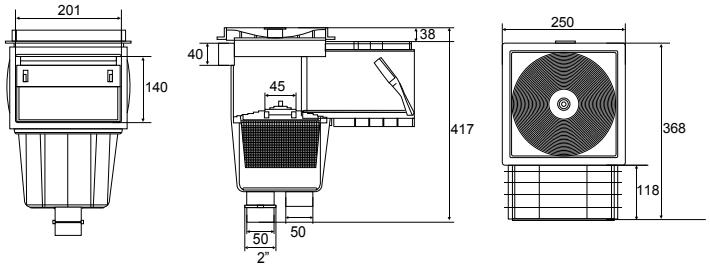
Standard Skimmer ABS

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

Standard Skimmer for concrete



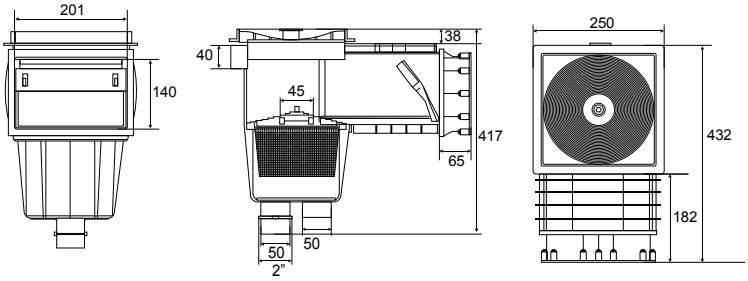
Code	Description	Weight	Volume
		(kg)	(m³)
01590010	Standard Skimmer ABS Concrete	3.15	0.047



Standard Skimmer with Extended Throat for concrete



Code	Description	Weight	Volume
		(kg)	(m³)
01590010-1	Standard Skimmer ABS Concrete with Extended Throat	4.10	0.049

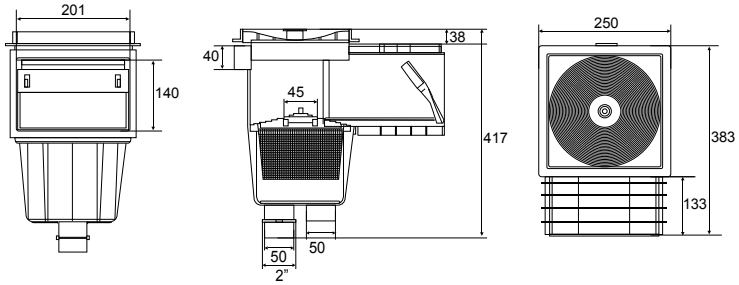


Standard Skimmer for Liner

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



Code	Description	Weight	Volume
		(kg)	(m³)
01591011	Standard Skimmer ABS Liner	5.28	0.047



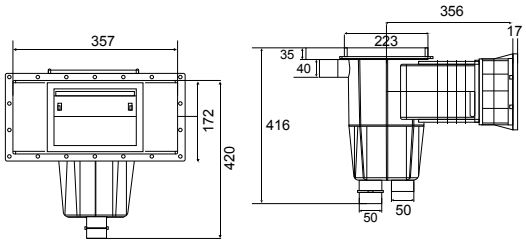
Pool Fittings
Wide Mouth Skimmer ABS

Wide Mouth Skimmer ABS

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

Wide Mouth Skimmer for concrete



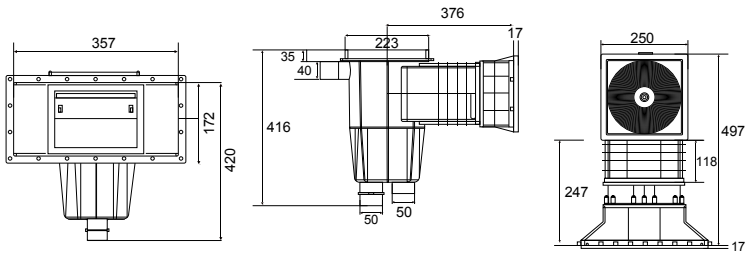


Code	Description	Weight	Volume
		(kg)	(m³)
01590020	Skimmer Wide Mouth ABS Concrete	4.47	0.12

Wide Mouth Skimmer for Liner

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



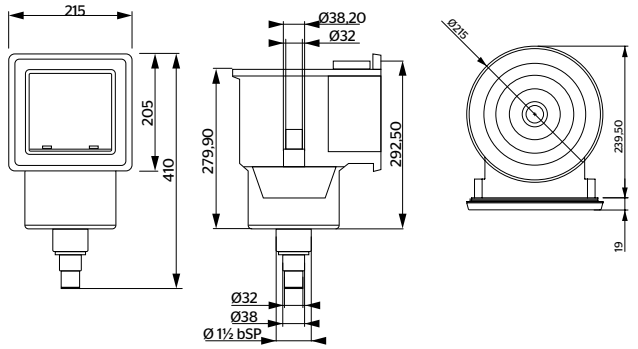


Code	Description	Weight	Volume
		(kg)	(m³)
01591022	Skimmer Wide Mouth ABS Liner	5.09	0.12

Spa Skimmer ABS Ø32mm

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





Code	Description	Weight	Volume
		(kg)	(m³)
13101001	SPA Skimmer ABS with Nozzle Ø32mm	2.10	0.02
13101001-1	SPA Skimmer ABS with SS Face plate w/Nozzle Ø32mm	2.60	0.02

Pool Fittings
Euro Skimmer ABS

Atecpool Euro Skimmer ABS - Concrete and Liner

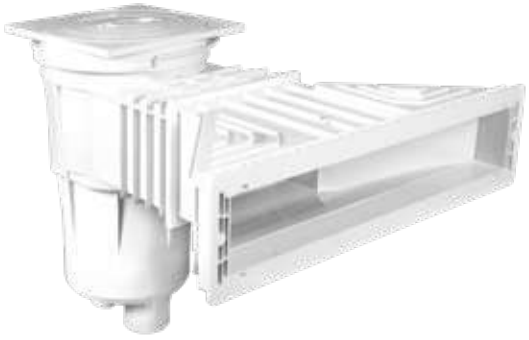
New range of skimmer 17.5L with recommended flow of 7.5 m^3/h. UV treated white ABS with top square lid and frame. With flap and flow regulation plug. Supplied with extra strong plastic basket with handle. Skimmer has an option of 3 connection sizes: 1$^{1/2}$" internal threaded, 2" threaded and 50mm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

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

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

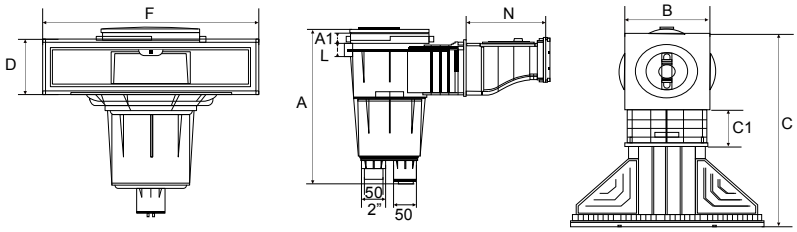
Liner: Euro ABS skimmer w/ Brass Inserts for screws, Square Frame and round lid for liner pool.

Skimmer for concrete



Skimmer for liner





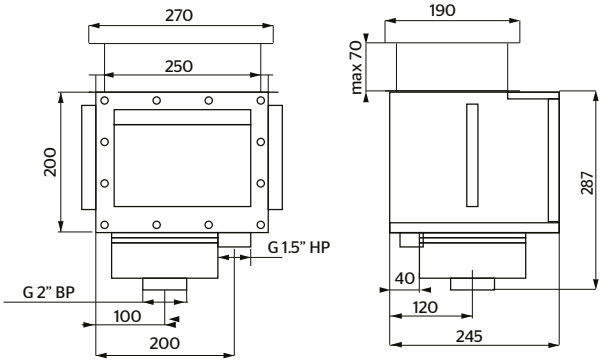
Code	Description	A	A1	B	C	C1	D	F	L	N	Weight	Volume
		(mm)									(kg)	(m^3)
0159222	Euro Skimmer ABS Concrete	470	44	250	620	120	137	551	32	250	5.3	0.183
0159227	Euro Skimmer ABS Liner	470	44	250	630	120	137	551	32	265	5.8	0.183

Skimmer AISI 316

Standard Skimmer AISI 316 - Concrete

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

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





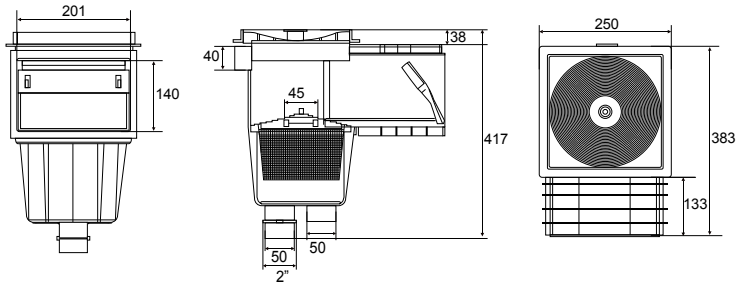


Pool Fittings
Skimmer AISI 316

Standard Skimmer with SS Face Plate for concrete

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



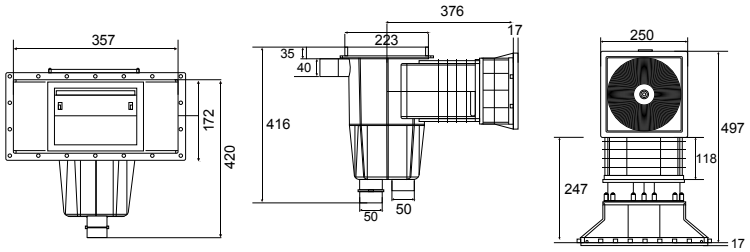


Code	Description	Weight	Volume
		(kg)	(m³)
015901010	Standard Skimmer ABS with SS Face plate concrete	3.75	0.062

Wide Mouth Skimmer with SS Face Plate for Concrete

Manufactured in UV treated white ABS with SS face plate in AISI 316. Supplied with top square lid and frame. Skimmer has 3 optional connections for bottom suction. 11/2" internal thread, 2" outer thread and Ø50mm inner wall for gluing. Recommended flow is 7.5m3/h.





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

ABS Inlets



Return Inlet ABS Threaded

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

Code	Description	Std packing	Volume
			(m³)
01592828-2	Return Inlet ABS threaded	24	0.020



Return Inlet ABS Slip Fit

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

Code	Description	Std packing	Volume
			(m³)
01592828	Return Inlet ABS Slip Fit	24	0.020

Pool Fittings
ABS Inlets

Return Inlet ABS Threaded for Liner

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



Code	Description	Std packing	Volume
			(m³)
01592828-3	Return Inlet ABS Threaded for Liner	12	0.020

Return Inlet ABS Threaded for Prefabricated

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



Code	Description	Std packing	Volume
			(m³)
01592836	Return Inlet ABS Threaded for Prefab	12	0.020

Suction Inlet ABS Threaded

Made in white ABS with 2" outer connection thread and Ø50 mm inner wall **for concrete pools**. Installed with female threaded wall conduits. Supplied with threaded plug of 1 1/2". Maximum pressure: 6 Bar



Code	Description	Std packing	Volume
			(m³)
01592827-2	Suction Inlet ABS threaded	24	0.020

Suction Inlet ABS Slip Fit

Made in white ABS with Ø63 mm outer connection and Ø50 mm inner wall **for concrete pools**. Installed with internal glue type wall conduits. Supplied with threaded plug of 1 1/2". Max pressure: 6 Bar



Code	Description	Std packing	Volume
			(m³)
01592827	Suction Inlet ABS Slip Fit	24	0.020

Suction Inlet ABS Threaded for Liner

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



Code	Description	Std packing	Volume
			(m³)
01592827-4	Suction Inlet ABS Threaded for Liner	12	0.020

Suction Inlet ABS Threaded for Prefabricated

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



Code	Description	Std packing	Volume
			(m³)
01592827-3	Suction Inlet ABS threaded for Prefab	12	0.020

Pool Fittings
ABS Inlets

Floor Inlet ABS Slip Fit

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



Code	Description	Std packing	Volume
			(m³)
01592825	Floor Inlet ABS Slip Fit	24	0.020

Floor Inlet ABS threaded

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



Code	Description	Std packing	Volume
			(m³)
01592825-2	Floor Inlet ABS Threaded	24	0.020

Floor Inlet ABS threaded for Liner

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





Code	Description	Std packing	Volume
		(m³)	(m³)
01592825-1	Floor Inlet ABS Threaded for Liner	12	0.020

Wall Return Inlet ABS Slip Fit

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



Code	Description	Std packing	Volume
		(m³)	(m³)
01592829	Wall Return Inlet ABS Slip Fit	12	0.020



Pool Fittings
SS Inlets

Return Inlet AISI 316

Direction-adjustable return inlet in polished stainless steel AISI 316 with outer thread with two connections - 1.5" and 2". Ø20 mm eyeball. Recommended flow: 4.5 m³/hr.



Code	Description	Length	Weight	Volume
		(mm)	(kg)	(m³)
01592858	Return Inlet AISI 316 1.5"	50	0.30	0.001
01592858-4	Return Inlet AISI 316 2"	50	0.66	0.001

Floor Inlet AISI 316

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



Code	Description	Length	Weight	Volume
		(mm)	(kg)	(m³)
01592862	Floor Inlet AISI 316	50	0.90	0.002

Adjustable Return Inlet AISI 316

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



Code	Description	Flow rate	Weight	Volume
		(m³/h)	(kg)	(m³)
01592859	Adjustable Return Inlet 2"	21.5	0.7	0.002
01592861	Adjustable Return Inlet 3"	40	1.1	0.003

Adjustable Floor Return Inlet

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



Code	Description	Flow rate	Weight	Volume
		(m³/h)	(kg)	(m³)
01592859-1	Adjustable Floor Inlet 2"	22	0.7	0.002
01592861-1	Adjustable Floor Inlet 3"	42	1.1	0.003

Suction Inlet AISI 316

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



Code	Description	Length	Weight	Volume
		(mm)	(kg)	(m³)
01592860	Suction Inlet AISI 316 1.5"	50	0.30	0.001
01592860-4	Suction Inlet AISI 316 2"	50	0.42	0.001

Suction Inlet with threaded cover AISI 316

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



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

Pool Fittings
Main Drains

Circular Main Drain

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



Code	Description	Std packing	Weight
			(kg)
01592832	Circular Main Drain Concrete	1	0.6
01592832-1	Circular Main Drain Liner	1	0.6

Anti-Entrapment Main Drain

Circular main drain in UV treated white ABS Ø210 mm, 2" threaded side outlets, anti-entrapment main drain grill fitted with screws. Max flow rate 13 m3/hr, designed for surface suction velocity not exceeding 0.5 m/s. For liner model supplied with self-adhesive gaskets, flange and screws.



Code	Description	Std packing	Weight
			(kg)
03100257	Circular Anti-Entrapment Drain Concrete	1	0.6
03100257-1	Circular Anti-Entrapment Drain Liner	1	0.6



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)
03100258	Square Main Drain Concrete	1	1
03100258-1	Square Main Drain Liner	1	1.2



Square Main Drain AISI 316

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

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

Drain Grilles



Circular Drain Grille ABS

Circular drain grille and ring support in white ABS. Ø200mm, supplied with fixing screws. Max flow rate 13 m³/hr.

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



Anti-Vortex Drain Grille ABS

Circular antivortex drain grille and ring support in white ABS. Ø170mm. Maximum flow rate 12 m³/hr.

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



Circular Drain with S.S. Grille

Support ring in UV treated white ABS, circular grille Ø200mm made of stainless steel AISI 316. Supplied with grille fixing screws. Recommended flow rate 13 m³/hr.

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



Anti-Vortex Drain Grille AISI 316

Support ring and circular grille Ø220mm made of stainless steel AISI 316. Supplied with grille Ø185mm and fixing screws. Recommended flow rate 14 m³/hr.

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

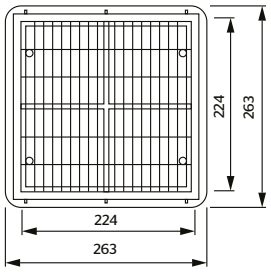
Pool Fittings
Anti-Suction Frame and Grate

Anti-Suction Frame and Grate ABS

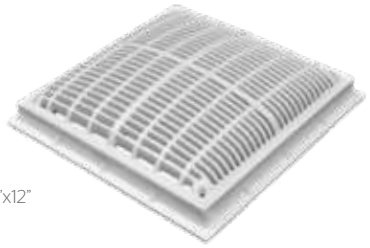
Square Frame and grate in UV treated white ABS for commercial pools. Available in three sizes.
Anti-Suction, curved surface design. VGB compliant and tested to ANSI/APSP-7, 2006 standards. Designed for surface suction velocity not exceeding 0.5 m/s.



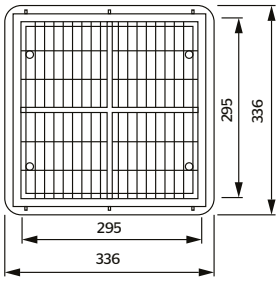
9"x9"







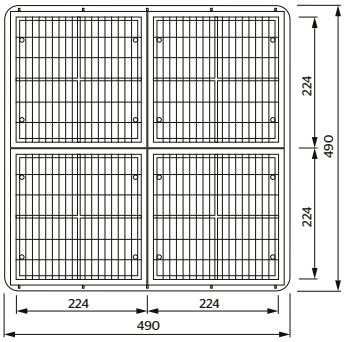
12"x12"







18"x18"





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



Frame and Grate ABS

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

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

Pool Fittings
Anti-Suction Frames and Grates

Frame and Grate Stainless Steel

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



Code	Description	Flow Rate	Weight	Size	Volume
		(m^3/h)	(kg)	(mm)	(m^3)
10528901	SS Frame & Grate 250 x 250mm	27	1.5	250 x 250	0.0033
10528121	SS Frame & Grate 300 x 300mm	43	2.2	300 x 300	0.0041
10528181	SS Frame & Grate 400 x 400mm	83	4	400 x 400	0.0059
10528182	SS Frame & Grate 500 x 500mm	136	4.5	500 x 500	0.0100

Anti-Vortex Frame and Grate AISI 316

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



Code	Description	Flow Rate	Weight	Size	Volume
		(m^3/h)	(kg)	(mm)	(m^3)
10528902	SS Frame & Grate AV 250 x 250mm	24	1.5	250 x 250	0.0033
10528130	SS Frame & Grate AV 300 x 300mm	41	2.2	300 x 300	0.0041
10528140	SS Frame & Grate AV 400 x 400mm	79	4	400 x 400	0.0059
10528150	SS Frame & Grate AV 500 x 500mm	128	4.5	500 x 500	0.0100

Anti-Suction Frame and Grate AISI 316

Anti-Suction, curved surface design. VGB compliant. Made of AISI 316 stainless with curved grille. Supplied with grille fixing screws. Available in three different sizes.



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

Pool Fittings
Wall Conduits



Wall Conduit ABS Threaded

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



Wall Conduit ABS Slip Fit

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



Wall Conduit ABS Threaded Concrete

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



Wall Conduit ABS Threaded Liner

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

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

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



Stainless Steel Wall Conduits

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

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



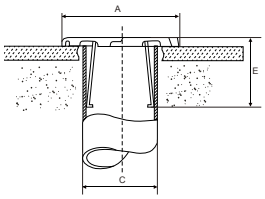
Overflow Gutter Drain AISI 316

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

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



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



Code	Description	Dimensions		Connections	Flow Rate	Weight	Volume
		(mm)		(mm)	(m^3/h)	(kg)	(m^3)
		ØA	ØE	ØC			
03100282	Gutter Drain 130mm w/ clamp	130	75	90 - 75	22	0.9	0.009



Overflow Gutter Drain with SS Grille

Overflow Gutter Drain made of white ABS with stainless steel AISI 316 grille, fixed with screws. 50mm with flow rate 4.5 m^3/hr and 63mm with a flow rate of 7 m^3/hr.

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



Overflow Gutter Drain ABS

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

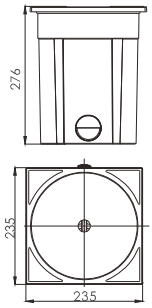
Code	Description	Standard Packing	Volume
			(m^3)
01592819	Overflow Gutter Drain 50mm	12	0.016
01592819-1	Overflow Gutter Drain 63mm	12	0.016

Pool Fittings
Water Level Regulators

Water Level Regulator

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





Code	Description	Weight	Volume	Std Packing
		(kg)	(m^3)	
01230007	Water Level Regulator ABS	2	0.016	1

Electronic Water Level Regulator

For Skimmer with Solenoid Valve

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



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

Electronic Water Level Regulator

For overflow pool

Level Regulator with graphical water level indicator for swimming pools and whirlpools with overflow channel. In addition to the water level control, the control system also contains a dry running protection and force the filter pump to switch-on.

5 or 6 stainless steel electrodes are hung in the collection tank and are connected to the control system to determine the water level. These electrodes have different colored wires and are available in two grades of SS. The electrode 6 (terminal 9) enables independent activation of the mode forced switch-on and water feed.



Code	Description	Power / Voltage / Phase	Dimension	Electrode Voltage
			(mm)	
01231202	Electronic Regulator for Overflow	0.5 KW/ 230V / Mono / 4A	220x220x100	12V

Spa Fittings
Accessories

Adjustable Jet Ø50x50

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



Code	Description	Weight (kg)	Volume (m³)	Std Packing
00590050	JET 50X50mm ABS	6.92	0.027	25
00590057	JET 50X50mm ABS with S.S. Trim	9.92	0.028	25

Adjustable Jet Ø 1.5"x1.5"

Made of White ABS for perfect gluing to PVC pipes. 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 (kg)	Volume (m³)	Std Packing
00590055	JET 1.5"X1.5" ABS	5.82	0.026	25
00590059	JET 1.5"X1.5" ABS with S.S. Trim	9.02	0.028	25

Adjustable Jet Ø 1"x 1" Chrome

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



Code	Description	Weight (kg)	Volume (m³)	Std Packing
00590060	JET 1" X 1" ABS with Chrome front	6.92	0.028	12

SPA Main Drain 2"

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



Code	Description	Weight (kg)	Volume (m³)	Std Packing
00590024	SPA Drain 2" ABS	2.92	0.0098	6
00590027	SPA Drain 2" ABS with S.S. Grille	4.53	0.0098	6



Adjustable Air Inlet

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

Code	Description	Weight (kg)	Volume (m³)	Std Packing
00590047-1	Adjustable Air Inlet	0.55	0.028	10
00590047	Adjustable Air Inlet chrome	0.55	0.028	10



Pneumatic Press Button

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

Code	Description	Weight (kg)	Volume (m³)	Std Packing
00590045-1	Pneumatic Press Button	0.52	0.078	10
00590045	Pneumatic Press Button Chrome	0.52	0.078	10



Pneumatic Switch

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

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

Spa Fittings
Accessories



Blower Nozzle

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

Code	Description	Weight	Volume	Std Packing
		(kg)	(m^3)	
00590062	Air Nozzle	0.5	0.004	24
00590063	Air Nozzle with S.S. trim	0.98	0.004	24



Flexible SPA Hose

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

Code	Description	Weight	Volume	Std Packing
		(kg)	(m^3)	
00590125	Flexible SPA Hose Ø25	2.0	0.080	1
00590132	Flexible SPA Hose Ø32	2.2	0.100	1
00590150	Flexible SPA Hose Ø50	2.5	0.257	1
00590163	Flexible SPA Hose Ø63	2.8	0.275	1





Single Push Button Controls

Electronic control system for SPA or whirlpool controls, switching On/Off by pressing one push button. Electronic motor protection with a setting range of 0 to 8A ensures optimum pump protection. The controller is standard equipped with an adjustable runtime limitation from 0 to 25 minutes.

Supplied with single push button switch in stainless steel cast, waterproof IP68, suitable for fitting below water surface, cable length of 1.5 m.

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

Code	Description	Diameter	Protection Class	Cable Length	Nominal Current
		(mm)		(m)	(mA)
00590701	SPA Electronic Control One Push Button	Ø28	IP68	1.5	150mA



Three Push Button Controls

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

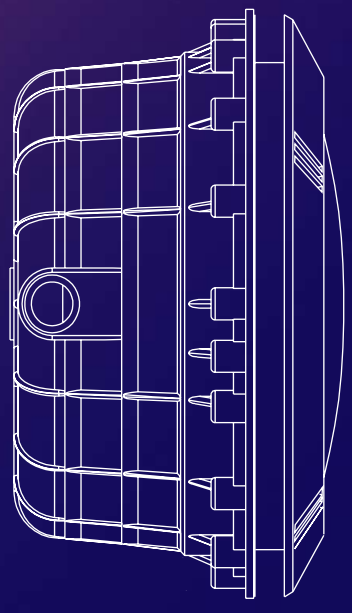
Code	Description	Weight	Volume	Std Packing
		(kg)	(m^3)	
00590700	SPA Electronic Control Three Push Button	3.97	0.032	1





ATECPOOL

POOL LIGHTING



ATECPOOL INTERNATIONAL GROUP

atecpool.com



POOL LIGHTING

ATECPOOL INTERNATIONAL GROUP

ATECPOOL UNDERWATER LIGHTING



ATECPOOL High quality LED underwater illumination for swimming pools, water features and spa. Advanced PWM technology enhanced IP68 lamps and design excellence combined with easy installation makes **ATECPOOL** underwater lights a value engineered product. We nurture latest technologies in pool lighting with lamps made fully resin filled, making 100% waterproof. Energy efficient LED for a green planet is our basic mission combined with best aesthetics to your pool. At **ATECPOOL** we consider swimming pool lighting as an art, where we excel in this art form, thanks to advanced technology and design excellence.

ATECPOOL underwater LED illumination, our pride in transforming your swimming pool lighting into unrivalled visual illusion.

ATECPOOL UNDERWATER LIGHTING







Commercial & Sports Lighting

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

Enjoy the power of LED
Super bright underwater lights

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

Atecpool EVA LED
Commercial & Sports Lighting

Atecpool Eva A Series for surface mounting

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



71790

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

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



Atecpool EVA A6 with coverplate

Atecpool EVA A12 with coverplate

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

Atecpool Eva A Series Extension kit for surface mounting



71681

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

Atecpool A Series Installation Housing for Concrete Pool



71670

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

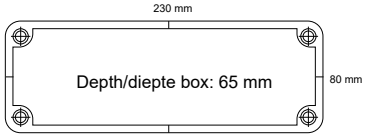
Atecpool Eva A Series, Installation Housing in ABS for Liner pool



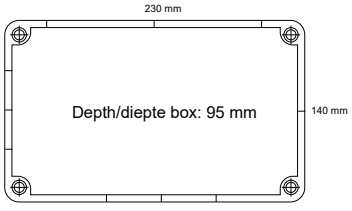
71675

Code	Description
71675	Installation Hosing
	Rubber Ring (2 mm)
	Ring (3 mm)
	Cover Ring
	Cable-gland
	Washer
	Seal
	Hose Barb
	Hose
	Screws M5x25

Power Box A6 Mono for fixed colour



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



Atecpool EVA LED
Spa Lighting

Atecpool Eva Q Series for surface mounting

Atecpool EVA Q2 LED for surface mounting



71773

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

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



Atecpool EVA Q2 with flat coverplate for concrete



Atecpool EVA Q2 with coverplate flanged edge for liner

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

Atecpool Eva Q Series Extension kit for surface mounting



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

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



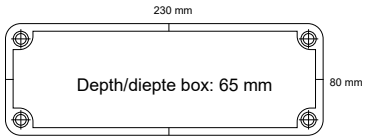
Code	Description
71691	Tube
	Cable-gland
	S.S 316 Niche
	Bolt M4X20

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

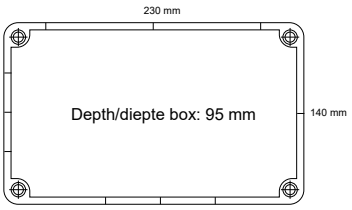


Code	Description
71693	Tube
	Cable Gland
	S.S 316 Niche
	Bolt M4X20
	EPDM Packing
	Stainless Steel Ring
	Installation Sleeve
	Bolt M6X16
	M3 nut
	Plastic fitting ring

Power Box Q2 / B1 Mono for fixed colour



Power Box Q2 / B1 RGBW for multi colour



Atecpool ArchiTech EVO DMX control unit
Accessories DMX & Dimming electronics

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



Code	No.	Description
71783		Dimming Pack for all Models Except RGBW Lights
71785		Remote Control Multicolour / RGBW Lights Standard
71787		DMX Control EVO-Touch Screen HR OLED Display
71789		DMX Cable / Per Meter
71791		EVA Aqua cable RGBW 7 x 0,5 MM2 / Per Meter

ATECPOOL 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)

Connection types

End connection



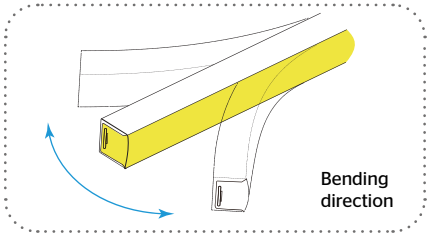
Side connection

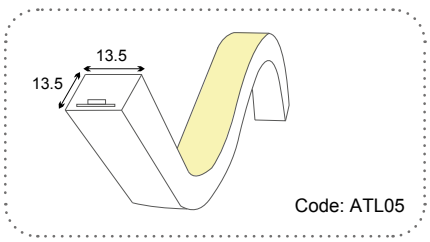


Rear connection



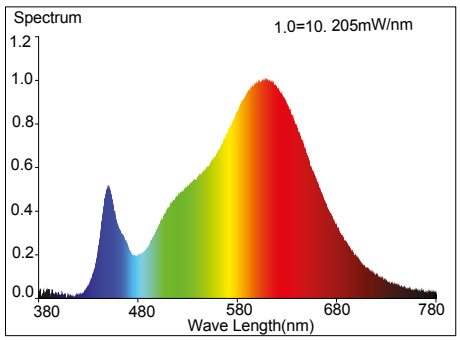
Model	Wave Compak LED Neon Strip
Code	ATL05
Type of Light	SMD3528
Colour Temperature /Selection	6500K / 5000K / 3000K / 2700K BLUE / RED / GREEN/
Material used	ECO PVC
Operating Voltage	24V DC
Power Consumption	10W / m
Lumen (lm)	550 lm
LED Quantity / m	144 pcs
Min Cutting Length	3.28" / 8.33 cm
Max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

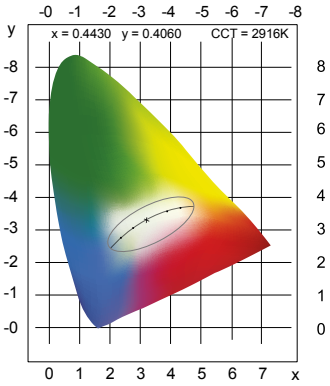




Wave Compak LED Neon Strip - ATL05 3000K

Photometrics Data:





Color Parameters - ATL05 3000K

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

Photo Parameters

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

Electrical Parameters

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





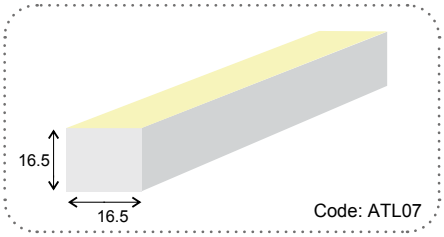
Atecpool LED Strip IP68
Wave Linear

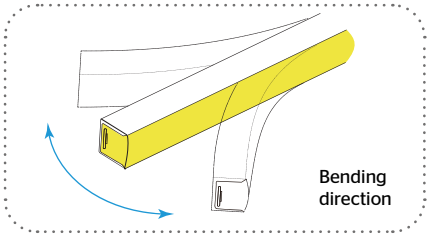
Atecpool Wave Linear LED Strip IP68

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



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





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

Connection types

End connection



Side connection



Rear connection





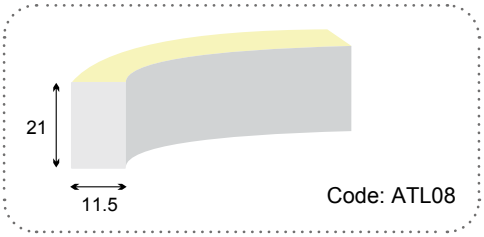
Atecpool LED Strip IP68
Curve Linear

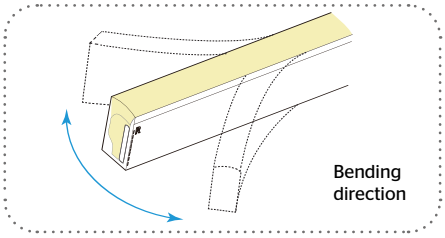
Atecpool Curve Linear LED Strip IP68

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



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





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

Connection types

End connection

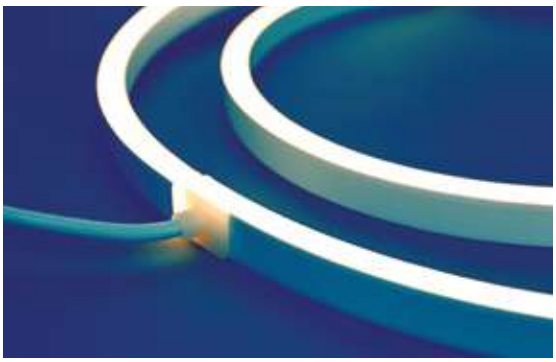


Side connection



Rear connection





ATECPOOL UNDERWATER LIGHTING

Radiant LED PAR 56 bulb for recessed underwater lighting

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



PAR56 - 30W

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

PAR56 - 33W

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

Underwater Radiant LED

"Adding light to your life"



Remotely controlled colour sequence arranged in 16 programs



LED modulator

2 CORE connection

-WITH REMOTE CONTROL-



ECO friendly

2 years warranty

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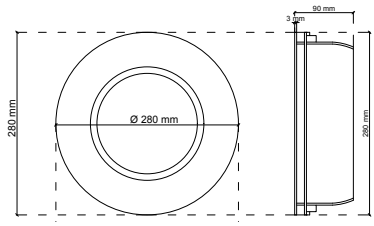
Atecpool Euro LED
12V AC - IP68

Euro LED PAR 56 SMD

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



Code	81755CW	81762WW	81771B
Color	Cool white	Warm White	BLUE
LED Type	SMD LED	SMD LED	SMD LED
LED Quantity	72	72	72
Power	30 W	30 W	30 W
Input Voltage	12V AC	12V AC	12V AC
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Lumen	3200 lm	2500 lm	680 lm
Cable Specification	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
IP Class	IP68	IP68	IP68
Max. Life Span	50000 hours	50000 hours	50000 hours



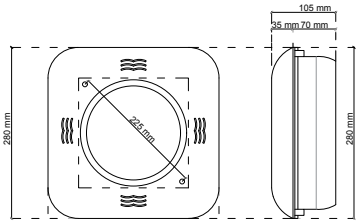
Euro Square LED PAR 56 SMD

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





Code	82755CW	82762WW	82771B
Color	Cool white	Warm White	BLUE
LED Type	SMD LED	SMD LED	SMD LED
LED Quantity	81	81	81
Power	30 W	30 W	30 W
Input Voltage	12V AC	12V AC	12V AC
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Lumen	3200 lm	2500 lm	680 lm
Cable Specification	2 x 1.5 mm²	2 x 1.5 mm²	2 x 1.5 mm²
IP Class	IP68	IP68	IP68



Radiant LED PAR 56 SMD Bulb

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


92001


92005

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

Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

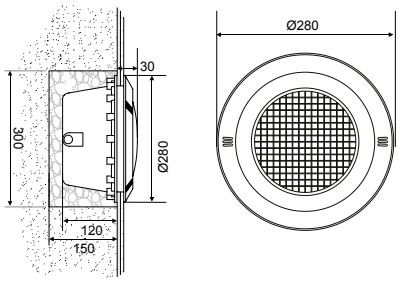
Fast Return on Investment

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

Atecpool Radiant LED PAR56 Underwater Lighting

Radiant LED PAR 56 Underwater Lighting achieves power savings of more than 90% over traditional lighting. Available for concrete, liner and pre-fabricated pools with choice of LED in Cool White, Warm White, Blue and RGB (colour changing).

12V AC power supply input with 2 core cable selection of Radiant LED PAR 56 lamps for any choice of LED including RGB. RGB LEDs are synchronized using Atecpool LED Modulators with a remote control system. IP68 waterproof.



Radiant LED PAR56 Lighting – Concrete pools



81300-09 RGB

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

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

Radiant LED PAR56 Lighting – Liner pools



81301-09 RGB

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

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

Radiant ECO LED PAR56 Lighting – Concrete pools



84310-09 RGB

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

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

Radiant ECO LED PAR56 Lighting – Liner pools



84325-09 RGB

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

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

SPECTRA-SLIM LED LIGHTING

2 years warranty



91252 RGB

Spectra-Slim LED Lighting ABS

High Power Ultra Slim LED

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



93252 RGB

Spectra-Slim LED Lighting S.S.

High Power Ultra Slim LED

Super bright Ultra Slim LED Panel underwater lights for swimming pools and spa. Made of Stainless Steel AISI 316 with resin filled bulbs. The SS316 frame has state of art design to suit any niches using an installation adaptor kit. 100% acid-proof, alkali-proof and UV resistant. Low power consumption, high stability and completely waterproof.



Adaptor Kit
Niche

Spectra-Slim

Installation Accessories / Adaptor Kit

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

LED modulator

2 CORE connection
-WITH REMOTE CONTROL-



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Spectra-Slim LED Lighting ABS and SS 316
High Power Slim LED

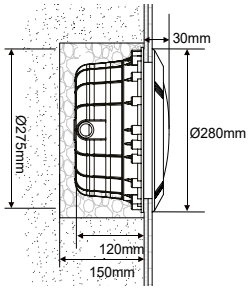
Atecpool Spectra-Slim LED Panel ABS and S.S. 316 Lighting

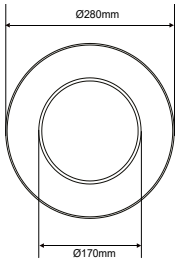
Super bright Ultra Slim LED panel underwater lights for swimming pools and spa. Made of ABS and stainless steel AISI 316 with resin filled bulbs which are 100% acid-proof, alkali-proof and UV resistant and ABS niche. Low power consumption, high stability, IP68 waterproof. Models available in RGB, Cool White, Warm White and Blue colour.
Supplied with 3m 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 and S.S. frame is compatible to any size niches using the installation adaptor kit supplied along with the lights.


91252 RGB

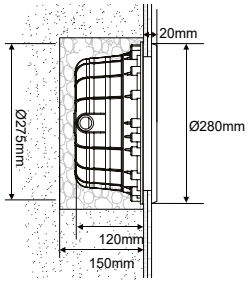

93252 RGB

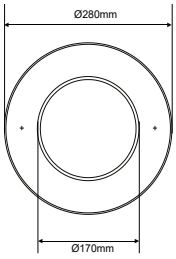
Spectra-Slim LED Panel ABS





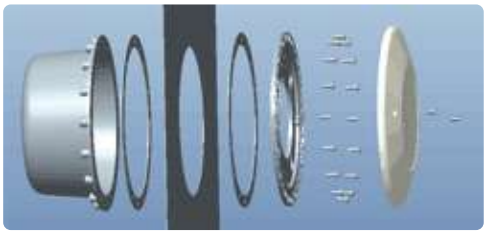
Spectra-Slim LED Panel SS

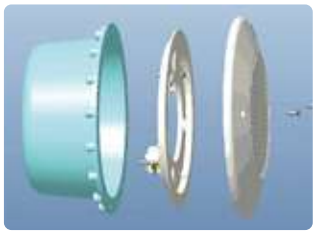




Concrete, Liner and Pre-fabricated pools
Easy installation

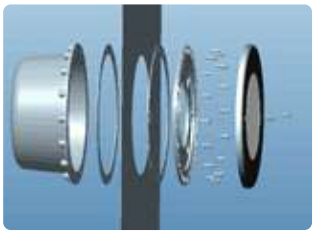
Atecpool Spectra-Slim LED panel ABS lighting can be used for concrete, liner and pre- fabricated pools. Thanks to the installation adaptor kit supplied along with the lights it is possible to install in concrete, liner or pre-fabricated pools.

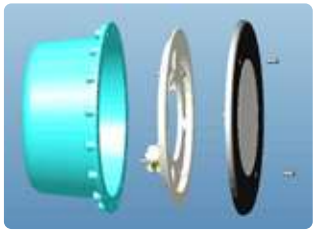

Liner


Concrete


ABS niche


Adaptor Kit

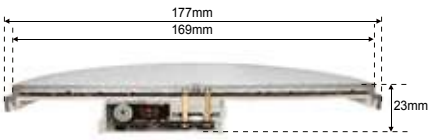

Liner

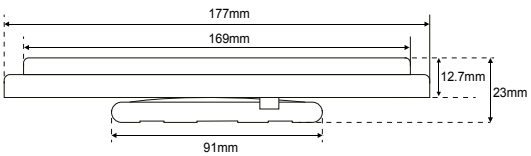

Concrete

Atecpool Spectra-Slim LED Panel Bulb

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







Spectra-Slim LED Panel Bulb - Specification

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

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

Spectra-Slim LED Lighting ABS
High Power Slim LED



Atecpool Spectra-Slim LED Panel ABS Lighting - Specification

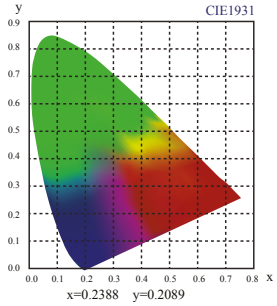
Atecpool Spectra-Slim LED Panel ABS Lights available in 3 power outputs combined with 3 different LED quantities.

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

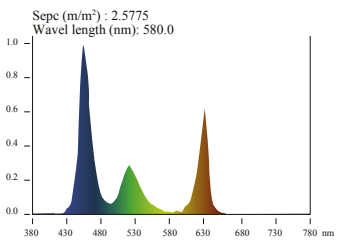
Code	Description	Power / Voltage	Lumen	Color Temperature
91252 RGB	Spectra Panel 252 LED RGB ABS w/ niche	18W/12V AC	925 lm	RGB 16 modes
91252 CW	Spectra Panel 252 LED Cool White ABS w/ niche	21W/12V AC	2100 lm	6500K
91252 WW	Spectra Panel 252 LED Warm White ABS w/ niche	21W/12V AC	1920 lm	2700K
91252 B	Spectra Panel 252 LED Blue ABS w/ niche	21W/12V AC	470 lm	Single Blue

Photometrics - 91252 RGB 18W 252 LED / 12V AC

CCT (K)	100000
Candle E (fc)	162.97
CCT (K)	100000
CCT (K)	100000

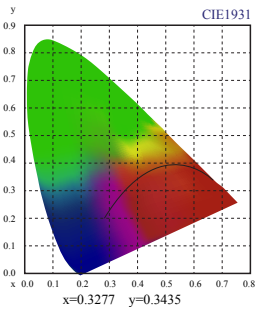


CCT (K)	100000
Candle E (fc)	162.97
CCT (K)	100000
CCT (K)	100000
x, y	0. 2388, 0. 2089
u, v	0. 1899, 0. 2492

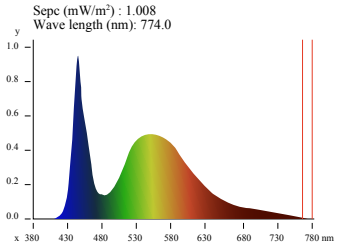


Photometrics - 91252 CW 21W 5700K LED / 12V AC

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



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

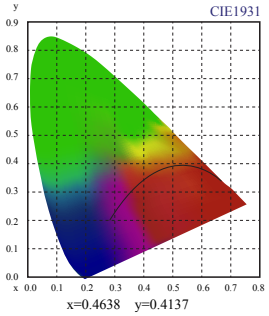


Spectra-Slim Panel 432 LED ABS Lighting 30/33W

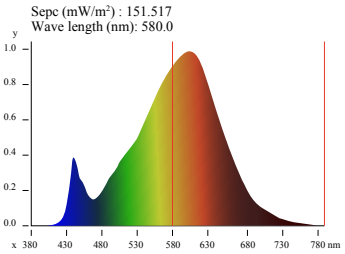
Code	Description	Power / Voltage	Lumen	Color Temperature
91432 RGBW	Spectra Panel 180 LED RGBW ABS w/ niche	33W/12V AC	2600 lm	RGB 16 modes/W 2700K
91432 RGB	Spectra Panel 432 LED RGB ABS w/ niche	30W/12V AC	1550 lm	RGB 16 modes
91432 CW	Spectra Panel 432 LED Cool White ABS w/ niche	33W/12V AC	3300 lm	6500K
91432 WW	Spectra Panel 432 LED Warm White ABS w/ niche	33W/12V AC	2600 lm	2700K
91432 B	Spectra Panel 432 LED Blue ABS w/ niche	33W/12V AC	720 lm	Single Blue

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

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



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



Spectra-Slim Panel 531 LED ABS Lighting 55/60W

Code	Description	Power / Voltage	Lumen	Color Temperature
91531 RGB	Spectra Panel 531 LED RGB ABS w/ niche	55W/12V AC	2380 lm	RGB 16 modes
91531 CW	Spectra Panel 531 LED Cool White ABS w/ niche	60W/12V AC	5500 lm	6500K
91531 WW	Spectra Panel 531 LED Warm White ABS w/ niche	60W/12V AC	4950 lm	2700K
91531 B	Spectra Panel 531 LED Blue ABS w/ niche	60W/12V AC	1450 lm	Single Blue

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



Atecpool Spectra-Slim 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

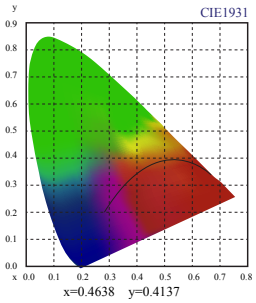
Code	Description	Power / Voltage	Lumen	Color Temperature
93252 RGB	Spectra Panel 252 LED RGB S.S. 316 w/ ABS niche	18W/12V AC	925 lm	RGB 16 Mode
93252 CW	Spectra Panel 252 LED Cool White S.S. 316 w/ ABS niche	21W/12V AC	2100 lm	6500K
93252 WW	Spectra Panel 252 LED Warm White S.S. 316 w/ ABS niche	21W/12V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

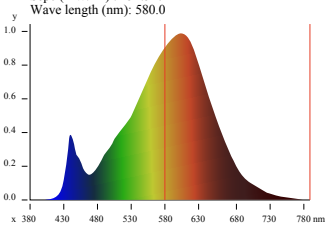
Code	Description	Power / Voltage	Lumen	Color Temperature
93432 RGBW	Spectra Panel 180 LED RGBW S.S. 316 w/ ABS niche	33W/12V AC	2600 lm	RGB 16 modes/W 2700K
93432 RGB	Spectra Panel 432 LED RGB S.S. 316 w/ ABS niche	30W/12V AC	1550 lm	RGB 16 Mode
93432 CW	Spectra Panel 432 LED Cool White S.S. 316 w/ ABS niche	33W/12V AC	3300 lm	6500K
93432 WW	Spectra Panel 432 LED Warm White S.S. 316 w/ ABS niche	33W/12V AC	2600 lm	2700K
93432 B	Spectra Panel 432 LED Blue S.S. 316 w/ ABS niche	33W/12V AC	720 lm	Single Blue

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

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



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

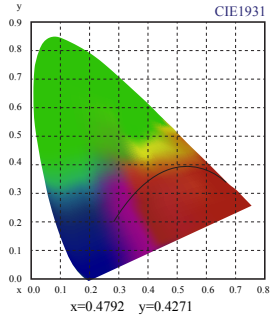


Spectra-Slim Panel 531 LED S.S. 316 Lighting 55/60W

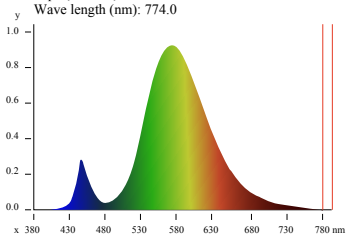
Code	Description	Power / Voltage	Lumen	Color Temperature
93531 RGB	Spectra Panel 531 LED RGB S.S. 316 w/ ABS niche	55W/12V AC	2380 lm	RGB 16 Mode
93531 CW	Spectra Panel 531 LED Cool White S.S. 316 w/ ABS niche	60W/12V AC	5500 lm	6500K
93531 WW	Spectra Panel 531 LED Warm White S.S. 316 w/ ABS niche	60W/12V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

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

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



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



Spectra Extra Flat LED Lighting
S.S. 316 Surface Mounted

Atecpool Spectra Extra Flat LED S.S. 316 Lighting

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

Specifications

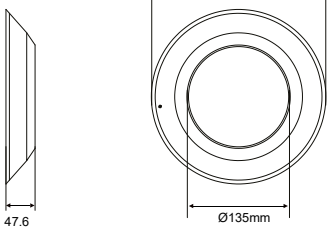
- Electrical Connection: 12V AC
- Complete with 2 core 2X1.0 mm² cable
- Construction: Moulded housing S.S. AISI 316
- Protection Class: IP68
- Lamp life: approx. 60,000 hrs
- Supplied with 3.5 m cable
- 16 programs with synchronization capability

Features

- Quality Resin filled lamps provides 100% waterproof assurance.
- Consumes 90% less energy than traditional lighting.
- High temperature protection guarantees the long life of LEDs.
- True PWM Technology is adopted.
- No niche, easy installation.
- Lights can be wired to any 12V/AC transformer.



20524



LED Modulator



2 CORE connection
-WITH REMOTE CONTROL-

Code	Description	Power / Voltage	Lumen	Color Temperature
20524	Spectra Extra Flat RGB S.S 316	18W / 12 VAC	925 lm	RGB 16 Mode
20528	Spectra Extra Flat Cool White S.S 316	21W / 12 VAC	2100 lm	6500K
20532	Spectra Extra Flat Warm White S.S 316	21W / 12 VAC	1920 lm	2700K
20536	Spectra Extra Flat Blue S.S 316	21W / 12 VAC	470 lm	Single Blue

Easy Colour Picker

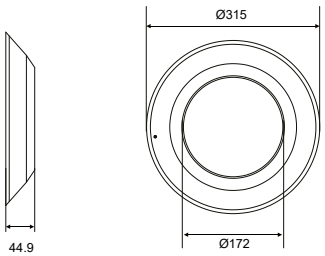
International Safety Tested IEC EN 60598-2-18

Fast Return on Investment

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



20734



Code	Description	Power / Voltage	Lumen	Color Temperature
20734	Spectra High Power Extra Flat RGB S.S 316	30W / 12 VAC	1550 lm	RGB 16 Mode
20738	Spectra High Power Extra Flat Cool White S.S 316	33W / 12 VAC	3300 lm	6500K
20742	Spectra High Power Extra Flat Warm White S.S 316	33W / 12 VAC	2600 lm	2700K
20746	Spectra High Power Extra Flat Blue S.S 316	33W / 12 VAC	720 lm	Single Blue

Lumina Extra Flat LED Lighting
ABS Surface Mounted

Atecpool Lumina Extra Flat Panel LED ABS Lighting

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

Specifications

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

Features

- Quality Resin filled lamps provides 100% waterproof assurance.
- Consumes 90% less energy than traditional lighting.
- High temperature protection guarantees the long life of LEDs.
- True PWM technology is adopted.
- No niche, easy installation.
- Lights can be wired to any 12V/AC transformer.

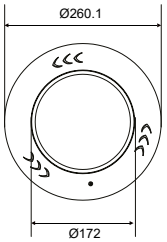


21814

Code	Description	Power / Voltage	Lumen	Color Temp.
21814	Lumina Extra Flat Panel 252 LED RGB ABS	18W / 12 VAC	925 lm	RGB 16 Mode
21818	Lumina Extra Flat Panel 252 LED Cool White ABS	21W / 12 VAC	2100 lm	6500K
21822	Lumina Extra Flat Panel 252 LED Warm White ABS	21W / 12 VAC	1920 lm	2700K
21826	Lumina Extra Flat Panel 252 LED Blue ABS	21W / 12 VAC	470 lm	Single Blue







Atecpool Lumina Extra Flat 199 LED ABS Lighting

Lumina Extra Flat LED ABS underwater light for wall mounting with 199 LED offering sixteen colour changing modes. The lights can be wired to any 12V/AC transformer. Models available in RGB, Cool White, Warm White and Blue colour. RGB lights works with the Atecpool LED modulator. There is a remote control system for synchronization.

Specifications

- Electrical Connection: 12V AC
- Complete with 2 core 2X1.0 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.



20814

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

ATECPOOL ULTRA THIN MINI LED LIGHTING



AF16010

Ultra Thin Mini ABS LED Lighting

Ultra Thin Lights

Resin filled ultra thin mini ABS LED lighting for surface mounting.
Ø160 mm x 7.5 mm (10W).
Color temp. 6500K, 2700K - 3000K Blue



20768

Extra Flat Mini S.S. LED Lighting

Extra Flat Lights

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

Ultra Thin LED Lighting
12V AC/DC - IP68

Atecpool Ultra Thin Surface LED ABS and Stainless Steel AISI 316

Fully resin filled, ultra thin panel LED for surface mounting installations. Available in ABS and stainless steel AISI 316 fixture. ABS thickness upto 7.5 mm and stainless steel upto 4 mm thick. Beam Angle: 120°. Supplied with 2 m length, 2x1mm2 cable for 12VAC LEDs and 4x0.5mm2 cable for 12VDC LEDs.



AF23035WW



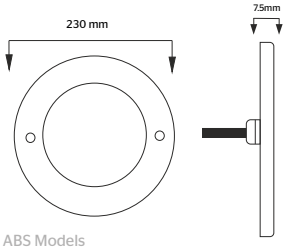
AF23035SRGB

Atecpool Ultra Thin Surface LED ABS and Stainless Steel

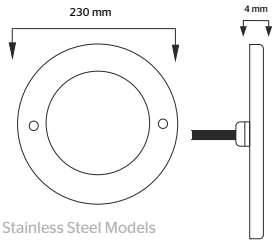
230 mm DIA available in 18W (252 LED) / 25W (324 LED) and 35W (432 LED) output.

Ultra Thin ABS LED 230 mm DIA / 7.5 mm THICK

Code	Model	Power / Voltage	Color Temp
AF23035WW	Ultra Thin 432 LED ABS Warm White	35W / DC 12V	2700K
AF23035CW	Ultra Thin 432 LED ABS Cool White	35W / DC 12V	6500K
AF23035RGB	Ultra Thin 432 LED ABS RGB	35W / DC 12V	RGB
Ultra Thin SS LED 230 mm DIA / 4 mm THICK			
AF23035SWW	Ultra Thin 432 LED SS Warm White	35W / 12V AC/DC	2700K
AF23035SCW	Ultra Thin 432 LED SS Cool White	35W / 12V AC/DC	6500K
AF23035SRGB	Ultra Thin 432 LED SS RGB	35W / 12V AC/DC	RGB



ABS Models



Stainless Steel Models



AF16010WW

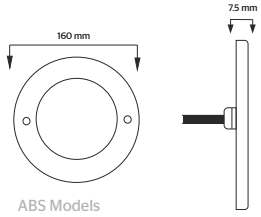


AF16010SWW

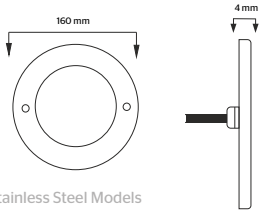
Atecpool Ultra Thin Surface LED ABS and Stainless Steel

Ultra Thin ABS LED 160 mm DIA /7.5 mm THICK

Code	Model	Power / Voltage	Color Temp.
AF16010WW	Ultra Thin 108 LED ABS Warm White	10W / DC 12V	2700K
AF16010CW	Ultra Thin 108 LED ABS Cool White	10W / DC 12V	6500K
AF16010RGB	Ultra Thin 108 LED ABS RGB	10W / DC 12V	RGB
Ultra Thin SS LED 160 mm DIA / 4 mm THICK			
AF16010SWW	Ultra Thin 108 LED SS Warm White	10W / 12V AC/DC	2700K
AF16010SCW	Ultra Thin 108 LED SS Cool White	10W / 12V AC/DC	6500K
AF16010SRGB	Ultra Thin 108 LED SS RGB	10W / 12V AC/DC	RGB



ABS Models



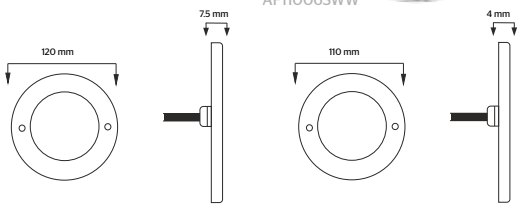
Stainless Steel Models



AF12006WW



AF11006SWW



Atecpool Ultra Thin Surface LED ABS

Ultra Thin ABS LED 120 mm DIA / 7.5 mm THICK

Code	Model	Power / Voltage	Color Temp.
AF12006WW	Ultra Thin 63 LED ABS Warm White	6W / DC 12V	2700K
AF12006CW	Ultra Thin 63 LED ABS Cool White	6W / DC 12V	6500K
AF12006RGB	Ultra Thin 63 LED ABS RGB	6W / DC 12V	RGB
Ultra Thin SS LED 110 mm DIA / 4 mm THICK			
AF11006SWW	Ultra Thin 63 LED SS Warm White	6W / 12V AC/DC	2700K
AF11006SCW	Ultra Thin 63 LED SS Cool White	6W / 12V AC/DC	6500K
AF11006SRGB	Ultra Thin 63 LED SS RGB	6W / 12V AC/DC	RGB

Extra Flat Mini SS LED Light
AISI 316L Design LED

Atecpool Extra Flat Mini SS Design LED

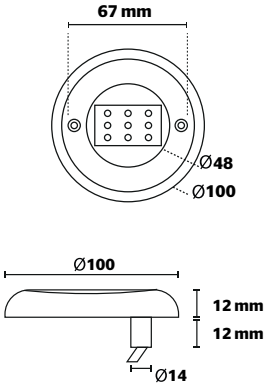
Fully resin filled panel LED for surface mounting installations in stainless steel construction in AISI 316L. Design LED selected for special water effects.. Color temperature: 6500K, 3000K/2700K and RGB. Sizes: Ø100mm x 12mm, Ø150mm x 18mm, Ø180mm x 18mm.

Extra Flat Mini SS 9 LED Lights



20768

Code	20768	20765	20769
Power	10 W	10 W	10 W
Led type	CREE XPE LED		
Construction	Stainless Steel AISI 316		
Luminous Flux	600 lm	550 lm	330 lm
CCT Selection	6500K	2700K	3000K to 2700K
Color code	Cool White	Warm White	RGB
Beam angle	120°	120°	120°
Dimension (Ø x height)	100 x 12 mm	100 x 12 mm	100 x 12 mm
Net Weight		0.165 kg	
Input Voltage	12V DC	12V DC	24V DC
Insulation class / Rating	Class III / IP68		

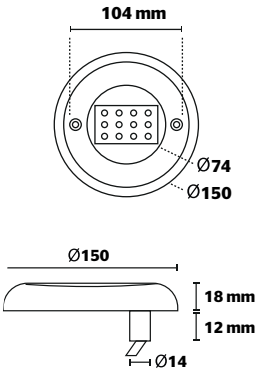


Extra Flat Mini SS 12 LED Lights



20791

Code	20791	20770	20792
Power	18 W	18 W	18 W
Led type	CREE XPE LED		
Construction	Stainless Steel AISI 316		
Luminous Flux	925 lm	850 lm	680 lm
CCT Selection	6500K	2700K	3000K to 2700K
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 DC	12V DC	24V DC
Insulation Class/ Rating	Class III / IP68		

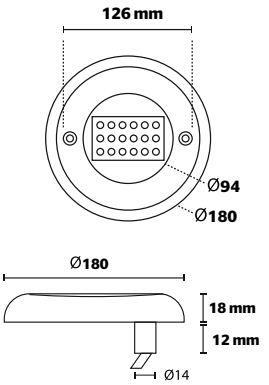


Extra Flat Mini SS 18 LED Lights



20795

Code	20795	20794	20796
Power	25 W	25 W	25 W
Led type	CREE XPE LED		
Construction	Stainless Steel AISI 316		
Luminous Flux	2100 lm	1920 lm	1015 lm
CCT Selection	6500K	2700K	3000K to 2700K
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 DC	12V DC	24V DC
Insulation Class/ Rating	Class III / IP68		



ATECPOOL LUMINA MINI SPA LED



20444

Lumina Mini S.S. 316

Super bright lights

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



20224S

Lumina Mini ABS S.S. 316 trim

Super bright lights

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



20224

Lumina Mini ABS

Super bright lights

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

LED modulator

2 CORE connection

-WITH REMOTE CONTROL-



2 years warranty

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Lumina Mini Spa LED Lighting
Stainless Steel 316

Atecpool Lumina Mini Spa LED Panel Lighting S.S. 316

Lumina Mini SPA lighting in stainless steel AISI 316. Quick push-fit connections to solvent weld wall conduit Ø63 mm. Fully resin filled panel LED offering sixteen colour changing functions in RGB mode. Light available in RGB, Cool White, Warm White and Blue colour options. RGB Lights are synchronized using Atecpool LED Modulators with remote control system. Maximum power consumption of 9W and can be connected to a 12V/AC transformer.

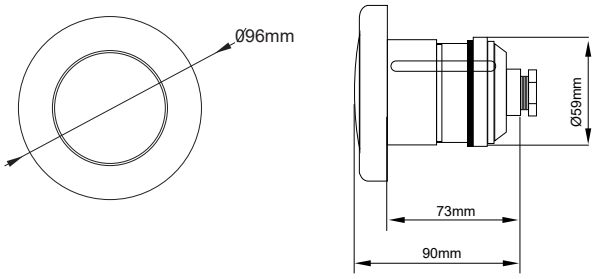
Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment

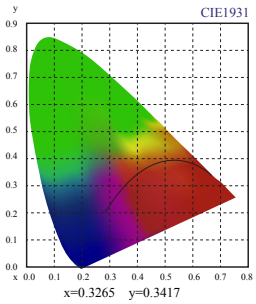


20444RGB

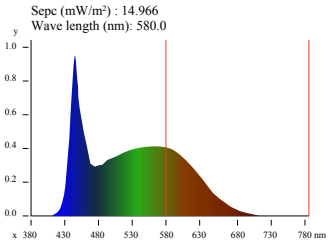


Photometrics - 20444 CW 9W 5700K LED / 12V AC

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



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



Specifications

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

Features

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

Code	Model	Power / Voltage	Lumen (lm)	Color Temperature
20444RGB	Lumina Mini Spa LED S.S RGB	9W / 12V	400	RGB 16 Mode
20444CW	Lumina Mini Spa LED S.S Cool White	9W / 12V	720	6500K
20444WW	Lumina Mini Spa LED S.S Warm White	9W / 12V	640	2700K
20444B	Lumina Mini Spa LED S.S Blue	9W / 12V	220	Single Blue



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

Atecpool Lumina Mini Spa LED Panel Lighting - ABS with S.S. trim & ABS

Lumina Mini SPA lighting in ABS with quick connections to 2" threaded wall conduit. Fully resin filled panel LED offering sixteen colour changing functions in RGB mode. Light available in RGB, Cool White, Warm White and Blue colour options. RGB Lights are synchronized using Atecpool LED Modulators with remote control system. Maximum power consumption of 7W and can be connected to a 12V/AC transformer.

Easy Colour Picker

International Safety Tested IEC EN 60598-2-18

Fast Return on Investment

Specifications

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

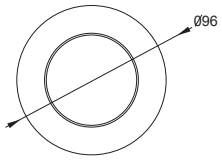
Features

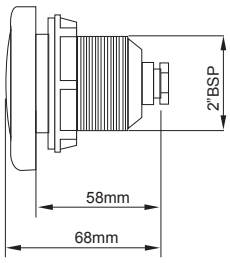
- Consumes 90% less energy than traditional lighting.
- Eco-friendly, no radiation.
- Low power consumption, low heat dissipation.
- Light transmission rate up to 92%.
- PWM technology adopted
- 2" threaded wall conduits suitable for quick connections Lumina Mini ABS Spa Lights

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



20224S RGB







Lumina Mini Spa Panel Lighting with SS faceplate and ABS niche



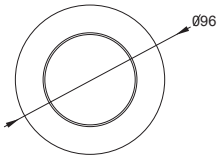
20204S RGB

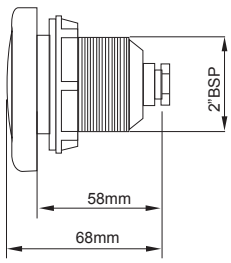
Code					
Threaded Type	**Niche Type**	**Model**	**Power / Voltage**	**Lumen (lm)**	**Color Temperature**
20224S RGB	20204S RGB	Lumina Mini LED ABS with S.S. trim RGB	6W / 12V	350	RGB 16 Mode
20224S CW	20205S CW	Lumina Mini LED ABS with S.S. trim Cool White	7W / 12V	600	6500K
20224S WW	20206S WW	Lumina Mini LED ABS with S.S. trim Warm White	7W / 12V	560	2700K
20224S BLUE	20207S BLUE	Lumina Mini LED ABS with S.S. trim Blue	7W / 12V	165	Single Blue

Lumina Mini Spa LED Panel Lighting - ABS



20224 RGB





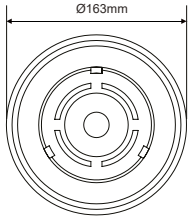


Lumina Mini Spa Panel Lighting with niche and face-plate in ABS



20204 RGB

Code					
Threaded Type	**Niche Type**	**Model**	**Power / Voltage**	**Lumen (lm)**	**Color Temp.**
20224 RGB	20204 RGB	Lumina Mini LED ABS RGB	6W / 12V	350	RGB 16 Mode
20224 CW	20205 CW	Lumina Mini LED ABS Cool White	7W / 12V	600	6500K
20224 WW	20206 WW	Lumina Mini LED ABS Warm White	7W / 12V	560	2700K
20224 BLUE	20207 BLUE	Lumina Mini LED ABS Blue	7W / 12V	165	Single Blue

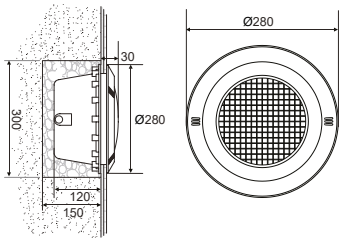


20204 RGB

Atecpool ABS Halogen Lights
For concrete, liner and pre-fabricated pool

Atecpool ABS Halogen Standard Lights 300W / 12V

Frame made of white ABS, niche in white plastic. Complete with a 300W / 12V PAR56 bulb and 2X4 mm² cable of 3 m length. Two alternative cable outlets on the niche to pass through side or bottom. The light fixture is designed with additional cooling vents for halogen bulbs. Faceplate screwed directly to the niche using S.S. locking mechanisms holding the fixture tight. IP68 waterproof.



Specifications

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

Atecpool ABS Halogen Light - Concrete



81300

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

Atecpool ABS Halogen Light - Liner



81301

Code	Description	Packing	Weight (kg)
81301	ABS Light 300W / 12V with niche liner	1	3.15
82301	ABS Light 300W / 12V with niche S.S. trim liner	1	3.45

Atecpool ABS Halogen Light - Pre-fabricated



84300

Code	Description	Packing	Weight (kg)
84300	ABS Light 300W / 12V with niche pre-fabricated	1	3.20
82302	ABS Light 300W / 12V with niche S.S. trim pre-fabricated	1	3.55

Niche for underwater ABS Lights



01580

Made in white plastic with option for two alternative cable outlets on the niche, side or bottom. Niches standard for underwater lights codes (81300, 82300, 81301, 82301, 84300, 82302) Niches supplied without cable.

Code	Description	Packing
01580	Niche for 300W / 12V ABS Standard Lights	4

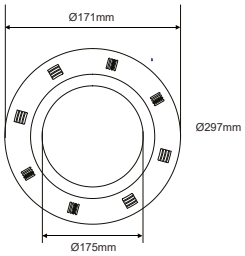
Atecpool Extra Flat ABS Lights
ABS Extra Flat for Concrete

Atecpool Extra Flat ABS Light 100W / 12V

Flat type surface mounted 100W / 12V halogen underwater light Body and rim made of white ABS. Supplied with 3m, 2 core 1.5 mm² cable, niche not required for installation. Fixing to the wall using reinforced plastic cross, plugs and screws. IP68 waterproof.



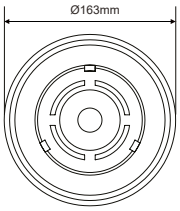
81100



Code	Description	Weight kg	Volume m³
81100	ABS Extra Flat 100W / 12V	2.25	0.014

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

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





81050

Code	Description	Weight kg	Volume m³
81050	ABS Spa Mini Light 50W / 12V with niche concrete	2.25	0.014
81050 S	ABS Spa Mini Light 50W / 12V with niche concrete S.S. trim	3.15	0.014



81150

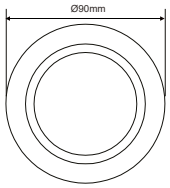
Code	Description	Weight kg	Volume m³
81150	ABS Spa Mini Light 50W / 12V with niche liner	2.50	0.014
81150 S	ABS Spa Mini Light 50W / 12V with niche liner S.S. trim	3.65	0.014

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

Atecpool Spa Mini Dichro Light 50W / 12V halogen underwater light. Made of white ABS. The fixture uses aluminised 50W / 12V halogen lamp with a 38º beam angle at 4 m distance with an illuminated circle of 2.5 m. Supplied with 3 m, HO7RN-F cable (2 core 1.5mm²). Easy installation with push-fit and threaded connections to wall conduits.



80050



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

Code	Description	Weight kg	Volume m³
80050	ABS Spa Mini Dichro Light 50W / 12V slip fit	2.50	0.014



88050

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

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

Atecpool Vitrage LED Light
3 LED Series



Atecpool Vitrage 3 LED Underwater Light - Symmetrical & Asymmetrical

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

Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T = 9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w / mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 mm² L = 2 m (12VAC).
  H05RN-F 4 x 0.75 mm² L = 2 m (24VDC RGB type)
  H05RN-F 5 x 1 mm² L = 2 m (24VDC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

Vitrage 3 LED Symmetrical



ATZ1973 CW

Vitrage 3 LED Asymmetrical



ATZ1974 CW

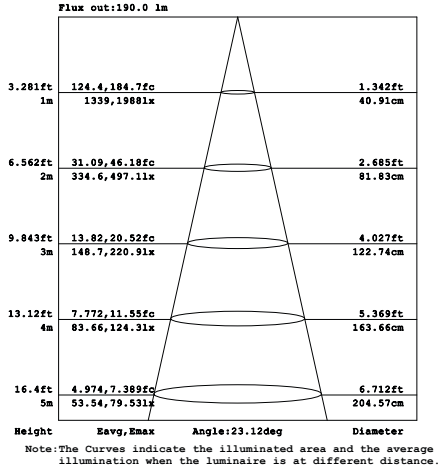
SYMMETRICAL

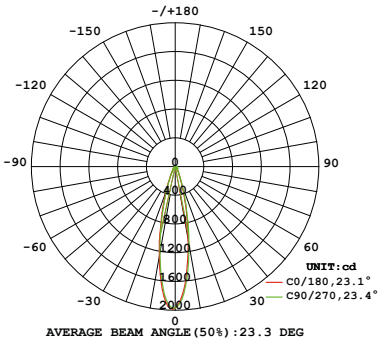
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1973 CW	Vitrage 3 LED Cool White	12V AC	3x3 W	30°	720	Cool White 6500K
ATZ1973 WW	Vitrage 3 LED Warm White	12V AC	3x3 W	30°	640	Warm White 2700K
ATZ1973 B	Vitrage 3 LED Blue	12V AC	3x3 W	30°	220	Single Blue
ATZ1973 RGB	Vitrage 3 LED RGB	24V DC	3x3 W	30°	450	RGB 14 Modes
ATZ1973 RGBW	Vitrage 3 LED RGBW	24V DC	3x3 W	30°	640	RGB 14 Modes/W 2700K

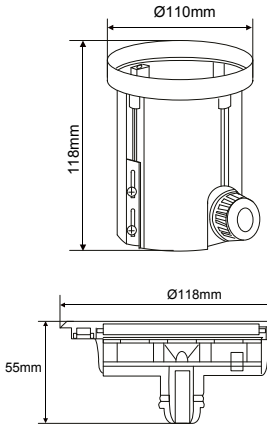
ASYMMETRICAL

Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1974 CW	Vitrage 3 LED Cool White Asymmetrical	12V AC	3x3 W	45° Asymmetrical	725	Cool White 6500K
ATZ1974 WW	Vitrage 3 LED Warm White Asymmetrical	12V AC	3x3 W	45° Asymmetrical	645	Warm White 2700K
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
ATZ1974 RGBW	Vitrage 3 LED RGBW Asymmetrical	24V DC	3x3 W	45° Asymmetrical	645	RGB 14 Modes/W 2700K

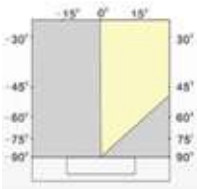
Photometric Data: ATZ1973 CW - 6000K, 30º











Atecpool Vitrage LED Light
6 LED Series



Atecpool Vitrage 6 LED Underwater Light- Symmetrical & Asymmetrical

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

Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T = 9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w /mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 mm² L = 2 m (12VAC).
  H05RN-F 4 x 0.75 mm2 L = 2 m (24VDC RGB type)
  H05RN-F 5 x 1 mm² L = 2 m (24VDC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

Vitrage 6 LED Symmetrical



ATZ1201 CW

Vitrage 6 LED Asymmetrical



ATZ1205 CW

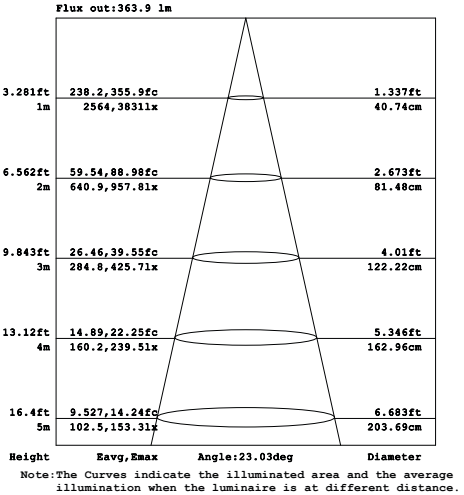
SYMMETRICAL

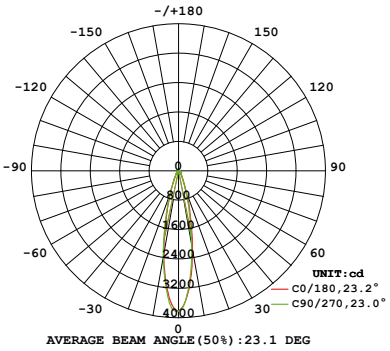
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1201 CW	Vitrage 6 LED Cool White	12V AC	6x3 W	30°	1750	Cool White 6500K
ATZ1201 WW	Vitrage 6 LED Warm White	12V AC	6x3 W	30°	1400	Warm White 2700K
ATZ1201 B	Vitrage 6 LED Blue	12V AC	6x3 W	30°	380	Single Blue
ATZ1201 RGB	Vitrage 6 LED Full RGB	24V DC	6x3 W	30°	925	RGB 14 Modes
ATZ1201 RGBW	Vitrage 6 LED RGBW	24V DC	6x3 W	30°	1400	RGB 14 Modes/W 2700K

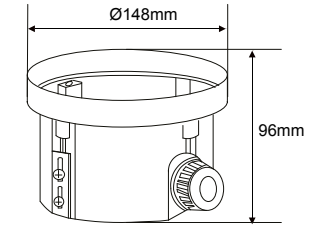
ASYMMETRICAL

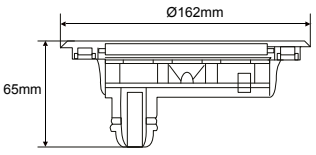
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1205 CW	Vitrage 6 LED Cool White Asymmetrical	12V AC	6x3 W	45° Asymmetrical	1755	Cool White 6500K
ATZ1205 WW	Vitrage 6 LED Warm White Asymmetrical	12V AC	6x3 W	45° Asymmetrical	1405	Warm White 2700K
ATZ1205 B	Vitrage 6 LED Blue 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
ATZ1205 RGBW	Vitrage 6 LED RGBW Asymmetrical	24V DC	6x3 W	45° Asymmetrical	1405	RGB 14 Modes/W 2700K

Photometric Data: ATZ1201 CW - 6000K, 30º

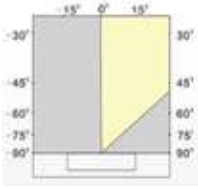












Atecpool Vitrage LED Light
9 LED Series



Atecpool Vitrage 9 LED Underwater Light - Symmetrical & Asymmetrical

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

Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T = 9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w /mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 mm² L = 2 m (12VAC).
  H05RN-F 4 x 0.75 mm² L = 2 m (12VDC RGB type)
  H05RN-F 5 x 1 mm² L = 2 m (24VDC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

Vitrage 9 LED Symmetrical



ATZ1202 CW

Vitrage 9 LED Asymmetrical



ATZ1206 CW

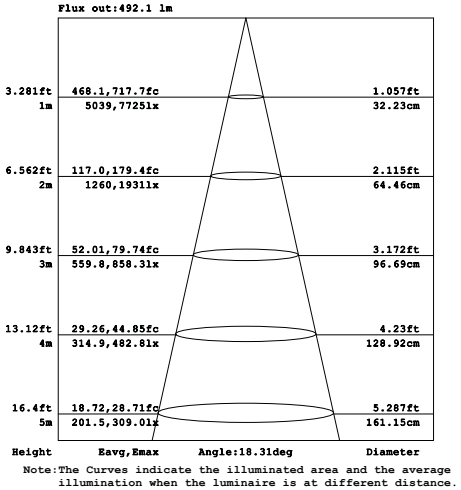
SYMMETRICAL

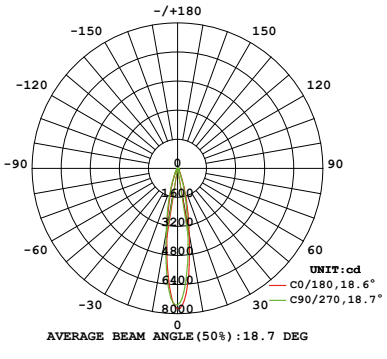
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1202 CW	Vitrage 9 LED Cool White	12V AC	9x3 W	30°	2160	Cool White 6500K
ATZ1202 WW	Vitrage 9 LED Warm White	12V AC	9x3 W	30°	1880	Warm White 2700K
ATZ1202 B	Vitrage 9 LED Blue	12V AC	9x3 W	30°	660	Single Blue
ATZ1202 RGB	Vitrage 9 LED Full RGB	12V DC	9x3 W	30°	1450	RGB 14 Modes
ATZ1202 RGBW	Vitrage 9 LED RGBW	24V DC	9x3 W	30°	1880	RGB 14 Modes/W 2700K

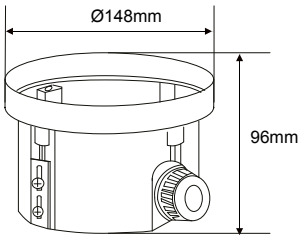
ASYMMETRICAL

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 6500K
ATZ1206 WW	Vitrage 9 LED Warm White Asymmetrical	12V AC	9x3 W	45° Asymmetrical	1884	Warm White 2700K
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
ATZ1206 RGBW	Vitrage 9 LED RGBW Asymmetrical	24V DC	9x3 W	45° Asymmetrical	1884	RGB 14 Modes/W 2700K

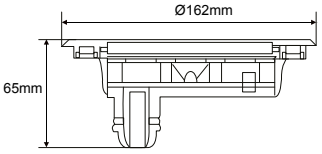
Photometric Data: ATZ1202 CW - 6000K, 30º

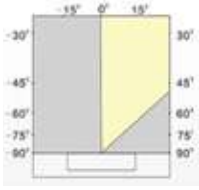












Atecpool Vitrage LED Light
12 LED Series



Atecpool Vitrage 12 LED Underwater Light - Symmetrical & Asymmetrical

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

Specifications

- Made of Stainless Steel AISI 316
- Gasket made in EPDM
- Tempered Glass T=9 mm
- Reflector: Optical lens, efficiency ≥85%
- Cable gland: IP-68 PG-11 copper with nickel-coated
- Single or RGB (3 in 1) LED
- Mounting sleeve in PVC
- PCB: Excellent heat conductivity aluminium, coefficient of heat, Conductivity ≥ 2.0w /mk. Constant current output.
- Water temperature -20°C to 40°C less than one meter depth
- Power cable: H05RN-F 2 X 0.75 mm² L = 2 m (12VAC).
  H05RN-F 4 x 0.75 mm² L = 2 m (24VDC RGB type)
  H05RN-F 5 x 1 mm² L = 2 m (24VDC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request

Vitrage 12 LED Symmetrical



ATZ1811 CW

Vitrage 12 LED Asymmetrical



ATZ1805 CW

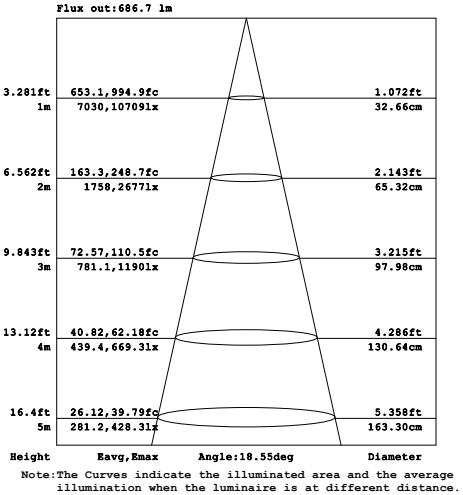
SYMMETRICAL

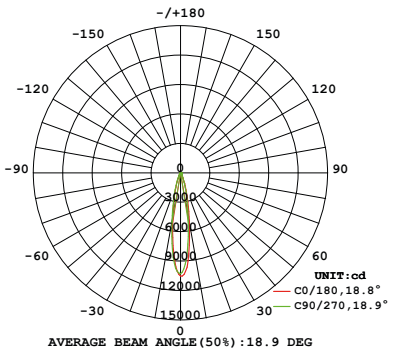
Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1811 CW	Vitrage 12 LED Cool White	12V AC	12x3 W	30°	3300	Cool White 6500K
ATZ1811 WW	Vitrage 12 LED Warm White	12V AC	12x3 W	30°	2600	Warm White 2700K
ATZ1811 B	Vitrage 12 LED Blue	12V AC	12x3 W	30°	790	Single Blue
ATZ1811 RGB	Vitrage 12 LED Full RGB	24V DC	12x3 W	30°	1750	RGB 14 Modes
ATZ1811 RGBW	Vitrage 12 LED RGBW	24V DC	12x3 W	30°	2600	RGB 14 Modes/W 2700K

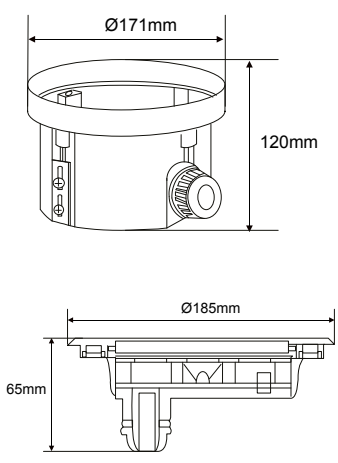
ASYMMETRICAL

Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temperature
ATZ1805 CW	Vitrage 12 LED Cool White Asymmetrical	12V AC	12x3 W	45° Asymmetrical	3305	Cool White 6500K
ATZ1805WW	Vitrage 12 LED Warm White Asymmetrical	12V AC	12x3 W	45° Asymmetrical	2604	Warm White 2700K
ATZ1805 B	Vitrage 12 LED Blue Asymmetrical	12V AC	12x3 W	45° Asymmetrical	794	Single Blue
ATZ1805 RGB	Vitrage 12 LED Full RGB Asymmetrical	24V DC	12x3 W	45° Asymmetrical	1755	RGB 14 Modes
ATZ1805 RGBW	Vitrage 12 LED RGBW Asymmetrical	24V DC	12x3 W	45° Asymmetrical	2604	RGB 14 Modes/W 2700K

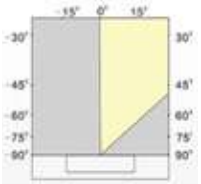
Photometric Data: ATZ1811 CW - 6000K, 30º











Atecpool Starry Series
Spot LED S.S. 316

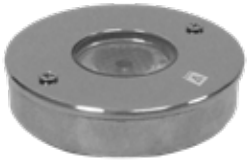
Atecpool Starry Series Underwater Spot LED with niche

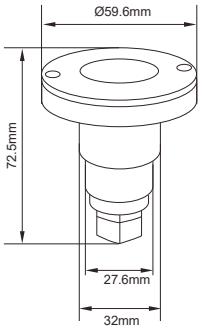
Spot LED S.S. 316, designed for starry effect, complete body construction in AISI 316 Stainless Steel, supplied with an ABS niche specially designed for water features, pool & spa. Waterproof IP68. Available in cool white, warm white, blue and RGB.

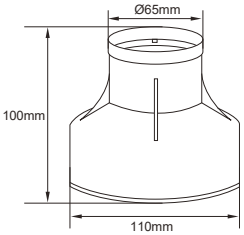
Specifications

- Made of Stainless Steel AISI 316
- Glass: Step tempered glass T = 8 mm
- Cable gland: IP68 PG11
- Single colour LED = 1 circuit output
  RGB 3 in 1 LED=3 circuit output
- Driver: constant current output
- Application environmental: Temperature of water between -20°C to 40°C less than 1 meter depth
- Power cable: H05RN-F 2 X 0.75 mm2 L = 2 m (12VAC).
  H05RN-F 4 X 0.75 mm2 L= 2 m (24VDC RGB type)
  H05RN-F 5 X 1 mm2 L = 2 m (24VDC RGBW, DMX compatible)
- DALI controls compatible Vitrage series upon request.





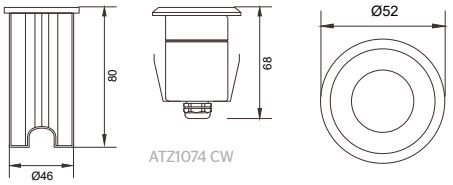




Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temp
ATZ1073 CW	Spot LED Cool White	12V AC	1x3 W	30°	280	Cool White 6500K
ATZ1073 WW	Spot LED Warm White	12V AC	1x3 W	30°	190	Warm White 2700K
ATZ1073 B	Spot LED Blue	12V AC	1x3 W	30°	55	Single Blue
ATZ1073 RGB	Spot LED RGB	24V DC	1x3 W	30°	145	RGB 14 Modes
ATZ1073 RGBW	Spot LED RGBW	24V DC	1x3 W	30°	190	RGB 14 Modes/W 2700K

Atecpool Starry Series Underwater COB LED

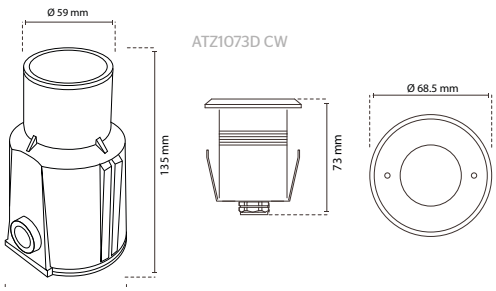
Spot LED S.S. 316, designed for a starry effect, complete body construction in AISI 316 Stainless Steel, supplied with pipe type niche for easy installation. Push-fit type light using clamps. Waterproof IP68. Available in cool white, warm white, blue and RGB. Power options with COB LED of 1x3 W for cool white and warm white.











Code	Description	Voltage	Power	Beam Angle	Lumen (lm)	Color Temp
ATZ1074 CW	COB LED Cool White	12V AC	1x3 W	30°	280	Cool White 6500K
ATZ1074 WW	COB LED Warm White	12V AC	1x3 W	30°	190	Warm White 2700K
ATZ1074 B	COB LED Blue	12V AC	1x3 W	30°	60	Single Blue
ATZ1073D CW	COB LED Cool White	12V AC	1x3 W	30°	280	Cool White 6500K
ATZ1073D WW	COB LED Warm White	12V AC	1x3 W	30°	190	Warm White 2700K
ATZ1073D-5 CW	COB LED Cool White	12V AC	1x5 W	30°	350	Cool White 6500K
ATZ1073D-5 WW	COB LED Warm White	12V AC	1x5 W	30°	260	Warm White 2700K

Atecpool LED Modulator
Control Panel with remote control

Atecpool LED Modulator with remote control

12VAC RGB Controls

Suitable for synchronizing RGB colour changing LED lights. Atecpool LED Modulator available in 2 core and 4 core cable connections. Atecpool 2 core LED Modulator R2007 used with Radiant PAR56, Spectra, Spectra High Power, Lumina and Lumina Mini colour changing RGB LED lights.


R2009

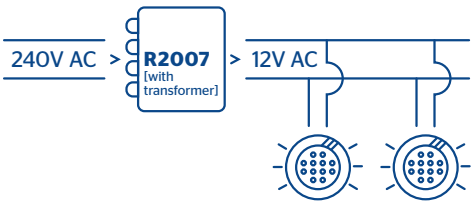

R2007

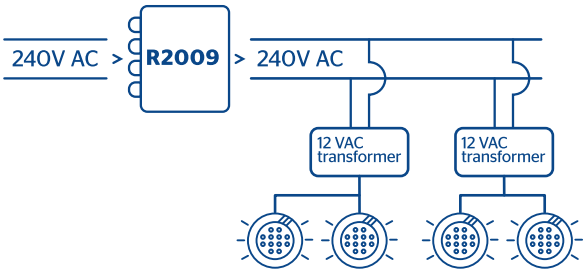
2 CORE connection
-WITH REMOTE CONTROL-

Specifications

- 4 types of 2 core 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)





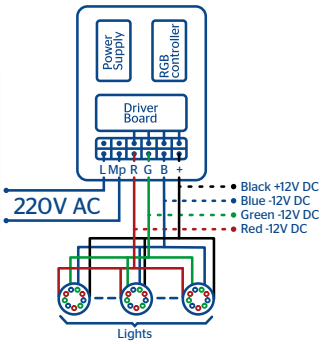
Atecpool LED Modulator
Control Panel with remote control

Atecpool LED Modulator with remote control

24VDC RGB Controls

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





Specifications

- 4 Core Connection / DC Voltage.
- Long remote control distance upto 20 meters.
- WiFi remote control on special request.
- The entire Vitrage and Ladder LED RGB lighting can be controlled by single remote control.
- RGB LED Modulator up to 150W lights 4 cable selection.
- Output voltage 12/24V DC for RGB 4 cable selection.
- Number of lights can be enhanced on prior request at additional cost.

Code	Description	Voltage
RKP001	Atecpool LED Modulator 4 core 150W	12/24V DC

4 CORE connection -WITH REMOTE CONTROL-

XLG/ELG power supply

Power Supply 100W / 150W / 200W / 300W
AC input 100 - 240VAC / Output 12/24VDC. Rating: IP67

Code	Description	Power
ELG/XLG-300-12A	Power supply 12VDC	300W
ELG/XLG-300-24A	Power supply 24VDC	300W
ELG/XLG-200-12A	Power supply 12VDC	200W
ELG/XLG-200-24A	Power supply 24VDC	200W
ELG/XLG-150-12A	Power supply 12VDC	150W
ELG/XLG-150-24A	Power supply 24VDC	150W
ELG/XLG-100-12A	Power supply 12V DC	100W
ELG/XLG-100-24A	Power supply 24V DC	100W



RGB Controller with Colorwheel Remote

Total color control, select any custom color in the rainbow wheel. Control color changing with the help of touch sensitive colour wheel remote.

Code	Description
ATLA06	RGB Controller with Colorwheel Remote





DMX512 RGBW Controller

Touch colorwheel, touch to select R/G/B/W color, glass interface. Standard DMX512 Signal output. Control RGBW color. Control 4 zones synchronously and separately. Waterproof grade: IP20.

Code	Description	Power/Voltage	Operating temperature	Dimensions
ATLA09	DMX512 RGBW Controller	20 mA/ 12-24 V DC	0-40°C	86x86x29.1mm



DMX-RGB-5A4CH Decoder

DMX-RGB-5A4CH decoder sets and shows address via digital numeric display in compliance with DMX512 Master. Master&Slave mode available using jumper settings.

Code	Description	Input Voltage	Output Current	Output Power
ATLA08	DMX-RGB-5A4CH Decoder	12/36 V DC	4x5A	4x(60-180)W



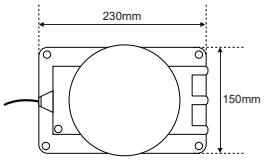
Atecpool Lighting
Accessories

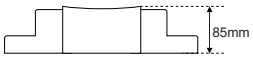
Atecpool Safety Step-down Transformers IP65

Special transformer encapsulated in cast resin material protected by a plastic cover-box. Available from 100W up to 600W with output voltage of 12VAC, variable voltage of 13/14/15/16VAC. Variable voltage transformers resist the voltage drop between the transformer and the connection box to suit a range of different lengths and sizes of cable. Wall mounting. Protection class: IP65 50/60 Hz.



01983100





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

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

Three models for connection boxes manufactured in ABS or SS 316 or Bronze. IP 65 class protection for ABS junction boxes and has 3 threaded outlets of ¾" (PG-16), supplied with a set of electrical connectors and threaded couplers. Square type junction box standard size for the top lid : 130 x 130 mm.



01592823



0292020

Code	Description	Outlets	Connection / IP Rating
01592823	Junction Box ABS three 3/4" inlets/outlets, threaded	3	3/4" / IP65
0292020	Square Connection Box SS 316 three 3/4" BSP threaded	3	3/4" BSP / IP65
0292023	Circular Connection Box SS 316 six 3/4" BSP threaded inlets/ outlets with PG 16 gland and IP 68 gaskets	6	3/4" BSP / IP68
0292025	Square Connection Box Bronze five 3/4" BSP threaded inlets/ outlets with PG 16 gland and IP 68 gaskets	5	3/4" BSP / IP68
01592833	Flexible Cable Conduit Hose 1 m	-	3/4"
01592833-1	Flexible Cable Conduit Hose 1.8 m	-	3/4"



0292025



0292023

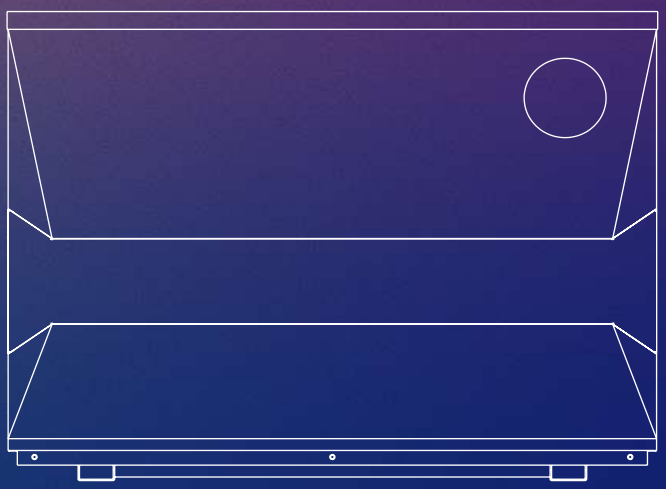


01592833



ATECPOOL

POOL HEATING



ATECPOOL INTERNATIONAL GROUP

atecpool.com



POOL HEATING

ATECPOOL INTERNATIONAL GROUP

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 SIROCCO HEAT PUMP

INVERTER HEAT PUMP

Eco-friendly and silent heating solution

Save Money

Easy touch



FIVE STARS HEAT PUMP

Wi-Fi connection

Mitsubishi Inverter Compressor

Vary Speed

High Temperature Range

ECO friendly

ATECPOOL 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**

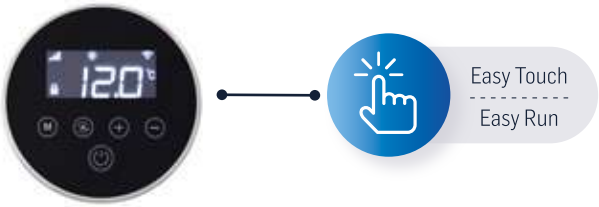
R410A GAS: Innovative refrigerant
Environmental friendly and saves energy

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.

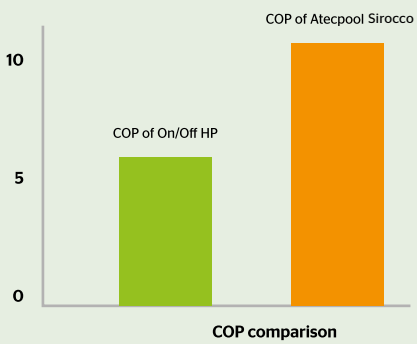
Atecpool Sirocco utilises a simple touch controller which brings the best user-friendly experience.

Easy Touch Controller



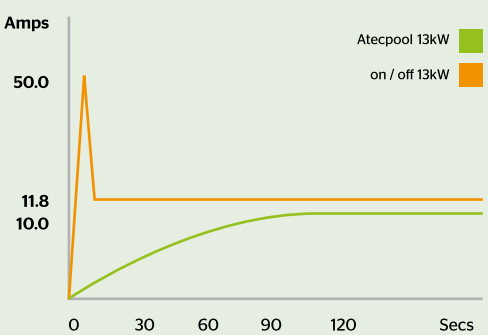
- Silent Heat Pump
- Patented Design
- Atecpool Inverter Technology
- R32/R410A production line
- R410A GAS

Double Energy saving than on/off hp



Intelligent system protection

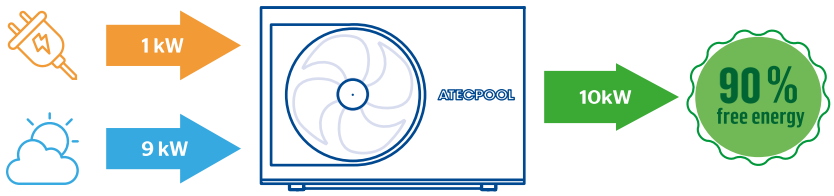
The input current will start from 0 Amps to rated Amps steadly. No rush to house electricity system. Atecpool Sirocco can adapt to wide voltage from 180-260V and adjust the system in different conditions.



Atecpool Sirocco Inverter
Heat Pump

Atecpool Sirocco Heat Pump

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



Atecpool Inverter Technology

Stepless DC Inverter

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

Unique Inverter Control System

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

Intelligent Protection

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



Atecpool Sirocco Inverter
Heat Pump Specifications

Atecpool Sirocco Inverter Side Discharge

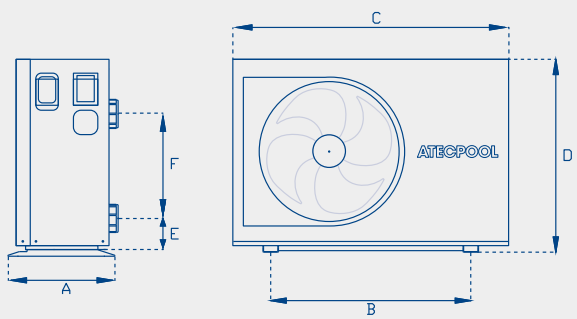


Atecpool Sirocco
Side Discharge

R410A GAS

Model	AIHP115	AIHP153	AIHP180	AIHP212	AIHP253
Ambient Temperature: (DB/WB) 27°C/24.3°C; Water Inlet/Outlet Temperature: 26°C/28°C					
Heating capacity (kW)	2.8-11.5	3.5-15.3	4.35-18.0	4.72-21.2	4.78-25.3
Power input (kW)	0.193-1.73	0.243-2.41	0.306-2.78	0.33-3.59	0.33-4.36
COP	14.5-6.65	14.4-6.35	14.2-6.47	14.3-5.91	14.48-5.8
Ambient Temperature: (DB/WB) 15°C/12°C; Water Inlet Temperature: 26°C					
Heating capacity (kW)	3.01-8.53	3.23-11.15	3.42-13.01	3.5- 14.2	3.61-16.7
Power Input (kW)	0.393-1.592	0.423-2.226	0.453-2.63	0.47 - 2.88	0.476-3.394
COP	7.65-5.36	7.64-5.01	7.55-4.95	7.45-4.93	7.58-4.92
Ambient Temperature: (DB/WB) 43°C/-; Water Inlet/Outlet Temperature: 30°C/28°C					
Cooling Capacity (kW)	2.04-5.75	2.3-7.65	2.83-8.3	3.0-9.6	3.2-10.65
Consumed Power (kW)	0.48-2.90	0.55-4.11	0.69-4.53	0.75-5.36	0.78-5.98
EER	4.25-1.98	4.15-1.86	4.08-1.83	4.01-1.79	4.10-1.78
Power supply (V/Ph/Hz)	220-240V~ / 50-60Hz			380-415V/3N~/50-60Hz	
Max.Input Power(kW)	3,1	4,4	4,8	5,4	6,5
Max. Current (A)	13,7	19	20,9	9,2	11
Heating Temperature Range	27°C-34°C				
Cooling Temperature Range	26°C-20°C				
Running Temperature Range	-10°C-48°C				
Refrigerant	R410A				
Refrigerant Weight (kg)	0,63	0,95	1,35	1,5	1,9
Compressor	Mitsubishi (DC inverter)				
Air Side Heat Exchanger	Hydrophilic fin exchanger				
Water Side Heat Exchanger	Titanium tube heat exchanger				
Fan Quantity	1				
Fan Input Power (W)	60	60	60	120	120
Fan Speed (rpm)	850	850	850	850	850
Fan Airflow (cfm)	2200	2200	2500	2500	2500
Water flow (m³/h)	4,7	6,5	7,7	9,1	10,8
Water Pressure Drop (kPa)	15	18	23	32	35
Net dimension LxWxH (mm)	1000 x 405 x 660			1130 x 445 x775	
Water Connection (mm)	50				
Net Weight (kg)	44	47	52	75	85
Noise Level dB (A)	54	54	55	58	59

Atecpool Sirocco Side Discharge Dimensions



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

Atecpool Sirocco Inverter
Heat Pump Specifications

Atecpool Sirocco Inverter Top Discharge

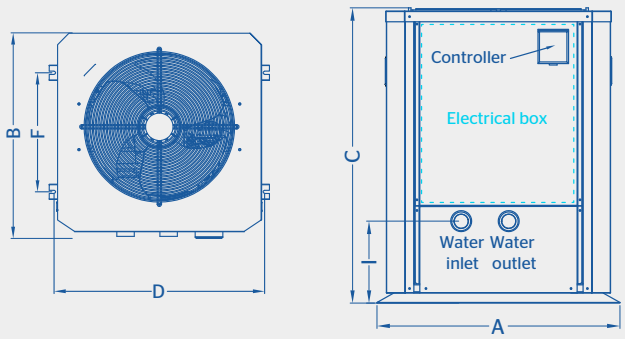


Atecpool Sirocco
Top Discharge

R410A GAS

Model	AVHP265	AVHP308	AVHP352	AVHP411
Air Temperature: 27°C, inlet/outlet water temperature: 26°C/28°C, humidity 80%				
Heating capacity (kW)	9.2-26.5	10.3-30.8	11.7-35.2	12.9-41.1
Power input (kW)	0.62-4.34	0.7-5.06	0.79-5.77	0.88-6.95
COP	14.81-6.1	14.7-6.09	14.82-6.1	14.74-5.91
Air Temperature: 15°C, inlet/outlet water temperature: 26°C,humidity 70%				
Heating capacity (kW)	7.86-17.87	8.55-19.84	8.96-24.56	9.51-28.1
Power Input (kW)	1.11-3.74	1.17-4.17	1.31-5.25	1.36-5.98
COP	7.05-4.78	7.28-4.76	6.84-4.68	7-4.7
Air Temperature: 43°C, inlet/outlet water temperature: 30°C/28°C				
Cooling Capacity (kW)	4.5-12.25	4.7-13.4	5.06-15.6	5.28-17.55
Consumed Power (kW)	1.01-6.03	1.05-6.47	1.15-7.57	1.19-8.43
EER	4.45-2.03	4.48-2.07	4.4-2.06	4.44-2.08
Power supply (V/Ph/Hz)	380-415V/3N~/50-60Hz			
Max.Input Power(kW)	6,1	6,5	7,6	8,5
Max. Current (A)	10,9	11,6	12,7	14,2
Heating Temperature Range	27°C-34°C			
Cooling Temperature Range	26°C-20°C			
Running Temperature Range	-10°C-48°C			
Refrigerant	R410A			
Compressor	Mitsubishi (DC inverter)			
Air Side Heat Exchanger	Hydrophilic fin and tube			
Water Side Heat Exchanger	Titanium tube heat exchanger			
Fan Quantity	1			
Fan Input Power(W)	185	185	230	230
Fan Speed(rpm)	800	800	800	800
Fan Airflow(cfm)	2800	2800	3300	3300
Water Flow (m³/h)	11,4	13,2	15,1	17,6
Water Pressure drop(kPa)	25	35	45	45
Net Dimension LxWxH (mm)	795 x 742 x 966		900 x 812 x 1054	
Water Connection (mm)	50			
Net Weight (kg)	105	108	137	140
Noise Level dB(A)	61	62	67	68

Atecpool Sirocco Top Discharge Dimensions



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

ATECPOOL MEGA INVERTER HEAT PUMP

FIVE STARS HEAT PUMP

HIGH CAPACITY INVERTER HEAT PUMP

For commercial installations

Save Money

Easy touch

Patented Technology

Silent Operation



R410A GAS

Wi-Fi connection

Mitsubishi Inverter Compressor

Vary Speed

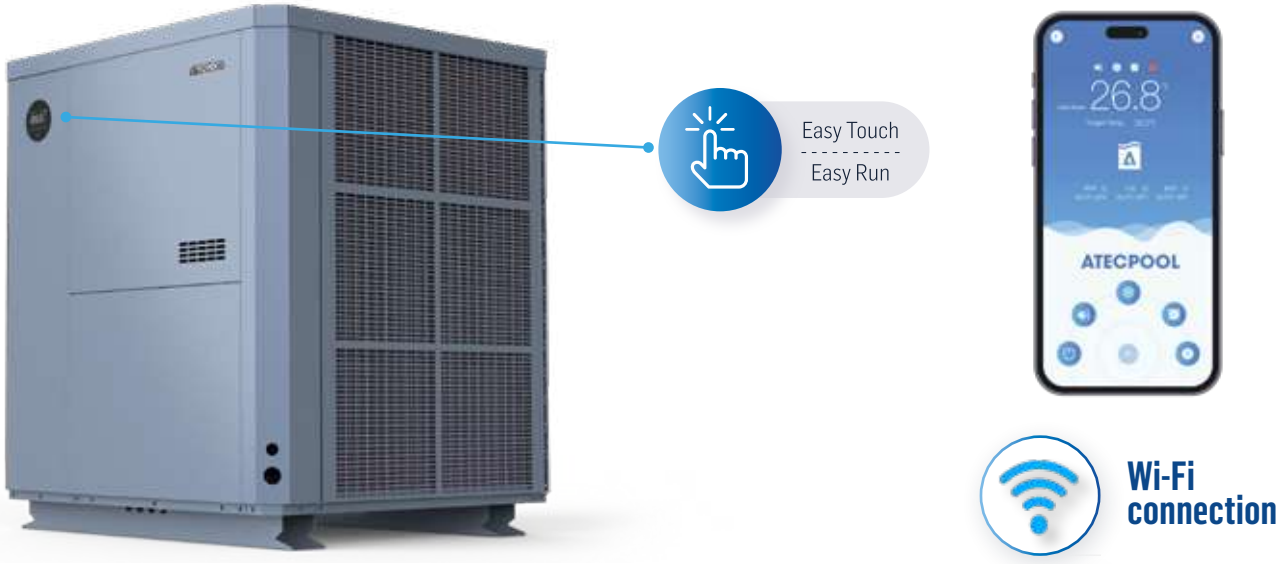
High Temperature Range

ECO friendly

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Atecpool Mega Inverter
Heat Pump

Powerful saving commercial inverter



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.

Full year -15~55°C

Patented Design

Atecpool Inverter Technology

R32/R410A production line

R410A GAS

Specifications

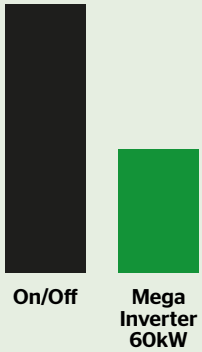
- Reverse cycle defrosting.
- 0-55ºC operation.
- Aluminium-alloy casing.
- Mistubishi Twin-Rotary Inverter Compressor.
- EEV Technology - 20% higher efficiency than capillary.
- Twisted Titanium Heat Exchanger - 40% higher efficiency.

Double Energy saving than on/off HP

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

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

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

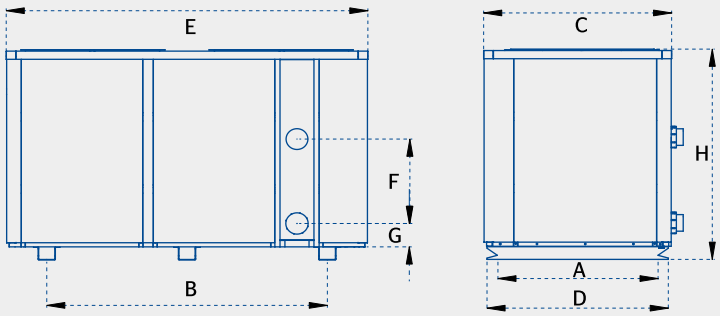


Atecpool Mega Inverter
Heat Pump Specifications

Mega Inverter Heat Pump Specification

Model	AMHP060	AMHP090
Performance conditions: 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 conditions: 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 conditions: Air 46°C/ Water 32°C/ Humid. 80%		
Cooling capacity (kW)	25,1	50.3
Technical specifications		
Operating air temperature (°C)	0~50	
Heat exchanger	Twisted Titanium Heat Exchanger	
Refrigerant Gas	R410A	
Fan direction	Vertical	
Fan Quantity	1	2
Fan Air Flow (cfm)	20000	38000
Fan input Power(W)	500	500 x 2
Fan Rotate Speed(rpm)	800	800
Power supply	380-415V/3N~/50-60Hz	
Rated input power (kW)	2.26~8.90	4.68~17.50
Rated input current (A)	3.27~12.90	6.78~25.30
Sound level at 1m dB (A)	53.0~61.0	55.0~64.0
Sound level at 10m dB (A)	33.0~41.0	35.0~44.0
Advised water flow (m^3/h)	20~25	40~50
Water connection (mm)	75	110
Maximum input current (A)	19	38
breaker rated current (A)	23	45
Power cord (mm^2)	5 x 6	5 x 16
R410A Gas Weight (g)	8000	2x8000
Net Weight (kg)	230	448
Net dimension LxWxH (mm)	1000 x 1110 x1260	2100 x 1090 x 1280

Atecpool Mega Inverter Dimensions



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

Atecpool MegaHigh Inverter
Heat Pump

Atecpool MegaHigh Inverter for large water bodies





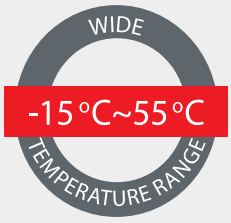
Full Inverter Technology equipped with high quality DC Mitsubishi compressor and DC fan motor. COP achieved upto 16.1 and EER upto 5.3. High energy efficiency units for commercial installations.

Display & Central Control

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

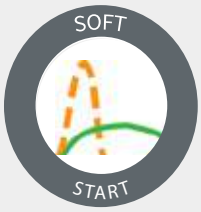
Practical Cabinet Structure

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



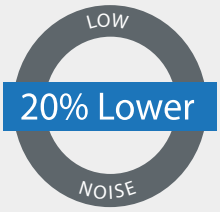
Broad Climate Suitability

The unit can adapt to a wide climatic range. Lab tests showed maintained stable operation in -15-55°C. This feature makes the unit suitable for markets all over the world



Soft Starting

When the machine is turned on, its soft start technology avoids a sudden fluctuation of taking high Amps but start the unit softly and reach stable current slowly.



Low Noise

The DC inverter fan with special design blades not only saves energy but also helps to keep the operating noise 20% lower.



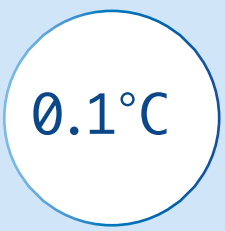
Centralized Control (RS485)



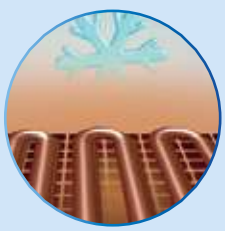
64Bit Processor



PID Control



Precise Control



Automatic Defrost

Atecpool MegaHigh Inverter
Heat Pump

MegaHigh Inverter Heat Pump Specification



Model		AMHP70	AMHP80	AMHP100	AMHP130	AMHP170
Heating Capacity at Air 26°C, Water 26°C, Humidity 80%						
Heating Capacity	kW	16.5~70	17.5~80	24.8~103	32.4~136	36.3~175
Power Input	kW	1.02~10.03	1.08~13.01	1.54~14.8	2.00~19.46	2.26~28.01
COP		16.11~6.98	16.1~6.15	16.09~6.96	16.15~6.99	16.0~6.24
Heating Capacity at Air 15°C, Water 26°C, Humidity 70%						
Heating Capacity	kW	12.1~51	13.8~60	18.3~76	23.9~101	28.3~135
Power Input	kW	1.6~10.24	1.65~12.21	2.42~15.29	3.15~20.24	3.32~27.55
COP		7.56~4.98	8.4~4.91	7.55~4.97	7.59~4.99	8.5~4.9
Cooling Capacity at Air 43°C, Water 26°C						
Cooling Capacity	kW	9.1~38	15~42	16.12~58	18.5~76	59.4~96
Power Input	kW	1.78~8.83	2.94~10.24	3.16~13.4	3.62~17.67	11.2~22.32
EER		5.1~4.3	5.1~4.1	5.1~4.3	5.1~4.3	5.3~4.3
Rated Power Input	kW	11	13	16	21	28
Rated Current	A	18	20	27	36	45
Power Supply	V/Ph/Hz	380~415V /3N~/50~60Hz				
Refrigerant		R410A				
Compressor Type		Mitsubishi DC inverter				
Heat Exchanger		Titanium				
Expansion Valve		Electronic EEV				
Air Flow Direction		Vertical				
Fan Quantity		2	2	1	2	2
Fan Power Input	W	200x2	200x2	615x1	695x2	1300x2
Fan Rotate Speed	rpm	850	850	850	850	850
Fan Airflow	cfm	8000	8000	9500	18000	25000
Water Flow Volume	m3/h	20	25	30	40	45
Net Dimensions(LxWxH)	mm	1416x752x1055	1750x840x1750	1250x1080x1870	2150x1080x2180	2170x1150x2130
Operating Air Temperature	°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C	0°C~50°C
Noise 1m	dB(A)	≤59	≤60	≤62	≤65	≤65
Net Weight	kg	280	370	420	750	810
Water Connection	mm	63	63	63	75	110

ATECPOOL REVERSIBLE CYCLE HEAT PUMP

AIR/WATER HEAT PUMPS

Heating and Cooling



ECO friendly

FIVE STARS HEAT PUMP

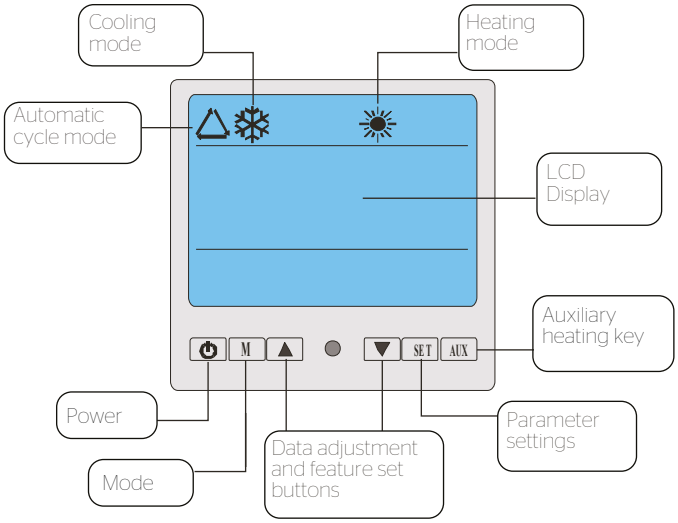
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Atecpool Air/Water Heat Pump
Outdoor Installation



Atecpool Air/Water Heat Pump

- Atecpool Reversible cycle heat pump can be used for heating and cooling swimming pools, spas or other water bodies.
- RCHP technology is based on the same principle employed in air conditioners and refrigerators, delivering up to five times more energy in heat than it consumes as electricity. Our heat pumps are designed to heat your pool by extracting ambient heat from the atmosphere. This heat is then transferred into a refrigerant gas which is compressed and heated further. The heat is then transferred into the pool water, and heats your pool.
- With a Coefficient of Performance (COP) of greater than 5.8 at an air temperature of 26°C and over 4.5 at just 15°C, ATECPOOL heat pumps are 15-30% more efficient than competitive units. This remarkable efficiency can save up to 80% on running costs when compared to alternative gas or electric pool heating.
- Our Heat Pumps are manufactured using only top-quality components. The titanium heat exchanger is not only extremely efficient, but it will never rust or corrode. Our heat pumps also feature more accurate and durable commercial grade digital controllers with the most user-friendly features, specific water flow switches and high capacity compressor capacitors.



Let's start swimming all year round!

Reversible Cycle Heat Pump
Outdoor Installation

Atecpool Air/Water Heat Pump



ATECPOOL Heat Pump Benefits

- Uses freely available air energy = 4-5 times more effective than conventional electrical heaters.
- For every kW of power consumed, you get at least 4-5kW of free power
- Inexpensive to run
- Incredibly efficient Japanese inverter technology
- Quietest operation
- Top quality, maximum durability titanium heat exchanger
- Installation is quick and easy

Water Heat Exchanger

- Made of double spiralled titanium tubes encased in PVC or S.S. for additional protection against corrosive pool water.
- The double spiraling of the heat exchanger increases the surface area that comes in contact with the pool water, this drastically reduces scaling while heating rapidly and efficiently.

External Heat Exchanger (Evaporator coils)

- The tubes are made of copper and the fins are aluminium.
- The extra-large evaporator coils are designed to collect more heat from air outside to ensure the best performance in even the most adverse conditions.
- Large axial fans, with precision engineered blades are used to draw in maximum ambient air and pass it on to the evaporator coils.

Refrigerant

- We use the environmentally approved refrigerant R407-C, R410-A, R134-A depending on our client's requirements.
- For maximum efficiency you can combine your reversible cycle heat pump and solar pool heating in one system to capitalise on the suns free energy as well as that from the ambient air. All components of ATECPOOL heat cool pumps are of the highest international quality.

Reversible Cycle Heat Pump
Outdoor Installation

Atecpool Air/Water Heat Pump Specs.		Model / Code							
		03310020H	03300030	03300040	03300050	03300060	03310070	03300080	03300090
Heating capacity	kW	8.8	13	17	21	25	35	45	55
	BTU /hr	30000	44000	58000	72000	86000	120000	150000	187000
Heating Power Input	kW	1.9	2.65	3.7	4.6	5	7.5	9.5	11
Cooling Capacity	kW	5.8	8.8	12	14.5	17.4	25	34	42
	BTU /hr	19720	30000	41000	49500	59500	86000	116000	143000
Cooling Power Input	kW	2.1	2.85	3.9	5.2	5.8	8.4	9	10.3
Running current	A	8.6 / 9.6	13.6 / 14.3	18.0 / 19.1	7.1 / 7.35	8.91 / 10.33	13.2 / 14.5	15.7 / 16.4	18.0 / 19.2
COP		5.1	5.1	5.0	5.0	5.1	5.0	4.9	4.9
Power Supply	V / PH / HZ	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz
Compressor Quantity		1	1	1	1	1	2	2	2
Compressor		Rotory	Rotory	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Fan Quantity		1	1	1	1	1	2	2	2
Fan Input Power	W	150	200	200	200	200	200 x2	200 X 2	200 x 2
Fan Rotate Speed	rpm	850	830	830	830	830	830	830	830
Fan Airflow	cfm	2000	4000	4000	4000	4000	4100x2	4100x2	4100x2
Fan direction		Horizontal	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Noise 1mtr	dB (A)	50	51	51	51	54	59	61	61
Water connection	mm	50	50	50	50	50	50	63	63
Water Flow volume	m^3/h	3	6	7.5	8	9	10	14	18
Water pressure drop (max)	kPa	8	8	10	12	12	15	15	15
Unit net dimensions (L/W/H)	mm	1010x420x650	660x660x860	660x660x860	660x660x860	660x660x860	1470x727x875	1450x730x1250	1450x730x1280
Unit net weight	kg	77	86	100	125	150	200	250	265

Atecpool Air/Water Heat Pump Specs.		Model / Code							
		03310100	03310110	03310120	03310130	03310140	03310150	03310160	03310180
Heating capacity	kW	75	90	105	145	160	185	210	230
	BTU /hr	255000	306000	357000	493000	550000	629000	714000	782000
Heating Power Input	kW	16.7	17.5	22.5	30.2	34.2	37	46,3	48
Cooling Capacity	kW	56	70	88	106	120	131	150	160
	BTU /hr	190400	238000	300000	360400	410000	444000	510000	54000
Cooling Power Input	kW	17.2	17.8	24.7	32.1	41.6	48.5	56.2	67.2
Running current	A	29.8 / 30.6	31.2 / 31.7	40.1 / 44.0	53.9 / 57.3	61.0 / 74.2	70.52 / 87	81.8 / 99.1	109 / 12.11
COP		4.49	4.7	4.5	4.80	4.7	4.7	4.5	4.3
Power Supply	V / PH / HZ	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz	415V/3N-/50Hz
Compressor Quantity		3	3	4	3	3	2	4	2
Compressor		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Fan Quantity		3	3	3	2	2	2	2	2
Fan Input Power	W	200 x 3	200 x 3	200 x 3	1780 x 2	1780 x 2	1780 x 2	2000 x 2	2000 x 2
Fan Rotate Speed	rpm	830	830	830	930	930	930	920	920
Fan Airflow	cfm	4500x3	4500x3	4500x3	21000 x 2	21000 x 2	21000 x 2	23000 x 2	23000 x 2
Fan direction		Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical	Vertical
Noise 1mtr	dB (A)	61	62	62	64	65	66	65	70
Water connection	mm	63	63	110	110	110	110	110	110
Water Flow volume	m^3/h	25	30	32	36	40	55	60	85
Water pressure drop (max)	kPa	16	16	16	23	24	24	24	25
Unit net dimensions (L/W/H)	mm	2150x760x1310	2150x760x1310	2170x1065x1930	2170x1065x2304.5	2170x1065x2304.5	2150x1078x2258	2180x1080x2060	2150x1078x2258
Unit net weight	kg	360	370	695	752	761	900	1350	1360

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

Atecpool MaxChill Series
Water Chillers

Atecpool MaxChill water chillers

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



>> Low water temperature upto 10°C <<

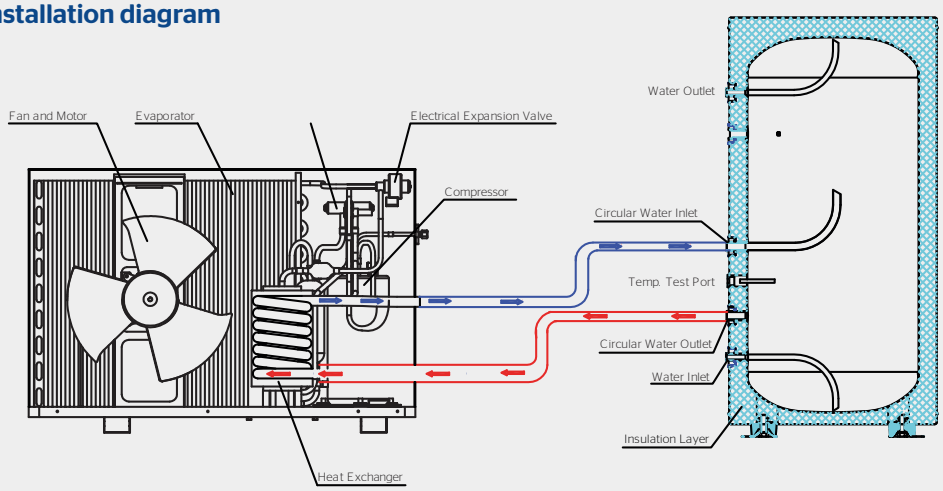
Suitable for cooling

- Swimming pool
- Spa
- Roof water tanks

Working principle

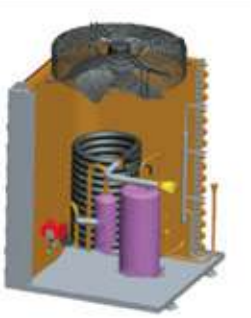
The technology is based on the same principle employed in air conditioners and refrigerators, delivering up to five times more energy than it consumes in electricity. Chillers are designed to give low temperatures to water body by extracting ambient heat from the surrounding air.

Installation diagram



MaxChill Components

- Heat Exchanger made of double spiralled titanium tubes encased in PVC or SS for additional protection against corrosive pool water.
- Extra-large evaporator coils are designed to collect more cool energy from the outside air to ensure performance in even the most adverse conditions.
- Large axial fans, with precision engineered blades are used to draw maximum ambient air and pass it on to the evaporator coils



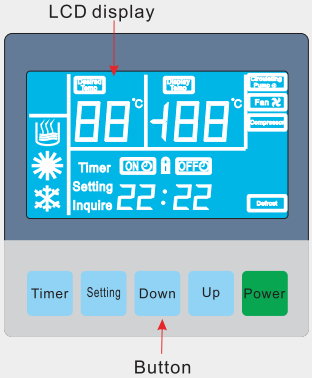
Atecpool Maxchill Series
Water Chillers



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

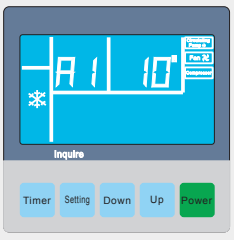
LCD Display and functions

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



◆Illustration for the buttons

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



HiHeat Hot Water Heat Pump
Outdoor Installation

Outlet water temperature up to 80°C



Suitable for

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

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

Low Operating Cost

Eco-Friendly

80°C Hot Water Outlet

EVI Technology

Multiple Protections

Wide Operation Range

HiHeat Highlights

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

HiHeat Hot Water Heat Pump
Outdoor Installation

HiHeat Hot Water Heat Pump Specification



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

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

Climatic Water/Water Heat Pump
Water Source Heat Pump

Atecpool Climatic Water Source Heat Pump

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

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



Perfect Solution for industrial water heating

Suitable for

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

High COP

Various Applications

Higher ROI

More Reliable

Compact Design & Flexible installation

Climatic Series Highlights

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

Climatic Water/Water Heat Pump
Water Heat Pump

Atecpool Climatic Water Source Heat Pump



Climatic Series Specifications

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

Water Connections

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

Condensation Connections

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

Climatic Water/Water Heat Pump
Water Source Heat Pump

Atecpool Climatic Water Source Heat Pump Specification



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

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

Atecpool Split Heat Pump
Invisible Heat Pump for Spas

Atecpool Invisible Heat Pump - Water heat Exchanger inside Jacuzzi Chassis

SPLIT heat pump consists of two blocks. Outdoor unit is the source of heat. It contains a compressor, ventilator and air heat exchanger. Indoor unit contains water heat exchanger and control sensors. Split heat pump's water unit can be fully integrated inside the jacuzzi. It is thus fully invisible and also protected against frost. There is no additional noise, vibration or visual disturbance since the split heat pump can be placed as far as 30 meters away from the jacuzzi.

An intuitive control panel with full integration into the jacuzzi's control is possible with RS-485, DRY contact or WLAN.

Water Temperature 8~40°C



Atecpool INVI 1000 and INVI 1400

	Heating Capacity (A27/W27/RH80%)		Cooling capacity (A35/W28/ RH80%)	Water flow	Power supply/Input power	Heat exchanger	Acoustic level	Operating Water Temperature	Water circuit connection	Wi-Fi
	Power	COP								
Model	**kW**	**COP**	**kW**	**m³/h**	**V AC / ph / kW**	**type**	**dB (A)**		**mm**	
INVI 1000	9.2	6.1	4.9	4	230 / 1 /1.4	Titanium Gr 1 ASTM 265	48/29	8-40°C	ø50	Mobile App
INVI 1400	12.3	6.0	6.2	5.3	230 / 1 / 1.8	Titanium Gr 1 ASTM 265	49/32	8-40°C	ø50	Mobile App

Atecpool Split Heat Pump
MAX Split and Heat



Atecpool MAX Split and Heat

SPLIT heat pump consists of two blocks. Outdoor unit is the source of heat. It contains a compressor, ventilator and air heat exchanger. Indoor unit contains water heat exchanger and control sensors.

Outdoor unit is placed away from the indoor unit (heat exchanger and sensors) as far as 20m horizontally and 10m vertically.



Atecpool SHP MAX2400 and SHP MAX3000

Model	SHP MAX 2400	SHP MAX 3000
Performance Condition: Air 27°C/Water 27°C/Humidity 80%		
Heating capacity (kW)	24.4	30.1
COP	6.9	6.9
Performance Condition: Air -15°C/Water 26°C/Humidity 70%		
Heating capacity (kW)	18.7	24.3
COP	6.3	6.3
Performance Condition: Air 35°C/Water 28°C/Humidity 80%		
Cooling capacity (kW)	21.7	26.8
Technical Specifications		
Advised pool volume (m³)	60-80	80-120
Sound level min. at 10m dB(A)	29	32
Operating air temperature (°C)	-5°C~+40°C, with TROPICAL kit -5°C~+60°C	
Compressor type	Panasonic / Sanyo, scroll	
Heat exchanger (Grade & Surface of Titanium)	Titanium Twisted Gr 1- ASTM265; 1.2m²	Titanium Twisted Gr 1- ASTM265; 1.4m²
Cover	Metal powder coated 180°C enamel	
Refrigerant	R410A	
Installation		
Power supply	400V/3pH/50Hz	400V/3pH/50Hz
Water connection	50mm (6.4")	
Protection and cable size (20m)	C 10 A (5G2.5mm²)	C 16 A (3G2.5mm²)
Rated power input (kW)	3.51	4.34
Advised water flow (m3/h)	8-10	8-12
Net dimensions LxWxH (mm)	942x1250x360 - SPLIT	942x1250x360 - SPLIT
Net weight (kg)	118	120
Connection		
Copper pipe connection	3/4" + 3/8"	3/4" + 3/8"
Max. connection distance	20 m	
Accesories		
Wi-fi	POOL VISION mobile app	
Winter modul	Operating air temperature -15°C~+40°C	
Tropical kit - extra compressor cooling	Up to +60°C ambient air	

Remarks: *The data above is only for reference. For specific data, please refer to the nameplate on the unit. Note: Manufacturer reserves the right to change above technical data without notice.

Atecpool Dry Ceiling Dehumidifier
Next Generation Dehumidifier

ATECPOOL Dry Ceiling Dehumidifier

Atecpool Dry Ceiling dehumidifier is first of its kind, intelligent and visually captivating solution of paramount performance, setting a new tide in the industry. Internet connectivity and microsafety + with AI , its a 4 products in 1 combined unit.

- Dehumidifier
- Loudspeaker
- MicroLight
- LED Lamp

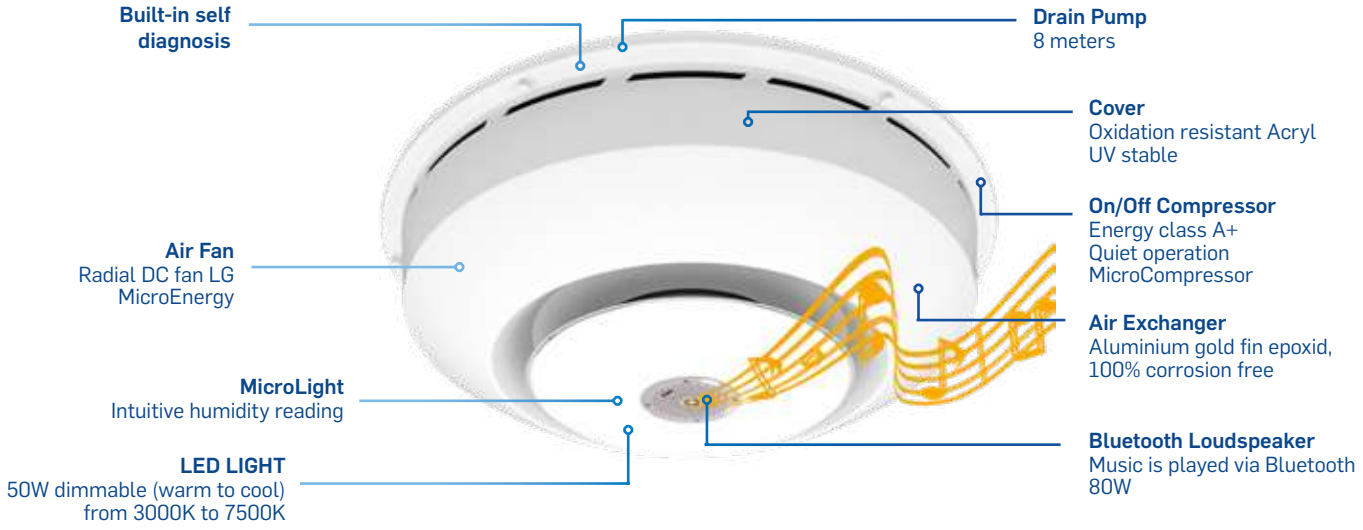


Ceiling Unit Placement

Ceiling unit is designed to be fixed directly on concrete or wooden ceiling structure or into lower gypsum ceiling using adjustable bar.

Split Dehumidifier

Atecpool Dry is a split dehumidifier with ceiling unit and compressor unit. Ceiling unit is equipped with evaporator, condenser, fan, Bluetooth speaker, LED light and MicroLight. Ceiling units are connected to compressor unit with refrigerant copper tubes.



Atecpool Dry Ceiling Dehumidifier Specifications

	Pool Surface	Extraction rate 30°C / 60%RH	Extraction rate 30°C / 80%RH	Air Flow	Noise Level (at 1m dist.)	Power	Compressor	Heat Output	Refrigerant	Dimensions (WxHxD)	Weight
Series	**m²**	**l/24hrs**	**l/24hrs**	**m³/h/Pa**	**dB (A)**	**W**		**W**		**mm**	**kg**
DRY CEILING MONO	60	67	104	1000	35	1200	ON/OFF	4500	R410A	Ceiling unit 1205 x 278 Compressor Unit 251 x 467 x 404	40 / 46
DRY CEILING DUO	120	134	208	2000	35	2300	ON/OFF	8750	R410A	Ceiling unit 1205 x 278 Compressor Unit 251 x 467 x 404	50 / 60

Atecpool Dry 500-800-1200 Dehumidifiers
Next Generation Dehumidifier

Atecpool Dry Series Dehumidifiers

Atecpool Dry Series dehumidifier is made to provide up to 3.5 times more energy than it consumes keeping its heat recovery system at its best. Wide color options with metal cabinet.
Available in four different versions:

Wave

- wall mounted / mobile
- economy model
- acryl cover
- full set of options



Metal

- wall mounted / mobile
- exclusive
- metal cover
- any colors possible



Duct

- ducted / concealed
- 200 Pa
- up to 30 m ducting
- full set of options
- Silent comfort



Through-the-wall (TTW)

- wall mounted
- behind the wall
- indoor/outdoor installation
- aluminium grills
- wall thickness up to 400 mm



		Pool Surface	Extraction rate 30 °C / 60%RH	Extraction rate 30 °C / 80%RH	Air Flow	Noise Level (at 1m dist.)	Power	Heat Output	Refrigerant	Dimensions (WxHxD)	Weight
Series	**Model**	**m²**	**l/24hrs**	**l/24hrs**	**m³/h/Pa**	**dB (A)**	**W**	**W**		**mm**	**kg**
DRY 500	WAVE	60	66	101	800	44	1000	3500	R410A	1245 x 660 x255	60 / 73
	METAL									1245 x 660 x300	77 / 90
	TTW									1245 x 660 x255	60 / 73
	DUCT	50	52	68	1000 / 200	56	1150			1245 x 660 x253	75 / 88
DRY 800	WAVE	90	90	136	1100	46	1600	5100	R410A	1250x 950 x310	100 / 133
	METAL										80 / 113
	TTW									1247x 950 x300	100 / 133
	DUCT	80	88	135	1100 / 170	58	1700				102 / 135
DRY 1200	WAVE	120	120	181	1200	46	2150	5250	R410A	1250x 950 x310	104 / 136
	METAL										80 / 113
	TTW									1247x 950 x300	103 / 136
	DUCT	110	112	170	1200 / 145	60	2250				

Atecpool Air
Dehumidification

Atecpool Air Pool Dehumidification



- Automatic Temperature Detection
- Exclusive Design
- Ultra-thin Casing
- Epoxy Fin Air Exchanger
- Super Silent Operation 44~47 dB
- High Efficiency

Wall Mounted Dehumidifiers for indoor pool installation

Through absorbing clammy air and transferring it to warm and dry air, Atecpool Air Dehumidifier can easily tackle problem that cause condensation and furniture corrosion. Atecpool Air Dehumidifier for indoor pool installation. Wall mounted models for humidity controls in indoor swimming pools. Extremely silent operation (44-47 dB(A)) and high energy saving with R32 compressors and a built-in electronic thermostat.

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

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

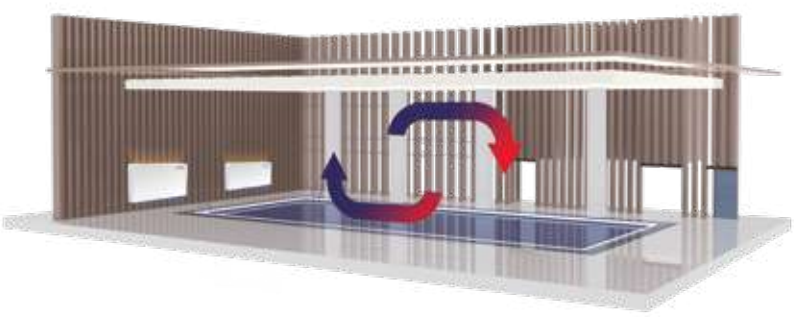
3. **Ultra-Thin Casing**
   With a compact inner structure our Air Dehumidifiers feature an ultra-thin casing 200mm thick, requiring less space in the pool house.

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

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

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

Atecpool Air Dehumidifier



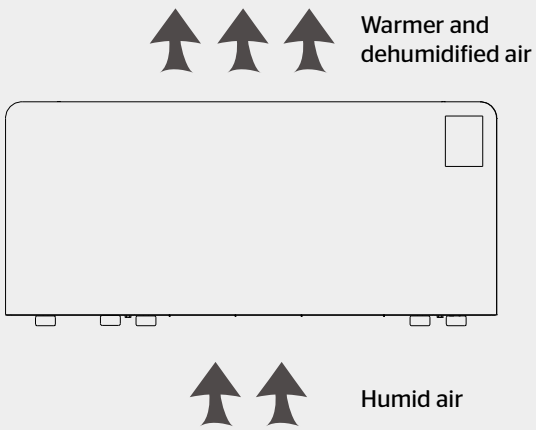


Atecpool Air
Dehumidifier Specifications

Model	Unit	ATEC22	ATEC35	ATEC45
Rated Capacity	L/h	2.2	3.5	4.5
Dehumidification capacity per day	L	53	70	90
Max pool area	m^2	20	30	40
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	/	R32	R32	R32
Condensation Pipe Diameter	mm	16	16	16
Testing Condition : 30˚C Ambient Temperature, 80% Relative Humidity				

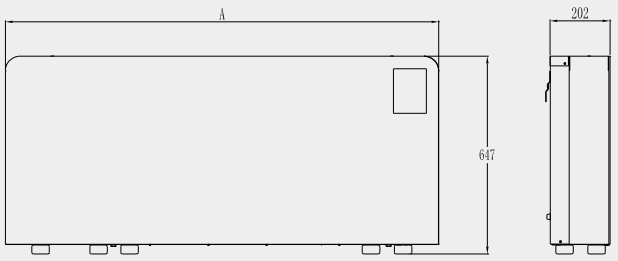
Working principle

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



Dimensions

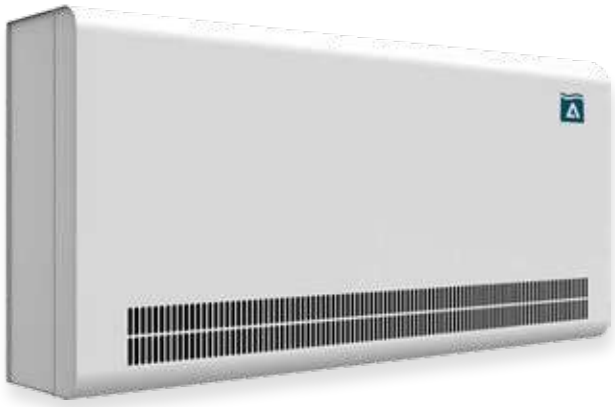
Code	ATEC22	ATEC35	ATEC45
	(mm)	(mm)	(mm)
Length	1295	1495	1695



Atecpool SET Dehumidifier
SET 1501-2501-3501 Dehumidifier

Atecpool SET swimming pool dehumidifiers





Atecpool SET swimming pool dehumidifiers

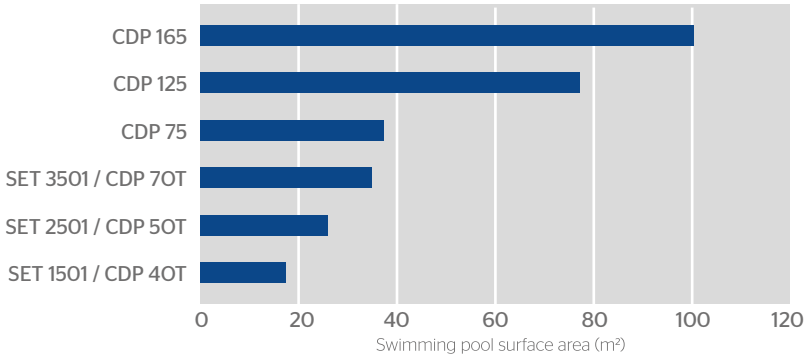
Wall-mounted or floor-standing condensation dehumidifiers have been designed to blend well with any modern pool interior. Offering energy-efficient and near-silent humidity control, the units were conceived with a view to quality and ease of operation. Combined with highly efficient fans and compressors, the advanced remote control and monitoring options contribute to cost-efficient operation and significant energy savings.

ECO friendly

Atecpool SET Dehumidifier keyfeatures

- Low sound level
- Low energy consumption
- Evaporator and condenser coils are epoxy coated
- Metal parts are powder coated before assembly
- Optional remote control
- Integrated control of heating and humidity (ON/OFF)
- BMS Communication (Modbus)
- 230V connection

Quick selection guide



Atecpool SET Dehumidifier Specifications

Specifications	Units	SET 1501	SET 2501	SET 3501
Operating temperature range	°C	10-36	10-36	10-36
Operating humidity range	% RH	40-100	40-100	40-100
Dehumidification rate	L/h	1.45	2.34	3.37
Dehumidification rate at 28°C/60%RH	L/24h	34	52	72
Air flow	m³/h	400	680	900
Sound pressure level	dB(A)	46	47	50
Power supply	V/Hz	230/1ph/50	230/1ph/50	230/1ph/50
Total connected load	kW	0.9	1.5	1.8
Fuse	A	3.8	6.6	8
Product size (w x d x h)	mm	1004x308x695	1154x308x695	1488/308/695
R407C gas weight/C02 equivalent	kg/t	0.7/1.24	0.9/1.60	1.2/2.13
Weight	kg	56.5	65	75.5

Dantherm
Dehumidification

CDP Pool Dehumidification - Efficient dehumidification for aggressive environments

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



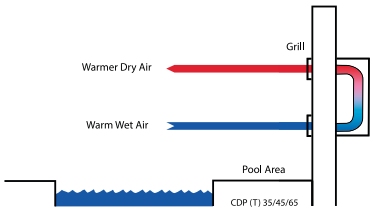
Through-wall mounted version CDP (T) 35/45/65

Technical data CDP (T) 40/50/70

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

Dimensions CDP (T) 40/50/70

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

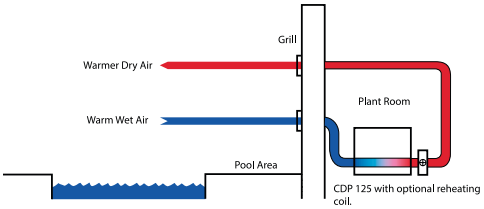


CDP(T) 35/45/65 units are designed for installation in an adjacent room and are supplied with a through-the-wall duct kit with supply and return air grills.

Ducted Version CDP 75/125/165



Ducted version CDP 75/125/165



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

Technical data CDP 75/125/165

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

Dimensions CDP 75/125/165

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

Flexible installation of the CDP

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

Features and benefits

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

Thermalec
Titanium Electrical Heater

The Thermalec pool and spa heater range

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



Size range from 3kW to 168kW

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

Standards

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

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

EU Council Machinery Directive 98/37/EEC

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

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

Control and indication

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

Thermostats: Pressurised liquid filled capillary type

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

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

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

Materials of Construction

Heater vessel: Fusion epoxy coated cast iron

Element holding plate: uPVC

Gasket: Silicone rubber

Water connections: uPVC socket

Heater elements: Titanium sheath

Electrical enclosure: Powder coated steel

Operating data

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

Max. Water temperature: 52°C heater outlet

Operating pressure: 2.0 bar max.

Ambient temperature: 40°C max.

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

Thermostat operating difference: 0.5 C°

Thermalec
Titanium Electrical Heater

The Thermalec pool and spa heater range - main features

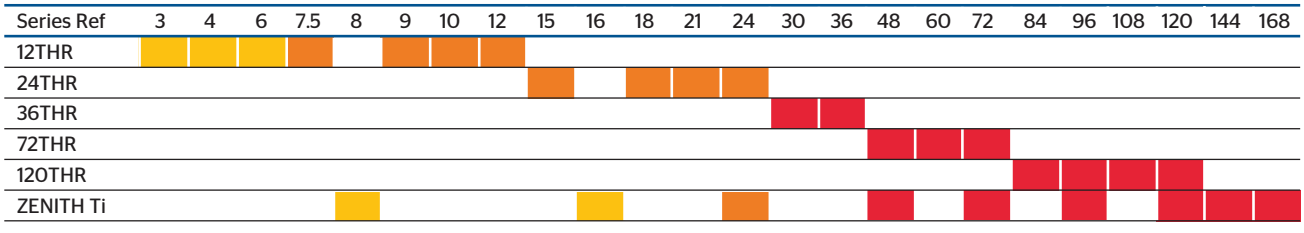
The heaters in the Thermalec® pool and spa heater range are classified in series according to the body size. There are six series in the range. Each series offers a choice of nominal power rating. The following tables summarise the main features of the range and power ratings available in each series.

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

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

Power ratings of Thermalec® heater standard models

Standard Models - Installed nominal power rating (kW)*



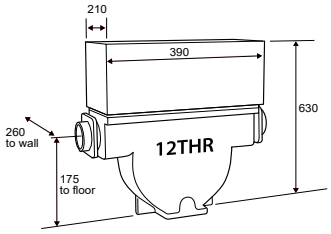
Single phase power supply only. *Single or three phase power supply.* *Three phase power supply only.*

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

Thermalec
Titanium Electrical Heater

12THR Series (3kW - 12kW)





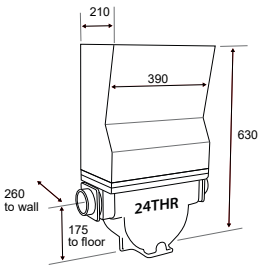
Code	Standard Power Supply: 230V/1ph/50Hz or 400V/3ph/50Hz				
	Load (kW)	Current (Amps) 1-ph/3-ph	Elements (no. x nominal kW)	1-phase version	3-phase version
12THRX3	3	14/n.a.	1 x 3 kW	Yes	No
12THRX4	4	17/n.a.	1 x 4 kW	Yes	No
12THRX6	6	27/n.a.	2 x 3 kW	Yes	No
12THRX7.5	7.5	33/11	3 x 2.5 kW	Yes	Yes
12THRX9	9	40/13	3 x 3 kW	Yes	Yes
12THRX12	12	53/17	3 x 4 kW	Yes	Yes

Water Flow Rate Ranges							
	3 kW	4 kW	6 kW	7.5 kW	9 kW	10 kW	12 kW
Max. (hard water) l/min	152	152	152	152	152	152	152
Max. (soft water) l/min	76	76	76	76	76	76	76
Minimum l/min	4.5	6	9	11	14	15	18

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

24THR Series (15kW - 24kW)





Code	Standard Power Supply: 400V/3ph/50Hz		
	Load (kW)	Current (Amps)	Elements (no. x nominal kW)
24THRX15	15	22	6 x 2.5 kW
24THRX18	18	26	6 x 3 kW
24THRX21	21	31	3 x 4 kW + 3 x 3 kW
24THRX24	24	35	6 x 4 kW

Water Flow Rate Ranges				
	15 kW	18kW	20kW	24kW
Max. (hard water) l/min	303	303	303	303
Max. (soft water) l/min	152	152	152	152
Minimum l/min	23	27	32	36

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

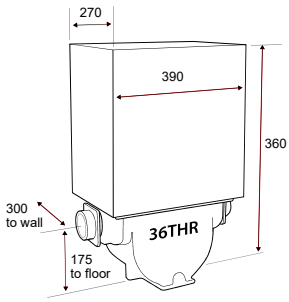
Thermalec
Titanium Electrical Heater

36THR Series (30kW - 36kW)



Code	Standard Power Supply: 400V/3ph/50Hz		
	Load (kW)	Current (Amps)	Elements (no. x nominal kW)
36THRX30	30	44	3x4 kW + 6x3 kW
36THRX36	36	53	9x4 kW

Water Flow Rate Ranges		
	30 kW	36 kW
Max. (hard water) l/min	300	300
Max. (soft water) l/min	150	150
Minimum l/min	46	55



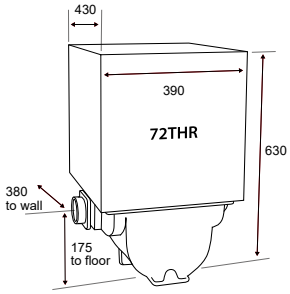
Packed dimensions: 660 x 450 x 330mm
Packed weight: 52kg

72THR Series (48kW - 72kW)



Code	Standard Power Supply: 400V/3ph/50Hz		
	Load kW	Current Amps	Elements (no. x nominal kW)
72THRX48	48	73	12x4 kW
72THRX60	60	91	15x4 kW
72THRX72	72	108	18x4 kW

Water Flow Rate Ranges			
	48 kW	60 kW	72 kW
Max. (hard water) l/min	300	300	300
Max. (soft water) l/min	150	150	150
Minimum l/min	73	91	109



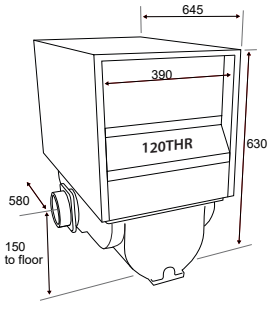
Packed dimensions: 660 x 450 x 470mm
Packed weight: 81kg

120THR Series (84kW - 120kW)



Code	Standard Power Supply: 400V/3ph/50Hz		
	Load (kW)	Current (Amps)	Elements (no. x nominal kW)
120THRX84	84	122	21x4 kW
120THRX96	96	140	24x4kW
120THRX108	108	157	27x4 kW
120THRX120	120	174	30x4 kW

Water Flow Rate Ranges				
	84 kW	96 kW	108 kW	120 kW
Max. (hard water) l/min	700	700	700	700
Max. (soft water) l/min	350	350	350	350
Minimum l/min	127	146	164	182



Packed dimensions: 750 x 580 x 750mm
Packed weight: 140kg

Pool Heating
Plate Type Heat Exchangers

Standard Plate Heat Exchangers AISI 316 / AISI 316L

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



Hightlights:

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

Advantages

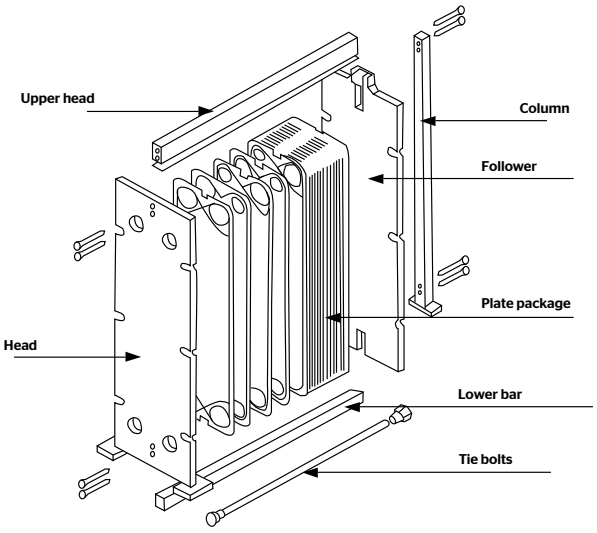
- The plates and plate patterns are constructed to maintain a high thermal efficiency with a low pressure drop
- There are two pattern designs available with different pressing angles giving respectively high/low turbulence flow, dependant on the given selection
- The inlet channels allow for maximum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

Plate Design

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

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

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



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

ATECPOOL

WATER TREATMENT



ATECPOOL INTERNATIONAL GROUP

atecpool.com



WATER TREATMENT

ATECPOOL INTERNATIONAL GROUP

ATECPOOL CHEMICAL DOSING & CONTROL



Widest range of water treatment solutions for your pool

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

Highest standard of service, full automation and control system with wide selection of water treatment equipment make our treatment the best and hassle free. Water Treatment equipment are calibrated and designed to comply with the values regulated by the World Health Organization (WHO) Health Department and the National Spa and Pool Institute (NSPI) for the prevention of germs and bacteria.

ATECPOOL is your best choice to ensure high quality water.

ATECPOOL SALT WATER ELECTROLYSIS

COMMERCIAL & PRIVATE

Salt Electro-chlorination > Healthier water and better resources



Salt Water Electrolysis

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

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

ECO friendly

Salt Water Electrolysis
AT-Series Salt Chlorinator

Salt Water Chlorinator Residential

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

All our household salt chlorinators have been designed with high quality materials. They have the latest technology, such as a self-cleaning cell and programmable configuration, to reduce its maintenance and increase its efficiency

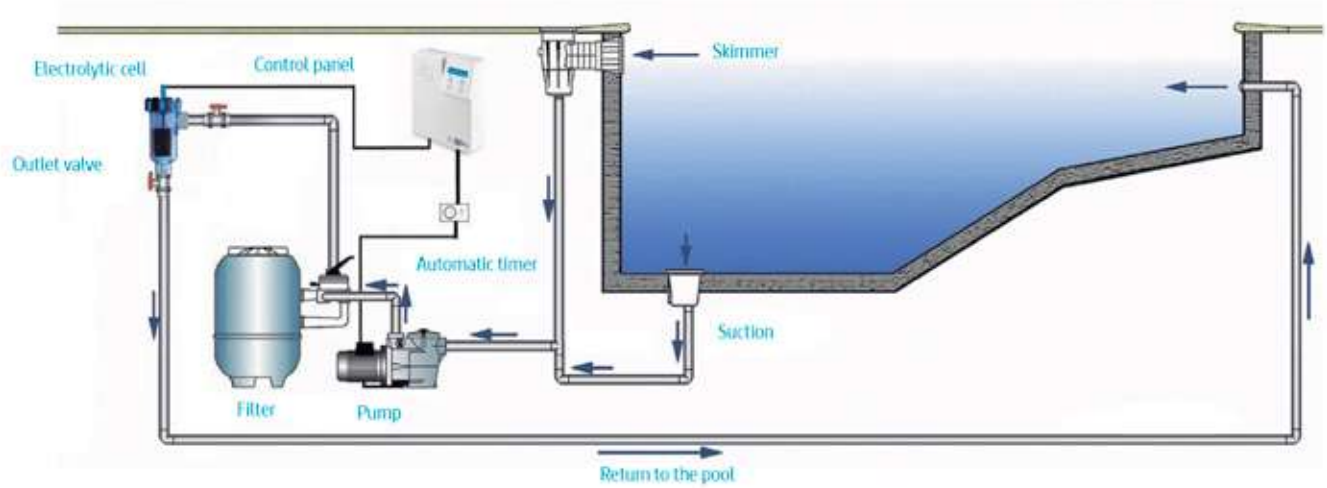


Code	Description
ATEC15	AT-Series Salt Chlorinator 15g/h
ATEC20	AT-Series Salt Chlorinator 20g/h
ATEC30	AT-Series Salt Chlorinator 30g/h
ATEC50	AT-Series Salt Chlorinator 50g/h

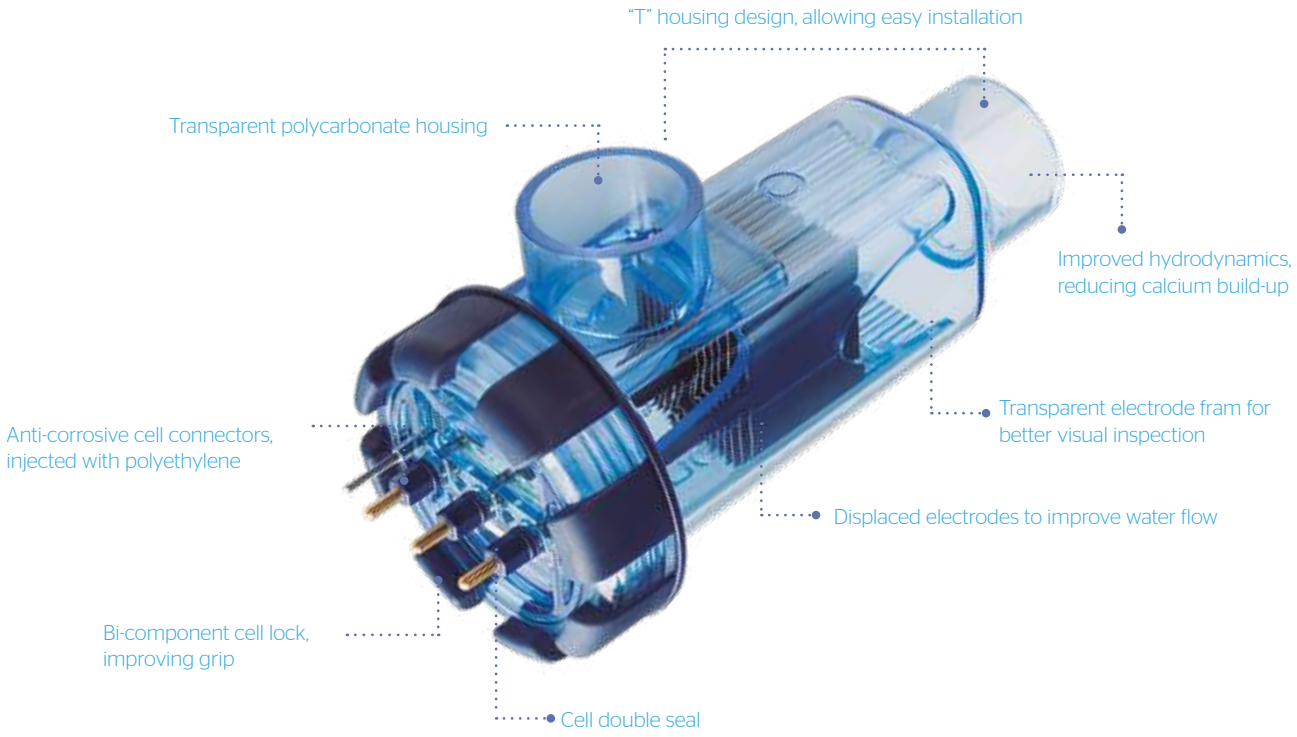
Specifications

- New sealed power supply of high performance.
- Elimination of forced air ventilation: high resistance to corrosive atmospheres, notable decreases faults. IP65 rate.
- New easy user interface with Backlit LDC display.
- New wall mounting with independent stainless steel bracket.
- Detachable lead plug that allows faster and easier technical service installation.
- Self-cleaning cell.
- Cell connection without nuts, using thermo rubber waterproof connector.

Installation diagram



Salt Water Electrolysis
AT-Series Salt Chlorinator



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

50 m^3 ↔ 200 m^3

10.000 hr

pH

- Economical
- Easy installation
- Easy to use

Salt Water Electrolysis
AT-Series Salt Chlorinator Combined Pack

Atecpool Salt Chlorinator combined unit - 3 Packs

1



Code: ATECPACK001

AT-Series Wireless Salt Water Chlorinator + pH Wireless Pump

pH Wireless Chlorinator

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

pH Wireless Pump

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

2



Code: ATECPACK002

AT-Series Salt Water Chlorinator + pH Basic Controller

pH Basic Controller

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

Elements included

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

Technical Features

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

3



Code: ATECPACK003

AT-Series Salt Water Chlorinator + pH Redox Controller

pH Redox Controller

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

Elements included

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

Technical Features

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

Atecpool pH Measuring and Control Unit
pH Control and Dosing

Atecpool pH Basic

The Atecpool pH Basic system allows you to measure the pH of the pool and correct it by injecting acid using a metering pump. It is composed of a control unit that measures ph and contains the control software and an integrated acid metering pump. To take into account the delay in measurement and avoid excessive dosing, the pump got alternate periods of pause and run of 100 seconds when you have to inject acid. All control and measurement functions are performed on the controller and are configured using an LCD screen, a 4-key keyboard and a simple menu system.



ATEC-PH001

Specifications

- Peristaltic pump head easy to disassemble and replace.
- Stand by: alarm display due to no flow in probe-holder.
- Included: Dosing Pump 1,5l/h @ 1.5 Bar w/ pH Electrode, Probe Holder, Calibration Solution for pH and Fixing Brackets.
- Connection and installation kit.
- Dimensions: 218 x 125 x 95 mm.
- Input: 100-220 VAC +10%.
- Power 5 W.

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

Atecpool pH Delta



Specifications

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

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

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



Suction Kit with Liquid Level Sensor



PDVF Suction and Injection Kit



Injection Kit



Pipe Kit

Atecpool Invertek
Salt Chlorinator

Atecpool Invertek Salt Chlorinator

Invertek technology adopts an advanced PID algorithm for accurate control of chlorine production and pH regulation. With self adaptation to different situations and 100% powerful inverter, Invertek saves more time whether during initial disinfection or after having heavy bathers load. It can also operate at a low salt level of 2g/L and keep crystal pure water without worries about frequent salt maintenance.



ATEC-IKS10



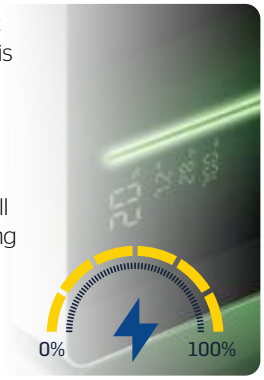
Specifications

- It has a 130% powerful turbo inverter for fast disinfection in 5 hours.
- Good performance even low to 1.5g/L salt level.

Dynamic Control

Embedded with dynamic inverter control, Invertek is intended to offer triple benefits.

Running adaptively from 0%-100%, the new type features more durable cell life, absolute energy-saving operation, and lasting water quality.



GET IT ON Google Play

Download on the App Store



Model	IKS10	IKS16	IKS22	IKS28
Description				
Production (g/h, 3000PPM)	10.0	16.0	22.0	28.0
Salt Level (g/L)	2-5 (recommended 3g/L)			
Technical specifications				
Advised water flow (m³/h)	5-18			
Power Supply	100-240V 50/60Hz			
Power Consumption (W)	60	85	110	130
Operating Temperature (°C)	-5°C ~ 42°C			
Salinity Test	Salt Level Detection (accuracy ±500PPM)			
Self-cleaning	Default 4h, 3 options in total (2/4/6h)			
pH Dosing Pump	Built-in/Integrated			
Communications	MODBUS RS485 / Wi-Fi / Dry Contact			
Control Unit Dimension LxWxH (mm)	202 x 270 x 75			
Electrolysis cell				
Water connection (mm)	63/50			
Electrodes	10 titanium plates			
Water Temperature	10°C ~ 40°C			
Maximum Pressure	3.0 Bar for Probe Cell, 4.5 Bar for Electrolysis Cell			
Cell Life (h)	10000			
Packaging specifications				
Net Weight (kg)	7.3			
Gross Weight (kg)	9			
Packaging Dimension LxWxH (mm)	550 x 400 x 300			

Atecpool Commercial Salt Chlorinator
Selection guide

Commercial Pool Salt Chlorinator Selection Guide

Follow the below table to ensure a proper performance of Commercial Salt Chlorinators in public swimming pools.







Water volume >	100m³	200m³	400m³	500m³	750m³	1000m³	1500m³
Bathers per day							
50	ATEC75PR ATEC50PR	ATEC100PR ATEC75PR	ATEC150PR ATEC150PR	ATEC150PR ATEC150PR	ATEC250CM ATEC250CM	ATEC300CM ATEC300CM	ATEC500CM ATEC500CM
100	ATEC100PR ATEC75PR	ATEC150PR ATEC100PR	ATEC150PR ATEC100PR	ATEC250CM ATEC180PR	ATEC300CM ATEC250CM		
200	ATEC150PR ATEC100PR	ATEC250CM ATEC180PR	ATEC250CM ATEC180PR	ATEC300CM ATEC250CM	ATEC500CM ATEC300CM	ATEC500CM ATEC500CM	ATEC750CM ATEC500CM
300			ATEC300CM ATEC180PR		ATEC500CM ATEC300CM		
400				ATEC500CM ATEC250CM			
500						ATEC750CM ATEC500CM	ATEC1000CM ATEC500CM

Note:

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

Calculation parameters

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

Salt Water Electrolysis
Atecpool Premium Salt Chlorinator

Premium Salt Water Chlorinator



Specifications

- High performance electrochlorinators for intensive commercial application (residential & hotel pools).
- Waterproof high power performance switch modes, without forced ventilation.
- Electronics inside 316 stainless steel insulated cabinet, without air external ventilation, highly resistant to corrosive atmospheres. IP-65.
- Electronic current control.
- Fully programmable electronics with an accessible operation registry.
- Low maintenance self-cleaning cell easily accessible.
- New easy user interface with backlit LCD display.
- Extended salinity range: 500 - 35.000 ppm (sea water).
- Methacrylate electrodes cassette to ease inspection.
- Self cleaning cell easily accessible and of a low maintenance.
- Expected electrode life: 14.000 hours.
- Flow switch.

Model	ATEC75PR	ATEC100PR	ATEC150PR	ATEC180PR
Description				
Power requirements / Watts	220-240 VAC / 400 Watts	220-240 VAC / 500 Watts	220-240 VAC / 725 Watts	220-240 VAC / 750 Watts
Voltage output	24 VDC	24 VDC	24 VDC	24 VDC
Chlorine production per hour (5g/l salt)	75 gr/h	100 gr/h	150gr/h	180gr/h
Cell expected life span	14.000 h			
Minimum flow	10 m³/h	10 m³/h	10 m³/h	10 m³/h
Connections	63 mm	63 mm	63 mm	63 mm
Weight	15 kg	20 kg	25 kg	28.5 kg
Pallet Packaging dimensions	790 x 650 x 410 mm			

100 m³ ↔ 500 m³

14.000 hr

- High Performance
- Easy installation
- Easy to use

Salt Water Electrolysis
Atecpool Commercial Salt Chlorinator

Commercial Salt Water Chlorinator









Specifications

- High performance electrochlorinators for intensive commercial application and high capacity (public installations).
- Waterproof high power performance switch modes, without forced ventilation.
- Electronics in 316 stainless steel insulated cabinet without air external ventilation, highly resistant to corrosive atmospheres. IP-65.
- Electronic current control.
- Temperature and waterflow control.
- Prepared for industrial control by CAN or Profibus.
- Extended salinity range: 500 - 35.000 ppm (sea water).
- Compact mounting design with integrated cell & housing.
- Methacrylate electrodes cassette to ease inspection.
- Low maintenance reverse polarity cell easily accessible.
- Electrodes of a low current density and long life: 14.000 hours.
- Flow switch.

Model	ATEC250CM	ATEC300CM	ATEC500CM	ATEC750CM	ATEC1000CM
Description					
Power requirements / Watts	230 VAC / 1.350 Watts	230 VAC / 1.625 Watts	230 VAC / 2.540 Watts	230 VAC / 3.540 Watts	230 VAC / 4.440 Watts
Voltage output	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
Chlorine production por hour (5g/l salt)	250 gr/h	300 gr/h	500gr/h	750gr/h	1000gr/h
Cell expected life span	14.000 h				
Minimum flow	15 m³/h	15 m³/h	30 m³/h	45 m³/h	60 m³/h
Connections	63 mm	63 mm	75 mm	90 mm	110 mm
Weight	75 kg	80 kg	100 kg	125 kg	150 kg
Packaging dimension	900 x 605 x 1155 mm		1150 x 610 x 1155 mm	1185 x 985 x 1130 mm	

200 m³ ↔ 1500 m³

14.000 hr

- High Performance
- Easy installation
- Easy to use

ECO friendly

ATECPOOL SALCHLORO GENERATOR

ON-SITE CHLORINE PRODUCTION

On site chlorine production
by Atecpool SalChloro



ECO friendly

Atecpool SalChloro

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

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Atecpool SalChloro Generator
On-site CL Production

Atecpool SalChloro Generator

SC17AT Model



SC35AT Model



SC70AT Model



Atecpool SalChloro Generator includes

1 Control and Production Box

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

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

2 Production Cells

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

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

3 Softener

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

4 Saturated brine tank

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

High storage capacity: to add salt level punctually.

5 Storage Tank

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

Free-moving suction: allows hypochlorite suction.

Level probe: allows to avoid the dosing pump deactivation.

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

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

6 Pump

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

7 Hydrogen Exhaust System

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

8 Connectivity

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

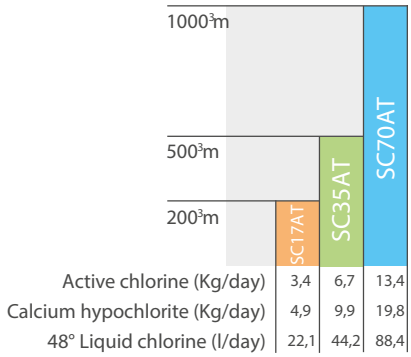
Remote management: connect pro: Thanks to a simple local network connection, you remotely and real-time centralized information on water quality. Thus, by checking pool parameters on Connect Pro, you significantly reduce your moves

Atecpool SalChloro Generator

Chlorine Generator for public and commercial pools

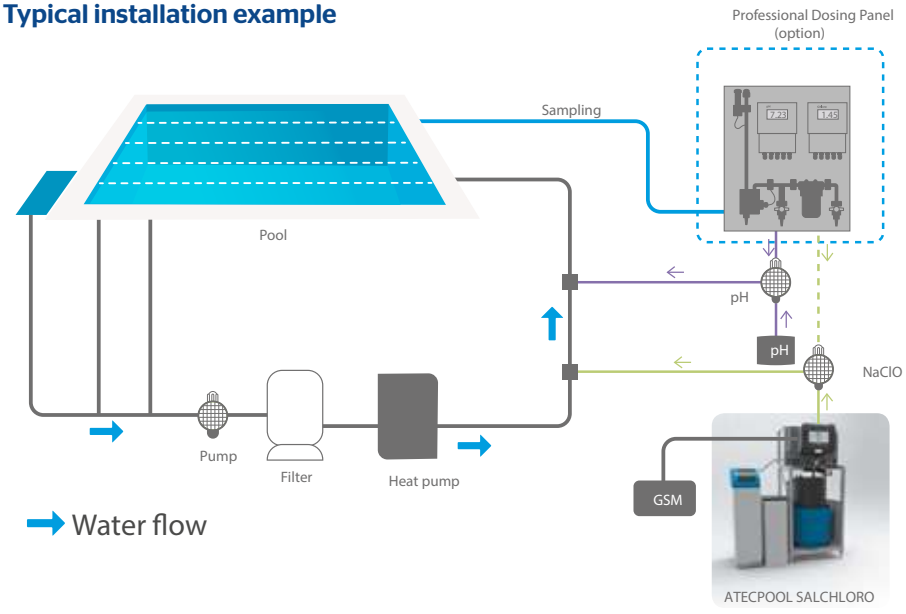
Model	SC17AT	SC35AT	SC70AT
CHLORINE PRODUCTION			
Maximum chlorine solution production capacity (liter / h). Active chlorine concentration of the solution: 8 g / liter	17,5	35	70
Chlorine production capacity (g/h)	140	280	560
Maximum production per day (Kg/day)	3,4	6,7	13,4
Equivalent Calcium Hypochlorite 68% (Kg/day)	4,9	9,9	19,8
Liquid chlorine equivalent 48° chlorine (Liter / day).	22,1	44,2	88,4
CONSUMPTION			
Certified biocidal salt (kg/kg chlorine)		3,125	
Softened water (liter/kg of chlorine)		125	
Electricity (Kwh/kg of chlorine)		2,8	
TECHNICAL FEATURES			
Power supply		220 - 240 VAC Mono	
Electrode quantity	2	4	8
Electrode lifespan		10.000 hs	
Electrode supply		12 V	
Power generation	2x20A	4x20A	8x20A
PRODUCTION - STORAGE			
Water softener, resin volume (l)	10	10	10
Brine tank capacity (l)	100	200	200
Production tank volume (l)	60	125	250
Alarms	low water, low salt, temperature, no flow, electromagnetic valve, production, sensor, overflow, hydrogen and ventilation		
Modes	Manual BOOST, Scheduled BOOST		
Communication	SMS alerts, Connect Pro		

Selection chart:



This correspondence table is for reference only. Various parameters are taken into account for model selection in line with pool basin. Contact customer service for detailed selection of Atecpool SalChloro Generator.

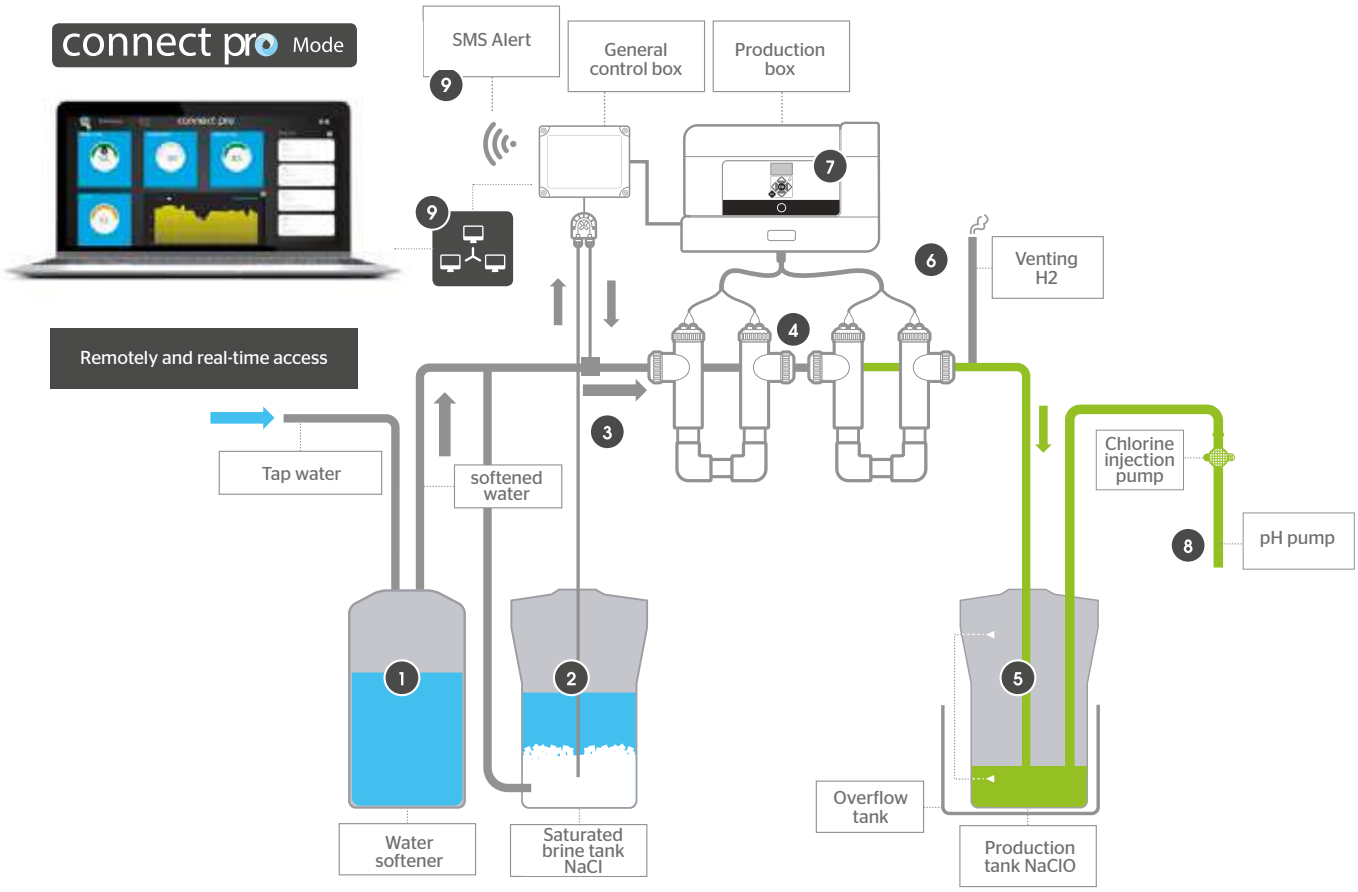
Typical installation example



Atecpool SalChloro Generator
On-site CL Production

Atecpool SalChloro - Operating Principle

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



1. A softener feeds the installation with softened water.
2. Saturated brine is obtained on site from softened water and salt.
3. The brine is injected into the softened water stream before the production cell lines.
4. Softened water and salt are converted into a solution of sodium hypochlorite (NaClO) according to saltwater chlorination process.
5. The solution of sodium hypochlorite is poured, by gravity, into a storage tank equipped with level detectors. The production is triggered or stopped automatically depending on the position of the level detectors in order to constantly maintain the required stock of solution. The tank capacity varies depending on the model.
6. The hydrogen produced is evacuated to the outside by a degassing chimney.
7. The control box independently manages the production of sodium hypochlorite (NaClO). It allows to maintain a constant supply of solution in order to guarantee, in all circumstances, the ideal chlorine level in the basin.
8. The supply of the chlorinated solution tank is controlled by automatic chlorine regulation (optional).
   The injection is done by a large flow metering pump.
9. SMS Alerts/Remote fleet management

ATECPOOL CHEMICAL REGULATION & CONTROL

PR-007 & PR-009

Integrated Pre-Assembled Panels for Automation





PR007 and PR009 Series Control Panels

Automatic Dosing System for measuring pH, ORP, Free CL (PPM). Fully assembled probe holder panel with pre-filter.

Intelligent Dosing function.

ISO 9001: 2015

ATECPOOL INTERNATIONAL GROUP | atecpool.com

Automatic Chemical Regulation and Control
Integrated Pre-Assembled Panels for Automation

Automatic Chemical Regulation Specifications

- pH / Cl control able to handle 1 digital output (suitable to water meter impulses), 2 relay outputs, and 2 (4-20 mA) outputs.
- "Pump Stop" safety system.
- Electronic dosing control.
- Probe holder panel with pre-filter, inductive low detector and flow regulator.
- Cl (ppm) monitoring by potentiostatic membrane ION selective probe (PR007MC Panel) and amperometric cell with Cu electrode (PR-007 Panel).
- "Intelligent Dosing" function.

PR-007 Panel (CLC2 Amperometric CL Cell)



PR-007 Panel

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



PR007MC Panel

PR-007 Panel for Automation

Model	PR-007
Description	Panel Assembly with CLC2
Input voltage	230 Vac, 50/60 Hz.
Readings	pH / Cl_2 (ppm)
Control output	pH, ORP, Cl: 1x0.5A ac max/230V + 1x15Vdc 8W +1x Amperometric CL Cell Control input product level. potential-free, CLC_2 sensor.
Range Cl_2 (ppm):	0.0 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 L/h
Cl Electrode	Copper / Platinum
Temperature	5 - 40°C

PR007MC Panel for Automation

Model	PR007MC
Description	Panel Assembly with CLS2-1H
Input voltage	230 Vac, 50/60 Hz.
Readings	pH / Cl_2 (ppm)
Control output	pH, ORP, Cl: 1x0.5A ac max/230v + 1x15Vdc 8W +1x potential-free inductive sensor
Range Cl_2 (ppm):	0.0 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 L/h
Cl Electrode	Membrane ION Selective Sensor CLS2-1H
Temperature	5 - 40°C

Automatic Chemical Regulation and Control
Integrated Pre-Assembled Panels for Automation

Automatic Chemical Regulation and Control Specifications

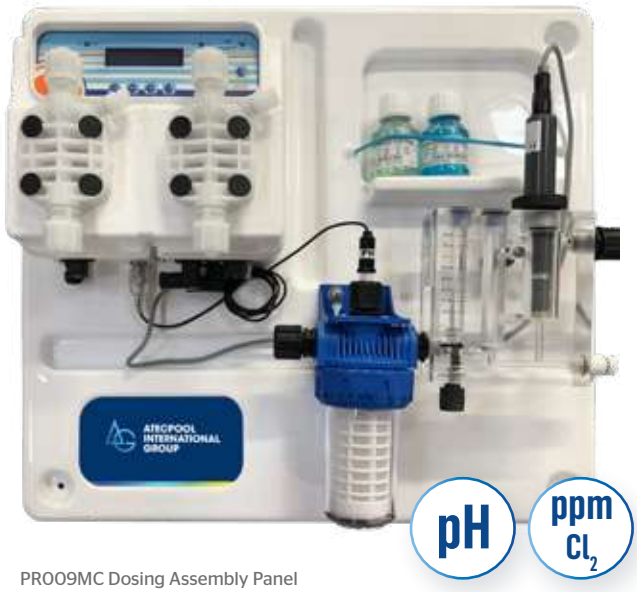
- Dual Dosing Panel PH/Chlorine dosing system with built in controller with PPM display.
- 3 operating modes: constant, ON / OFF, proportional.
- Electronic dosing control.
- Probe holder panel with pre-filter, inductive low detector and flow regulator.
- Cl (ppm) monitoring by potentiostatic membrane ION selective probe (PR009MC Panel) and amperometric cell with Cu electrode (PR-009 Panel).
- "Intelligent Dosing" function.

PR-009 Panel (CLC2 Amperometric CL Cell)



PR-009 Dosing Assembly Panel

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



PR009MC Dosing Assembly Panel

PR-009 Dosing Assembly Panel

Model	PR-009
Description	Dosing Panel with CLC2
Input voltage	230 Vac, 50/60 Hz.
Pump Head	PVDF fittings 1/2"
Readings	pH / Cl_2 (ppm)
Control output	pH, Cl: 1x0.5A ac max/230v + 1x15Vdc 8W +1x Amperometric CL Cell
Control input	product level. potential-free, CLC_2 sensor.
Range Cl_2 (ppm)	0.20 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 l/h
Cl electrode	Copper / Platinum
Temperature	5 - 40°C

PR009MC Dosing Assembly Panel

Model	PR009MC
Description	Dosing Panel with CLS2-1H
Input voltage	230 Vac, 50/60 Hz.
Pump Head	PVDF fittings 1/2"
Readings	pH / Cl_2 (ppm)
Control output	pH, ORP, Cl: 1x0.5A ac max/230v + 1x15Vdc 8W +1x potential-free inductive sensor
Control input	product level. potential-free, inductive sensor-low detector
Range Cl_2 (ppm)	0.0 - 2.0 ppm
Range pH	6 - 8
Pressure	1 BAR
Flow rate	30 - 40 l/h
Cl electrode	Membrane ION Selective Sensor CLS2-1H
Temperature	5-40°C

Specifications

Standard	Pressure	Max	Max	Stroke	Solenoid	Weight	Pump head	VA	Pulses
	Bar	l/h	cc / imp			kg			
Chlorine pump	5	10	1.11	1.3	Ø80	8	PVDF	50	150
pH Pump	5	10	0.55	1.1	Ø80	8	PVDF	50	150

Water Treatment
PR007 Pro Wi-Fi Controller

Atecpool PR007 Pro Wi-Fi Controller

Atecpool PR007 Pro Wi-Fi Controller is the new and innovative fully digital multiparameter ALL-IN-ONE SYSTEM for the control and regulation of pool water treatment.



GET IT ON Google Play

Download on the App Store



Model	PR007 Pro Wi-Fi
Description	Wi-Fi Dosing Controller for pH/CL

Specifications

- All-In-One System.
- Wi-Fi Connection.
- Online Control Via App.
- Electrode/Probes for pH/RX/ CL/Temp / Flow/ Level not included.
- Accurate and reliable readings.
- Suitable fo all types of pools.
- Touchscreen 10”

Features	Details
Parameters	Automatic reading and regulation of ph / redox / chlorine and temperature
Winter function	Automatic operation of the recirculation pump to prevent ice formation
Outputs	N° 2 outputs mA range 0/4÷20 mA - N° 5 programmable outputs - N° 5 outputs dry relay
Pool covers	Pool cover detection function
Circulation pump	Automatic adjustment of the filtration pump. Operation status check
Level probe	Level probe signal input
Flow sensor	Automatic alarm that alerts and disables all outputs in case of no water flow
Menu	Operating system in various languages (Italian, English, French, Spanish, Russian, Dutch, German)

Control your pool when and where you want

With PR007 Pro Wi-Fi platform, the owner and / or installer of the pool is able to control and operate, on site or remotely, a set of different functions and parameters; from home, office or anywhere via smartphone, without having to access the technical room. Statistics and history of the operations carried out can be viewed in real time.

PR007 Pro Wi-Fi Controller for Water Treatment

- Control of pH / Redox / Chlorine / Temperature values.
- Automatic regulation of the recirculation pump.
- Swimming pool lighting management
- Other fully programmable outputs

The instrument integrates the most important and complete functions for a complete control of the pool. Equipped with 10-inch touchscreen and an innovative graphic interface, all operations are intuitive and easy to set.

An innovative and safe tool, that includes numerous automatic alarms and the possibility of customizable alerts on all controlled parameters.

- Power supply 100÷240 Vac 50 Hz.
- Protection degree IP65

Automatic Chemical Regulation and Control
pH & ORP Measurement and Controlling Device

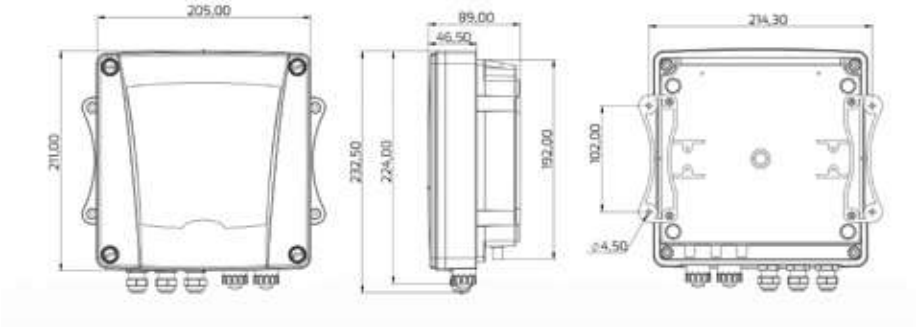
Tetra Controller for pH & ORP



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



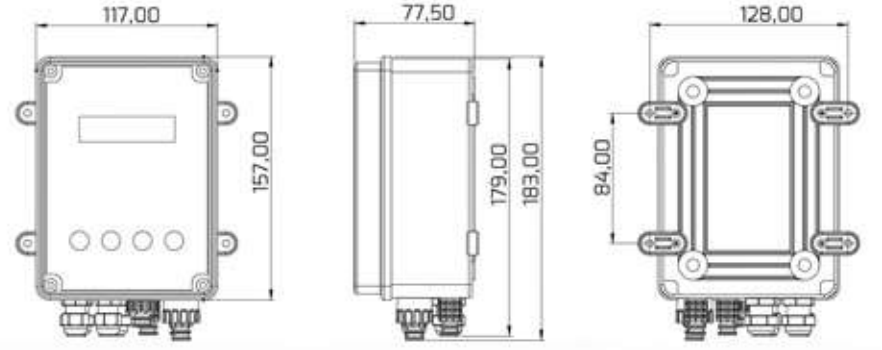
Aquameter Controller for pH or ORP



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.
- Programmable alarm output.
- 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.
- Proportional control.

Code	Model	Description
pH003	AQUAMETER pH	pH measurement and controlling device
RX005	AQUAMETER ORP	Redox measurement and controlling device



Automatic Chemical Regulation and Control
pH/ORP Liquid Level Controlled Digital Dosing Pump

pH / ORP Microprocessor in-built Digital Dosing Pump



Specifications

- Digital screen, precise dosing with micro controller technology, time adjustment, liquid level control and user password parameters
- Only Digital Dosing Pump without pH or RX electrodes/holders.
- ORP (REDOX) or pH measurement with standard combination electrodes
- Totally digital and automatic calibration by using buffer solutions
- Start-up Delay function, adjustable timer for correct reading measurements according to chemical reaction time (0-60 min.)
- 4-20mA analog input
- Volumetric proportional control when connected to flowmeters (water meter, flowmeter, etc.)(Volumetric control cable is not included product package)
- Adjustable BNC input (optional liquid level or flow contact)
- Easy and flexible installation and usage by the vertical mount design
- High resistance to corrosive chemicals with the PVDF Pump
- Head and entire IP65 body Electronic circuit controlled electromagnet and long lasting Teflon(PTFE) diaphragm
- Suction, injection parts and liquid level sensor accessories included

Code	Model	L/h	Bar
620-570	ATEC-phRX 5L/7B	5	7
620-580	ATEC-phRX 10L/5B	10	5
620-590	ATEC-phRX 2L/20B	2	20

pH / RX Microprocessor in-built Digital Dosing Pump



Specifications

- Only Digital Dosing Pump without pH or RX electrodes/holders.
- 95- 260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to voltage.
- Less maintenance by Zirconium Ball and Long-Life Teflon (PTFE) diaphragm.
- Proportional working by Ph or Orp measurement, Sensor calibration
- Controlled operation with analog input 4-20 mA/ 20-4 mA/ 0-20 mA/ 20-0 mA Able to work with volumetric ppm operating system,
- Capacity calibration, Operation limiting function, Knock feedback adjustment
- Alarm notification and alarm output, ModBus RTU (RS485) communication input

Code	Model	L/h	Bar
630-110	ATEC-phRX 10L/10B	10	10
630-255	ATEC-phRX 25L/5B	25	5

Accessories included with the dosing pumps

Standard Accessories



Suction Kit with Liquid Level Sensor



PVDF Suction and Injection Kit



Injection Kit



Pipe Kit



Base fixing bracket (supplied with 630 models only)

Solenoid Driven Dosing Pumps
Manual Dosing Pumps

Analogue Liquid Level Controlled & 1/10 Adjusted Dosing Pump





Specifications

- Adjustable stroke rate via the potentiometer on the device.
- **Liquid level control and 1/10 adjustable button.**
- Easy and flexible installation by vertical mounting design.
- High resistance to corrosive chemicals with the PVDF Pump Head and the entire IP65 body.
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm.
- Less maintenance with ceramic ball design.
- Suction and injection parts included.
- Wall mounting housing, includes a support bracket for easy quick mounting.

Code	Model	Description	Frequency
210 402	ATEC - APS 2L / 10LB	2 Ltr / 10 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min
210 405	ATEC - APS 5L / 7B	5 Ltr / 7 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min
210 410	ATEC - APS 10L / 5B	10 Ltr / 5 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min
210 412	ATEC - APS 2L / 20B	2 Ltr / 20 Bar Level Controlled & 1 / 10 Adjustable Analogue Dosing Pump	120 imp / min

Analogue Dosing Pump



Specifications

- Adjustable stroke rate via the potentiometer on the device.
- Easy and flexible installation by vertical mounting design.
- High resistance to corrosive chemicals with the PVDF Pump Head and the entire IP65 body.
- Less maintenance with ceramic ball design.
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm.
- Suction and injection parts included.
- No Level Control Sensor included.
- Wall mounting housing, includes a support bracket for easy quick mounting.

Code	Model	Description	Frequency
110 302	ATEC - A 2L / 10B	2 Ltr / 10 Bar A- series Analogue Dosing Pump	120 imp / min
110 305	ATEC - A 5L / 7B	5 Ltr / 7 Bar A- series Analogue Dosing Pump	120 imp / min
110 310	ATEC - A 10L / 5B	10 Ltr / 5 Bar A- series Analogue Dosing Pump	120 imp / min
110 312	ATEC - A 2L / 20B	2 Ltr / 20 Bar A- series Analogue Dosing Pump	120 imp / min

Accessories with the dosing pumps

KIT1 STD: Standard Accessories

Dosing Pumps up to 20 l/h. Included with the pump:

- 1 Injection fitting 3/8" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid)
- 2 + 1,5m suction Hose PVC (flexible)
- 1 Filter fitting PP / Foot Valve lip type FPM





Solenoid Driven Dosing Pumps
Manual Dosing Pumps

Analogue Solenoid Driven Dosing Pump- Commercial Pools



Specifications:

- Adjustable stroke rate via the potentiometer
- 95-260 VAC working range and solenoid driven technology that can do automatic adaptation accordingly to line voltage
- Low energy consumption
- Easy and flexible installation and usage by the vertical mount design and alternative mounting advantage by base fixing bracket
- High resistance to corrosive chemicals with the PVDF Pump Head and entire IP65 body
- Electronic circuit controlled electromagnet and long lasting Teflon (PTFE) diaphragm
- Lesser maintenance by ceramic ball design Suction and injection parts included.
- Double Liquid Level Control Input
- 1/10 Adjustment Button

Code	Model	Description	Frequency
510 525	ATEC - PVDF 25L / 5B	25 Ltr / 5 Bar Level Controlled & 1/10 Adjustable Analogue Dosing Pump	160 imp / min
510 530	ATEC - PVDF 30L / 3B	30 Ltr / 3 Bar Level Controlled & 1/10 Adjustable Analogue Dosing Pump	160 imp / min
510 535	ATEC - PVDF 35L / 2B	35 Ltr / 2 Bar Level Controlled & 1/10 Adjustable Analogue Dosing Pump	160 imp / min
510 540	ATEC - PVDF 40L / 1B	40 Ltr / 1 Bar Level Controlled & 1/10 Adjustable Analogue Dosing Pump	160 imp / min

Accessories with the dosing pumps

KIT2 STD: Standard Accessories



Dosing Pumps up to 20 - 80l/h. Included with the pump:

- 1 Injection fitting 1/2" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid)
- 2 + 1,5m Suction Hose PVC (flexible)
- 1 Filter fitting PP / Foot Valve lip type FPM

Peristaltic Analog Dosing Pump



Specifications

- Adjustable Flow Rate
- Rapid Button
- PP- IP 65 Chemical Resistant Body
- On-Off Button
- Long-lasting roller system
- Chemical Discharge Tip
- ph-Chlorine dosing
- Detergent dosing
- Rinsing aid dosing
- Easy mount and dismount via back lid slider

Code	Model	L/h	Max. Counter Press Bar	Description
101-280	ATEC-ASP 5,1L/0.5B	5,1	0,5	5,1 Ltr / 0.5 Bar Peristaltic Analogue Dosing Pump
101-290	ATEC-ASP 2,8L/3B	2,8	3	2,8 Ltr / 3 Bar Peristaltic Analogue Dosing Pump

Accessories included with the different models > Box content Accessories



pH Chlorine:
(pH-CL) model box content



Detergent:
model box content



Rinse Aid:
model box content

Motor Driven Dosing Pumps
Manual Dosing Pumps

MTP Plastic Body Electromechanic Diaphragm Dosing Pump



Specifications

- Ideal solution for dosing high amount of liquid chemicals in precise measure
- Optional Pump head, unions and check valve preference among PP, SS 316 and PVDF materials according to chemical used
- Capacity adjustment from 0%-100% while running or standby
- Ability of capacity adjustment with 4-20 mA signal input motor driver

Code	Model	L/h	Max Pressure	Ø Diaphragm	Stroke / min		Stroke (mm)	kW / \ Voltage	Connections
					50 Hz	60 Hz			
580-505	ATEC-MTP 14L/5B	14	5	66	42	50	4	0.09 / 380V	3/4"
580-507	ATEC-MTP 32L/5B	32	5	66	85	102	4	0.09 / 380V	3/4"
580-509	ATEC-MTP 49L/5B	49	5	66	128	153	4	0.09 / 380V	3/4"

MTM Metal Body Electromechanic Diaphragm Dosing Pump



Specifications

- Ideal solution for dosing high amount of liquid chemicals
- in precise measure
- Optional Pump head, unions and check valve preference among
- PP, SS 316 and PVDF materials according to chemical used
- Capacity adjustment from 0%-100% while running or standby
- Ability of capacity adjustment with 4-20 mA signal input motor driver

Code	Model	L/h	Max Pressure	Ø Diaphragm	Stroke / min		Stroke (mm)	kW / Voltage	Connections
					50 Hz	60 Hz			
590-605	ATEC-MTM 50L/7B	50	7	110	40	48	5	0.25 / 380V	3/4"
590-607	ATEC-MTM 100L/7B	100	7	110	80	96	5	0.25 / 380V	3/4"
590-609	ATEC-MTM 150L/7B	150	7	110	120	145	5	0.25 / 380V	3/4"

Accessories included with these models:



MTP/MTM Connection Kit
PP 9x12mm



Suction and
Injection Kit MTP/MTM 9x12 PP



Pipe Kit 9x12 PE 10M



Suction 4x6 PS and
Injection Kit 4x6 P

Automatic Chemical Regulation and Control
Accessories

CLC2 Amperometric Chlorine Cell for measuring Free CL (PPM)

Metacrylate Amperometric chlorine cell, self-cleaning with glass balls measuring organic and inorganic free chlorine 0-10 mg



CLC2

Specifications

- Self-cleaning cell with glass balls
- Range 0÷10 ppm. Electrode Platinum/Copper in vertical position to avoid bubbles
- Flow adjustment: 40÷50 l/h or by visual adjustment (to be steady and continuous)
- Max pressure 5 bar - Max temperature 5÷60°C
- In-coming water flow adjustment
- Range 0÷10 ppm
- Max temperature 5÷60°C
- Flow rate 40÷50 l/h
- Temperature probe on request

Code	Description
CLC2	Amperometric Chlorine Cell PPM CLC2

Cleaning KIT for CLC2 Amperometric Cell

Solution for good maintenance of CLC2





MAINT-KIT

ATECPOOL suggest a simple solution for maintenance for the oxidation of platinum and copper electrodes, especially if in contact with substances which quickly deteriorate the electrodes thus interfering with measurements and optimal functioning. The operator, must simply let the peristaltic inject acid for 2/3 minutes (commercial HCL around 10% concentration) or at least a simple detergent. This until copper electrode is restored to natural colour.

Code	Description
MAINT-KIT	Cleaning Kit for CLC2 Cell

CLS2-1H Membrane ION Selective Sensor for measuring Free CL (PPM)

Membrane ion selective amperometric 3 electrodes system, integrated electronics for measuring Free Chlorine, compatible with Surfactants, Tensides, Isocyanuratic, Flocculants. CLO_2 is measured at 100%



CLS2-1H

Code	Description
CLS2-1H	Membrane ION Selective Sensor PPM CLS2-1H

	CLS2-1H
Description	
Indicator	Total Chlorine = free chlorine + combined chlorine
Measuring Method	Membrane ion selective amperometric 3 electrodes system, Integrated electronics
Suitable Chlorinating Agents	NaOCl (sodium hypochlorite); Ca (OCl)2 (calcium hypochlorite); chlorine gas; Electrolytically generated chlorine
Interference Parameters	ClO2 measured at 100% / O3 measured with slope approx.130%(factor 1,3 to Cl slope)
Range	0.005 ..... 2 ppm (mg/l) free chlorine
Resolution	0.001 ppm (mg/l)
Signal (nominal slope)	-1000 mV/ppm
Power supply	±5 to ±12,5 Vdc / 10 - 25 Vdc 25mA
Output signal	Analog voltage output 0 .. - 2000 mV/Output resistance 1 KΩ /NO galvanic isolation
Operating temperature:	> 5 ... < 45°C, automatic compensation by integrated resistor
pH range	pH 4÷pH 12 (low pH dependency, linear decrease approx.5% per unit increase pH)
Flow rate / Pressure	Approximately 30 l/h / 0,5 bar, no sudden pressure, impulses and/or fluctuations
Run-in time / Response	First start-up approx. 2 hours / T90 approx.2 min
Slope adjustment	Reference method DPD4 (DPD1+DPD3); Zero point calibration NOT necessary
Connection	4 poles screwable plug (NOT provided with cable, see cable for CLS sensors)
Material	Microporous hydrophilic membrane; PVC-U body, S.S 1.4571 electro polished
Dimensions	Diameter approx 25 mm / Length (analog sensor) approximately 175 mm

Automatic Chemical Regulation and Control
Accessories

EPH / ERX Electrodes for measuring pH and RX



EPH5 ERX5

pH / RX Sensor Electrode	EPH5 / ERX5
Description	
Applications	Swimming pools, Water treatment, Process industry, Laboratory
Characteristics	Maintenance free sensors for measuring pH and RX (ORP) value
Measuring Method	Combination electrode, Potential against reference electrolyte gel
Construction	Plastic shaft, 1 diaphragm, Maintenance free gel electrolyte
Reference system	Double junction reference
Storage	Recommended storage solution KCL3 (inquire for it)
Electrical connector	Head with fixed coaxial cable D/3 mm (length 1m or 5 m) + BNC
Remarks	Suitable for most pH and RX (ORP) controllers
Shaft length	120 mm

Code	EPH5	ERX5
Range	pH 0...14	- 1000... +1000 mV
Membrane / Diaphragm	Glass / membrane Resistance low / Ceramic	Platinum wire
Zero-Point / Sensitivity	0 ± 20mV/Sensitivity 57..59 mV pH at 25°C	-
Temperature/Isothermic	0...60 °C / Isothermic Point 0 +/- 50 mV	0...60 °C
Pressure	4 bar	4 bar

Electrode Module for pH and RX / Sensor Holders





ECELL1 ECELL3

Electrode and Sensor Holders

The electrode cell module is designed for hosting the following electrodes in use:

- pH and RX electrodes; Temperature sensors PT100; Dissolved Oxygen SENS OXY

Code	Description
ECELL1	Single Electrode Module for pH / RX
ECELL2	Two Electrode Module for pH and RX
ECELL3	Three Electrode Module for pH, RX and others

Membrane Ion Selective Sensors Module



CLS1

Membrane Ion Selective Sensor Holder

This module is a sensor holder designed for hosting the standard Membrane Ion Selective sensor in use.

- Free and Total Chlorine, Hydrogen Peroxide, Chlorine Dioxide and others

Code	Description
CLS1	Single Membrane Ion Selective Holder

Accessories with the dosing pumps



KIT1

KIT1 STD: Standard Accessories

Dosing Pumps up to 1÷20 l/h. Included with the pump:

- 1 Injection fitting 3/8" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid)
- 2+1,5m Suction Hose PVC (flexible)
- 1 Filter fitting PP / Foot Valve lip type FPM

Code	Description
KIT1	STD Accessories KIT1



KIT2

KIT2 STD: Standard Accessories

Dosing Pumps up to 30÷50÷80 l/h. Included with the pump:

- 1 Injection fitting 1/2" PP/ no-return valve FPM
- 2m Discharge hose PE (semi-rigid) 10 x 14mm
- 2 + 1,5m Suction Hose PVC (flexible) 10 x 14mm
- 1 Filter fitting PP / Foot Valve lip type FPM

Code	Description
KIT2	STD Accessories KIT2

Automatic Chemical Regulation and Control
Accessories

Electrodes Buffer Solutions



Code	Description
SOL PH4	Buffer Solution pH4, Bottle of 75ml
SOL PH7	Buffer Solution pH7, Bottle of 75ml
SOL PH9	Buffer Solution pH9, Bottle of 75ml
SOL RX468	Buffer Solution 468mV, Bottle of 75ml
SOL RX650	Buffer Solution 650mV, Bottle of 75ml

Chemical Tanks



Specifications

- High resistance for acids and other chemicals with polyethylene body
- Rivetless, monoblock structure
- UV stabilized, no effect from sunlight, no bacteria cultivation material and technology.

Code	Model	Body Ø
D-TANK100	Atecpool Chemical Tank for Dosing PE body 100 ltr	450
D-TANK200	Atecpool Chemical Tank for Dosing PE body 200 ltr	558
D-TANK500	Atecpool Chemical Tank for Dosing PE body 500 ltr	800
D-TANK1000	Atecpool Chemical Tank for Dosing PE body 1000 ltr	1050

Mixers for Dosing Tanks

Manual Mixer

Manual mixers for medium tanks up to 200 ltr, PVC shaft and propeller.



MIX-MAN60

Code	Shaft Length	Tank
	(mm)	(ltr)
MIX-MAN60	600	100-200
MIX-MAN90	900	500-1000

Electrical Mixer / Low Speed Mixer

Electrical slow mixers, 75/88/65/52 rpm. Gear driven. Fan and mixer shaft PVC material, shaft length 75/90 cm.

Shaft/Blade selection:

- Stainless Steel 304/316/316L
- Carbon Steel Lining Plastic/Rubber/PTFE/Enamel



MIX/FMV 3-6

Code	Shaft Length	Power Supply	Motor Power	RPM	Tank
	(mm)				(ltr)
MIX/FMV 3-6	750	380V - 3 phase - 50Hz	0,18kW	75	100-200
MIX/FMV 3-8	750	230V - 1 phase - 50Hz	0,18kW	88	100-200
MIX/FMV 3-12	900	380V - 3 phase - 50Hz	0,37kW	65	500-1000
MIX/FMV 3-16	900	230V - 1 phase - 50Hz	0,37kW	52	500-1000

UV Disinfection
Ultraviolet Solutions



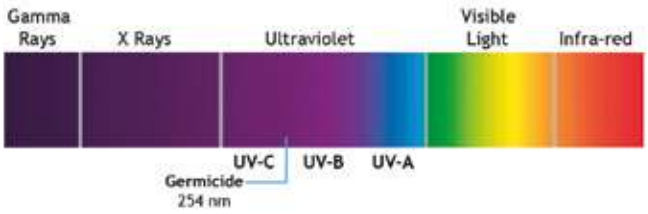
ATEC UV-40

For a cleaner, healthier pool environment

- Neutralise the micro-organisms that are not affected by chlorine and salt
- No unpleasant chlorine smell
- No more red eyes, dry skin or damaged hair
- Easier pool maintenance: simple and reliable
- Prolongs pool life – will not affect equipment and is compatible with all types of materials (pool liner, filters...)
- Environmentally friendly

The UV Concept

The sun emits invisible light called the ultraviolet light. Through leading edge technology, this natural phenomenon is reproduced inside the sanitizers of the ATECPOOL UV product range using powerful UV-C ray lamps. At 254 nanometers, the optimum wavelength for sterilizing micro-organisms (viruses, bacteria, algae, yeast, mold, etc.), UV-C rays penetrate and disrupt their DNA, permanently deactivating germ cell metabolism so they cannot reproduce.





MP Series Reactors

UV ranges have been **certified NSF 50 and Cryptosporidium evaluated**. **Testing measures for certification are required standard in order to deliver an optimal efficiency** level of microorganisms' reduction such as bacteria, viruses, Crypto, Giardia, etc. (which are not eliminated by chlorine and ozone at usual level).

Advantages of the MP Range

- The MP range delivers 60 mJ at the end of the lamps' life in order to guarantee optimum dechloramination.
- Treatment of high ow rates.
- Reactors made from micro-bitted and passivated 316L stainless steel, high resistance to the corrosion.
- Hydraulic «in line» inlet/outlet connections with nearly nonexistent pressure loss.
- High power medium pressure and multi wavelength lamps for reducing the number of lamps installed.
- High frequency electronic ballast.
- UV sensor with PLC for management of efficiency parameters (in option: remote management via a 4-20mA output) providing a continuous measurement of the UV-C radiance intensity and a control of all operation and maintenance parameters.
- Temperature sensor within the electrical box and the reactor (in option), flow sensor.
- Lamp life: 9,000 to 12,000 hours.
- Power regulation: the medium pressure is the only technology which acts on the 3 chloramines (mono-, di- and trichloramines) and which avoids risks of THM's increases.
- MP TS Range: Touch Screen.
- Inlet/Outlet connection as per selection of UV dose.

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*	UV dose at actual flow rates	Max Flow Rate*	UV dose at actual flow rates	UV Lamp: Number Power consumption	Length of reactor
Feature	(m³/h)	(mJ/cm²)	(m³/h)	(mJ/cm²)		(mm)
MPL 140	280	30	140	60	1 x 1.8 kW	600
MPL 220	440	30	220	60	1 x 3 kW	600
MPL 300	600	30	300	60	1 x 3 kW	600
MPL 500	1000	30	500	60	1 x 5 kW	800
MP 100 TS	160	30	80	60	1 x 1 kW	1175
MP 125 TS	280	30	140	60	1 x 3 kW	1152
MP 140 TS	600	30	300	60	1 x 3 kW	1244
MP 240 TS	900	30	450	60	2 x 3 kW	1020
MP 340 TS	1350	30	675	60	3 x 3 kW	725
MP 440 TS	1800	30	900	60	4 x 3 kW	824

* Contact us for other flow rates

** The performance of these devices have been calculated at the end of the lamp life and with a transmission of 98%

UV Disinfection
Ultraviolet Solutions



ATEC Neo 12

Effective Dose

The reactors in the ATECPOOL UV ranges are dimensioned according to the pump flow rate, as it is the combination of the contact time in the reactor and the power of the lamp(s) that will ensure that the necessary dose (expressed in millijoules per square centimeter or mJ/cm^2) sufficient to kill 99.9% of the micro-organisms (bacteria, viruses, algae, etc.).

ATEC Neo 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
- PVC reactors
- Ballast: electronic
- Pressure gauge: yes
- Indoor / outdoor installation: yes
- Plumbing options: D 75
- Pressure 3 Bar

Neo Series Specification								
	Max Flow Rate	UV dose at flow rates	Max Flow Rate	UV dose at flow rates	UV Lamp	Height of reactor	Diameter of Reactor	Connection
Feature	(m³/h)	(mJ/cm²)	(m³/h)	(mJ/cm²)	(W)	(mm)	(mm)	
Atec Neo 12	12	30	6	60	1 x 55	773	212	D 75
Atec Neo 18	18	30	9	60	1 x 87	1019	212	D 75
Atec Neo 25	25	30	12.5	60	1 x 105	1273	212	D 75



ATEC UV-40

ATEC UV & HO Series Stainless Steel Reactor - Specifications

- Specially adapted reactors made from mirror-polished 316L stainless steel, optimized with UV-C lamps using state of the art technology with high-intensity (HO) performance.
- Very long lamp service life (up to 13.000 hr)
- Dedicated electronic ballast guaranteeing maximum lamp UV efficiency and integrated control
- Single-base lamps and patented sealing system for an easy maintenance
- Lamp operating indicator light for each lamp
- Insignificant pressure loss
- Inlet / outlet connections using unions supplied
- Power supply: 120/240V / 50 - 60Hz
- Maximum operating pressure: 3 bar
- Inlet/outlet connection as per selection of UV dose

UV & HO Stainless Steel Reactors Specification							
	Max Flow Rate	UV dose at flow rate	Max Flow Rate	UV dose at actual flow rates	UV Lamp	Height of Reactor	Diameter of Reactor
Feature	(m³/h)	(mJ/cm²)	(m³/h)	(mJ/cm²)	(W)	(mm)	(mm)
ATEC UV-10	7	30	3.5	60	1 x 33	426	150
ATEC UV-20	12	30	6	60	1 x 55	696	150
ATEC UV-30	20	30	10	60	1 x 87	942	150
ATEC UV-40	25	30	12.5	60	1 x 105	1196	150
UV-3000 HO-N	33	30	16.5	60	3 x 87	1004.6	150
UV-3205 HO-N	45	30	22.5	60	3 x 87	1040	205
UV-4205 HO-N	65	30	32.5	60	4 x 87	1040	205
UV-5205 HO-N	85	30	42.5	60	5 x 87	1040	205
UV-6205 HO-N	95	30	47.5	60	6 x 87	1040	205
UV-6273 HO-N	130	30	65	60	6 x 87	1040	273

Note: The performance of these devices have been calculated at the end of the lamp's life and with a transmission of 98%.
Contact our professional team for other flow rates.

UV Disinfection
Ultraviolet Solutions



ATEC E-5

Standard UV Disinfection - 316L stainless steel housing

Atec E-Series UV System disinfection in a very compact design, with easily replaceable lamps that are with single base. Suitable for residential pools, fish ponds, residential drinking water treatment. The UV lamp provides a UV dose of 30 mj/cm^2, which is sufficient disinfection and protection against 99.9% chlorine resistant micro-organisms.

ATEC E-Series UV Sterilizers Specifications

- Reduces the chlorine consumption up to 50%.
- 316L Stainless Steel housing with mirror polished interior that increases the UV-C radiation reflection, thereby increasing the efficiency by up to 35%.
- Optional timer to control the running operation hours.
- Single-base lamps and patented sealing system for an easy maintenance.
- Inlet / outlet connections using unions supplied.
- Lamp service life (up to 9.000 hr)
- Power supply: 120 / 240V / 50 - 60Hz

	E Series Specification							
	Max Flow Rate	UV dose at actual flow rates	Max Flow Rate	UV dose at actual flow rates	Pressure	UV Lamp	Max Current	Inlet/Outlet diameter PVC Union
Feature	**(m³/h)**	**(mJ/cm²)**	**(m³/h)**	**(mJ/cm²)**	**Bar**	**(W)**	**(A)**	**(inch)**
ATEC E-5	7	30	3.5	60	3	16W	0.29	1.5"
ATEC E-15	20	30	10	60	3	40W	0.29	2"
ATEC E-20	25	30	12.5	60	3	75W	0.29	2"



ATEC E-40

Standard UV Disinfection - 316L stainless steel housing with flow switch

Atec E-Series UV System disinfection in a very compact design, with easily replaceable lamps that are with single base. The amalgam version includes a flow switch that will cut-off the lamp power to protect the system from over heating when the water flow is lower than required.

ATEC E-Series UV Sterilizers Specifications

- Equipped with flow switch
- Inlet / outlet connections using unions supplied
- Lamp service life (up to 9.000 hr)
- Power supply: 120 / 240V / 50 - 60Hz

	E Series Specification					
	Max Flow Rate	UV dose at actual flow rates	Pressure	UV Lamp	Max Current	Inlet/Outlet diameter PVC Union
Feature	**(m³/h)**	**(mJ/cm²)**	**Bar**	**(W)**	**(A)**	**(inch)**
ATEC E-40	30	30	3	130W	1.1	2"



ATEC UV - C Ozone

UV - C Ozone Disinfection - 316L stainless steel housing

Atec UV - C Ozone combines the ozone and UV - C state of art technology for disinfection. Water pumped into the unit through reactor and air sucked through venturi system into the unit via air injector and flows through quartz glass and ozone UV - C lamp. Air enters the lamp and loaded with ozone particles then pass through ball valve and mixed with water inside reactor, thereby giving UV - C Ozone disinfection to water bodies.

	E Series Specification					
	Max Flow Rate	UV dose at actual flow rates	Pressure	UV Lamp	Max Current	Inlet/Outlet diameter PVC Union
Feature	**(m³/h)**	**(mJ/cm²)**	**Bar**	**(W)**	**(A)**	**(inch)**
ATEC UV - C Ozone	25	90-100	3	87W	1.1	2"

UV Disinfection
Ultraviolet Solutions



HDPE UV - Low pressure reactors

The high quality HDPE reactors of HDPE series have been designed to treat highly corrosive water. Besides that, HDPE is resistant to aggressive UV radiation. They are suited for all kinds of disinfection and UV-C treatment applications for swimming pools and can even be used for the production of ultrapure water, semiconductor, pharmaceutical and cosmetic industry.



Aquaculture - Protection against fish diseases

Pathogens are the scourge of fish farmers and are often controlled with antibiotics. This has a negative impact on the water quality and thus also on the quality of the fish. UV-C radiation is safe and protects against fish diseases.

Atecpool UV-C systems are therefore very cost-effective for the inactivation of many types of bacteria, viruses and parasite and provide healthy, clear and safe water that protects against infectious fish diseases. This results in a pure, untainted product: better and healthier fish, without residual medications. In addition, Atecpool UV-C systems are suited to combat bacteriological and microbiological hazards and bring water to the quality level the sector is required to meet.



Specifications

- UV radiation resistant
- Suitable for corrosive water
- Fish Hatcheries
- Intake/discharge water
- Aquarium
- Processing plants
- Zoos
- Inlet/outlet connection as per selection of UV dose





HDPE Reactors Specification

Code	Max Flow Rate (m³/h)	UV dose at actual flow rates (mJ/cm²)	Max Flow Rate (m³/h)	UV dose at actual flow rates (mJ/cm²)	UV Lamp	Max. Pressure (bar)	Power (kW)
75-110	10	30	5.4	60	1x75W	6	0,08
140-110	17	30	8.7	60	1x140W	6	0,16
200-110	23	30	12.1	60	1x200W	6	0,23
200-160	35	30	17.8	60	1x200W	6	0,23
400-200	83	30	42.1	60	2x200W	6	0,45
600-225	124	30	62.2	60	3x200W	6	0,68
975-315	278	30	139	60	3x325W	4	1,11
1950-315	544	30	276	60	6x325W	4	2,21

UV irradiation can destroy residual ozone in the water instantly, by breaking one of the oxygen bonds in the ozone molecule. A final method for using UV is with Advanced Oxidation Process (AO P); Using AO P in aquaculture reduces micropollutants like geosmin and MIB which cause off flavour in the fat tissue of the fish. Through the combination with an oxidant such as hydrogen peroxide or ozone, hydroxyl radicals are formed. Hydroxyl radicals are the strongest oxidant that can be applied in water environments.

HDPE Control Units



Control Monitor Plus

The Control Monitor Plus is a complete controller and multilingual. A UV sensor, temperature sensor and a flowswitch can be connected. The control unit has alarm and warning functions built-in.



Control Monitor

The Control Monitor has a colour display and an optional UV sensor can be connected for monitoring the treatment process.



Control Timer

The Control Timer has a LED display for showing the operational lamp hours. The maximum number of burning hours are displayed when the system is started. After this the display counts down to 0, at which time the lamp must be replaced.

Atecpool Pure-Water
Copper-Silver Ionization



Multi-cell Integrated System



Single / Double Cell Ionization

Copper-Silver Ionization - Chlorine Free Solution

Ionization method of using copper and silver metals for water disinfection has been applied in highly modern water treatment products. The ionisation process uses positively charged copper and silver ions that form electrostatic bonds with negatively charged cells of micro-organisms, effectively killing them.

Copper ions provide a long lasting and effective protection against bacteria, algae and most viruses while Silver is the world's most powerful antibacterial agent. An immune booster, treats psoriasis, eczema, heals wounds quickly and safely.

Specifications

- Digital diplay with programmable micro control.
- Output Voltage VDC/A:24/12, 48/15.
- Reverse polarity cell.
- Clear pvc single/double cell
- SS316 vessel stadard approch for efficient ionization.
- All standard products supplied with Cu/Ag 90/10 alloy.
- Low chlorine residual necessary of 0.5ppm - superior disinfection.

Key Features

- Voltage setting and current.
- Polarity cycle length.
- Dry contact.
- External control.
- Interface with other computer or BMS-optional.
- Alloy material ratios are supplied in CU/Ag 90/10.

Copper-Silver Ionization Specification

Code	Pool Volume	Power Supply	Current / Frequency	Pressure	Copper Dosage	Silver Dosage	Flow	Connection
	m^3	V AC / Phase	Amps / Hz	Bar	ppm	ppb	m^3/h	In/Out
Pure-Water 80	80	220-240 / Single	2.5 / 50-60	4	0.5	50	20	63mm
Pure-Water 120	120	220-240 / Single	5 / 50-60	4	0.5	50	30	63mm
Pure-Water 180	180	220-240 / Single	9 / 50-60	4	0.5	50	45	63mm
Pure-Water 240	240	220-240 / Single	12 / 50-60	4	0.5	50	60	63mm
Pure-Water 500	500	220-240 / Single	20 / 50-60	4	0.5	50	120	90mm



Copper-Silver Ionization - Chlorine Free Solution with UV

In combination with UV sterillizer, ionization method of using copper and silver metals for water disinfection has been applied for achieving best water treatment results. UV light has high power intensity which allows for high disinfection level against 99.99% of bacteria. Hence, when it is combined as complete solution with Cu/Ag, it enhances the disinfection level. UV is safe, no chemical and easy to maintain. Low chlorine residual necessary of 0.5ppm - superior disinfection.

Copper-Silver Ionization with UV Specification

Code	Pool Volume	Power Supply	Current / Frequency	Pressure	UV Sterillizer	Copper Dosage	Silver Dosage	Flow	Connection
	m^3	V AC / Phase	Amps / Hz	Bar	Model	ppm	ppb	m^3/h	In/Out
Pure-WaterUV 80	80	220-240 / Single	2.5 / 50-60	4	ATEC UV-30	0.5	50	20	63mm
Pure-WaterUV 120	120	220-240 / Single	5 / 50-60	4	UV-3000 HO-N	0.5	50	30	63mm
Pure-WaterUV 180	180	220-240 / Single	9 / 50-60	4	UV-3205 HO-N	0.5	50	45	63mm
Pure-WaterUV 240	240	220-240 / Single	12 / 50-60	4	UV-4205 HO-N	0.5	50	60	63mm
Pure-WaterUV 500	500	220-240 / Single	20 / 50-60	4	UV-6273 HO-N	0.5	50	120	90mm

UV system Is supplied separate and can be installed online before or after the ionization unit after filtration

Atecpool Pzone Lite
Ozone Generator

Atecpool Pzone Lite Ozone Generators

Pzone Lite 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 Pzone Lite 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 high water clarity and minimum chemical usage.



Ozone Generator


Vaccum Trigger Box


Injector Manifold

Specifications

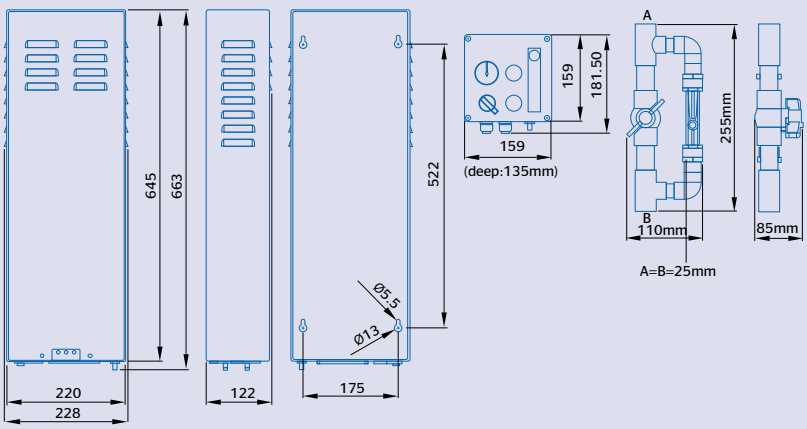
- Universal model – stock one unit for all residential in-ground pools
- upto 95,000 gal
- Venturi Manifold Equipped
- Vacuum Trigger Box Equipped
- 120/240 VAC, 50/60 hz)
- Operating Temperature: -25º F. to +140º F.

Atecpool Pzone Lite Ozone Generators

Code	Pzone Lite 1	Pzone Lite 1.5	Pzone Lite 2	Pzone Lite 4
Ozone output	1 g/hr	1.5 g/hr	2 g/hr	4 g/hr
Matched Pool Volume *	Up to 90 m³	Up to 135 m³	Up to 180 m³	Upto 360 m³
Equipped Generator QTY.	One	One	One	Two
Venturi Manifold Connection Size	Inlet & Outlet: 2.0"/ 50 mm	Inlet & Outlet: 2.0"/ 50 mm	Inlet & Outlet: 2.0"/ 50 mm	Inlet & Outlet: 2.0"/ 50 mm
Power Requirement (Single Phase)	120/240V 50/60Hz -85W	120/240V 50/60Hz -105W	120/240V 50/60Hz -130W	120/240V 50/60Hz -260W
Optional Water Boost Pump Requirement	2 m³/h @ 30 m Head	2 m³/h @ 30 m Head	2 m³/h @ 30 m Head	2 m³/h @ 30 m Head
Weight Net/Gross	13/18 kg	13/18 kg	13/18 kg	22/32 kg

* For indoor hotel pool with middle bather load & chlorine as secondary sanitizer only.

Dimensions



Atecpool Pzone Max
Ozone Generators

Atecpool Pzone Max Ozone Generators

Pzone Max includes CD type ozone generator with oxygen module. The whole system comprises of ozone On/Off control, 4-20 ma Ozone Control & ozone safe interlock, external oil-less compressor, water back flow prevention device and venturi injector manifold. The ozone contacting vessel, degas valve and ORP controller are optional. Pzone Max produce ozone at 10g/hr & 20g/hr. Optional Degassing Column to remove air and/or excess ozone from system.



Ozone Generator



Injector Manifold

Specifications

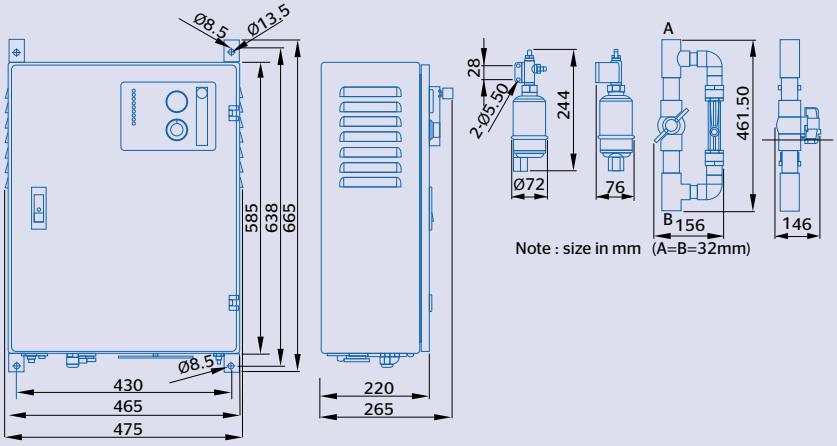
- upto 238,000 gal
- Venturi Injector Manifold
- Auto Drain Tube
- 120VAC to 240 VAC, 50/60 hz
- Corona Discharge (CD)
- Integrated O2 Module
- External Oil-less Compressor
- Operating Temperature: -25º F. to +140º F.

Atecpool Pzone Max Ozone Generators

Code	Pzone Max10	Pzone Max20
Ozone output	10 g/hr	20 g/hr
Matched Pool Volume *	Up to 450 m³	Upto 900 m³
Equipped Compressor QTY. (Flow @ Pressure)	One (60 LPM @ 2 bar)	One (60 LPM @ 2 bar)
Venturi Injector Manifold Size	Inlet & Outlet: 1.5"/ 50 mm	Inlet & Outlet: 1.5"/ 50 mm
Power Requirement (Single Phase)	120/240V 50/60Hz - 450 W	120/240V 50/60Hz - 550 W
Optional Water Boost Pump Requirement	2 m³/h @ 30 m Head	2 m³/h @ 30 m Head
ORP Controlled	optional	optional
Weight Net/Gross	24/30 kg	28/34 kg
External Oil-Less Compressor Weight Net/Gross	11.5/13.5 kg	11.5/13.5 kg
Packing	1	1

***** For indoor hotel pool with middle bather load & chlorine as secondary sanitizer only.

Dimensions



Accu-Tab System
Tablet Chlorination



16210100

Accu-Tab 100

The Accu-Tab®100 chlorinator combines with the proprietary 31/8" Accu-Tab Blue SI calcium hypochlorite tablets to deliver predictable rates of chlorine for a variety of HMAC pool water applications.

Specifications

- 30 pound tablet storage capacity
- For spas (with chemical controllers) 500 gal and larger
- For Indoor pools up to 80.000 gal
- For pools (with chemical controller) up to 60.000 gal
- NSF 50 certified at 19.2 pounds of available chlorine per day

Accu-Tab 100 Series Specification

Code	Dimension	Inlet Connection	Outlet Connection
16210100	Ø14" x 25"H	3/4" Socket	3/4" Socket



16211030

Power Base 1030

The Accu-Tab® system combines the patented erosion feeder technology of the PowerBase 1030 chlorinator with proprietary 31/8 -inch Accu-Tab Blue SI calcium hypochlorite tablets to deliver predictable rates of chlorine for commercial water applications.

Specifications

- 30 pound tablet storage capacity
- For indoor pools up to 360.000 gal
- For outdoor un-stabilized pool up to 60.000 gal
- For outdoor stabilized pools up to 140.000 gal
- NSF 50 certified delivery - upto 2.8 lbs/hr chlorine

Power Base 1030 Series Specification

Code	Dimension	Inlet Connection	Outlet Connection	Electrical requirements
16211030	22"W x 27"L x 35"H	1" Socket	1" Socket	230V 20 amp circuit



16213070

Power Base 3070

The 3070 model has few moving parts and no small openings that can clog; freeing operators from frequent, time consuming maintenance. In most cases, once a year cleaning is all that is required.

Specifications

- 70 pound tablet storage capacity
- For indoor pools up to 1.120.000 gal
- For outdoor un-stabilized pool up to 220.000 gal
- For outdoor stabilized pools up to 400.000 gal
- NSF 50 certified delivery - upto 10.2 lbs/hr chlorine

Power Base 3070 Series Specification

Code	Dimension	Inlet Connection	Outlet Connection	Electrical requirements
16213070	22"W x 34"L x 52"H	1 1/2" Socket	1 1/2" Socket	230V 15 amp circuit



16213500

Power Base 3500

The 3500 model has few moving parts and no small openings that can clog; freeing operators from frequent, time consuming maintenance. In most cases, once a year cleaning is all that is required.

Specifications

- 500 pound tablet storage capacity
- For indoor pools up to 4.800.000 gal
- For outdoor un-stabilized pool up to 80.000 gal
- For outdoor stabilized pools up to 1.400.000 gal
- NSF 50 certified delivery - upto 36.4 lbs/hr chlorine

Power Base 3500 Series Specification

Code	Dimension	Inlet Connection	Outlet Connection	Electrical requirements
16213500	31"W x 63"L x 52"H	2" Socket	2" Socket	230V 30 amp circuit

Accu-Tab System
Calcium Hypochlorite Tablets

Accu-Tab Calcium Hypochlorite Tablet SI

Accu-Tab® three-inch calcium hypochlorite (Cal-Hypo) tablets are able to erode reliably, consistently and predictably because they undergo a multi-step manufacturing and quality control process so they will not soften and clog the system—a common problem with knock-off three-inch tablets and briquettes. The tablets are packed in 6 ½ gallon plastic pails containing 25 kgs by weight.



03400012

Accu-Tab Blue SI Tablets - Specifications

- Chemical Name: Calcium Hypochlorite
- Chemical Formula: Ca(OCl)2
- Dimensions: 31/8" diameter x 15/16" tall
- Weight: 325 grams, nominal
- Color: Blue
- Chemical Assay of Cal-Hypo: Active Ingredient, Calcium Hypochlorite, % 68 nom. Other Ingredients, % 32. Minimal Available Chlorine, % 65
- NSF Certification: The tablet and chlorinator shall be NSF Standard 50 listed as a combination only. Other combinations shall not be acceptable



03400013

Accu-Tab White SI Tablets - Specifications

- NSF 61 listed for drinking water
- Chemical Name: Calcium Hypochlorite
- Chemical Formula: Ca(OCl)2
- Dimensions: 31/8" diameter x 15/16" tall
- Weight: 325 grams, nominal
- Color: White
- Chemical Assay of Cal-Hypo: Active Ingredient, Calcium Hypochlorite, %68 nom. Other Ingredients, %32. Minimal Available Chlorine, %65
- NSF Certification: The tablet and chlorinator shall be NSF Standard 50 listed as a combination only. Other combinations shall not be acceptable

Code	Description	Standard Packing	Weight
			(Kg)
03400012	ACCU-TAB Blue SI 25Kg	1 pallet (24 pails)	600
03400013	ACCU-TAB White SI 25Kg	1 pallet (24 pails)	600

In-line Chlorine / Bromine Feeder





In-line Chlorine / Bromine Feeder

Chlorine Feeder manufactured from unalterable ABS plastic material. Fixed with double safety system cover with built-in manual air relief valve. Easy to use adjustment regulation valve and drain plug. Has mounting fixture for safe operation and correct installation. Comes with 1½", 2" inlet and outlet threaded connection. Flow direction indicator on housing for correct installation.

In-line Chlorine / Bromine Feeder Specifications									
	Capacity	Max. Output	Max. Working Pressure	Connection	Total Height	Base Diameter	Std. Weight	Pkg. Unit	Pkg. Volume
Feature					(mm)	(mm)	(kg)		(m^3)
00505678	4.21 LBS / 2kg	16 LBS/Hr.	3.44 bar	1.5" IN/OUT Threaded	200	140	1.2	1	0.013
00505679	9 LBS / 4.08kg	32 LBS/Hr.	3.44 bar	1.5" IN/OUT Threaded	360	180	1.9	1	0.019

Off-line Chlorine / Bromine Feeder



Off-line Chlorine / Bromine Feeder

ABS body, 4 kg tablet capacity. Dosage adjustment on the device. Off-line model can be installed in the pool circulation line with an easy by-pass.

Off-line Chlorine / Bromine Feeder Specifications									
	Capacity	Max. Output	Max. Working Pressure	Connection	Total Height	Base Diameter	Std. Weight	Pkg. Unit	Pkg. Volume
Feature					(mm)	(mm)	(kg)		(m^3)
00505679-1	9 LBS / 4.08kg	32 LBS/Hr.	3.44 bar	1.5" IN/OUT Threaded	360	180	1.9	1	0.019

ACO / APF / NOPHOS
Catalytic Agents for Water Quality

ACO - Active Catalytic Oxidizer

ACO is an Active Catalytic Oxidizer that works by using the energy of the sun or UV light to catalyze the formation of free radicals to disinfect pool water. The radicals work just like chlorine to remove pollutants but they do not form combined chlorine.

ACO is not consumed in the process; it just makes what naturally happens much more efficient. ACO also protects chlorine from photolysis by sunlight and makes it last three times longer in outdoor pools. ACO does the same as cyanuric acid, but instead of reducing oxidation capacity, ACO amplifies the disinfection of water.



ACO Specifications

- Eco-Friendly Water Treatment - For outdoor swimming pools, ACO in combination with sunlight helps to disinfect the water. ACO is an oxidation enhancer and chlorine stabilizer.
- A Healthy Bathing Experience - When using UV irradiation, the production of toxic disinfection by-products such as chloroform and cyanogen chloride are reduced.
- High Efficiency - ACO extends the half-life of chlorine and peroxide by over 300 %, giving you substantial chemical savings.

Code	Standard Packing	Volume
		(ltr)
20022	1	5
20021	1	20

APF - All Poly Floc

APF is a multi-spectrum coagulant and flocculent that can remove pollutants from solution and flocculate fine suspended solids, such as skin cells and bacteria, into large particles that are easily removed by AFM® (Activated Filter Media).

No single flocculent or coagulant can remove everything from the water. APF is a precise combination of 10 different electrolytes and polyelectrolytes to cover the widest possible range. Dissolved constituents of water make up 80% of the oxidation demand and suspended solids around 20%. Everything that is filtered out does not need to be oxidized. When the correct flocculation is used in combination with AFM, chlorine consumption and the production of unwanted chlorine by-products are reduced by up to 80%.



APF Specifications

- For a safe and healthy pool experience - APF is required to remove bacteria, and parasites such as Cryptosporidium and Giardia.
- Economic and environmental - Improved filtration reduces chlorine demand by up to 80%. It also means there will be fewer disinfection by-products formed. Operating costs will be lower and there will be less of an impact on the environment.
- For chlorine-free swimming in private pools - APF is important for chlorine-free water treatment of private swimming pools in combination with AFM® filtration

Code	Standard Packing	Volume
		(ltr)
20011	1	20

NOPHOS - No Phosphate Biological Solution Against Algae - for fish ponds

NoPhos removes phosphates that enter the pool from water supply, bathers and from debris blown into the pool. Phosphate is a fertilizer and if completely removed, algae and bacteria slowly starve and are eliminated over a period of about six weeks. NoPhos is a natural product that can be safely used in public and private swimming pools, as well as in natural pools, ponds and aquarium. NoPhos is a charged ion which reacts with phosphate to form an insoluble precipitate that is removed by AFM®, or it forms an inert deposit on the floor of the pool that is easily removed.



NOPHOS Specifications

- Eliminates phosphates - Prevents algae and bacteria growth
- Is a natural product - NoPhos can be used in swimming pools and fish ponds
- Makes crystal clear water.

Code	Standard Packing	Volume
		(ltr)
20001	1	5
20002	1	20

PoolLab Pool Tester
Smart Photometer

Atecpool PoolLab 2.0 Pool Tester with App, Bluetooth and Wi-Fi connection

The fixed but interchangeable 3-cavity cover allows quick sampling by simply immersing the IP68 waterproof PoolLAB 2.0 in water. It has 9 keys giving direct access to ZERO operation (only one per measurement series is required) and to the 24 different pool water parameters.



Easy Touch
Easy Run

Wi-fi Integrated



PoolLab Pool Tester - Specifications

- Photometer PoolLAB 2.0
- Measurement of 24 parameters:
  - chlorine (free, combined and total)
  - pH
  - alkalinity
  - cyanuric acid
  - etc...
- Interchangeable cuvette
- 4 wavelengths
- 3 measuring chambers (parallel measurement)
- Bluetooth and WiFi
- IP68 protection
- Easy to use
- Powerful App and software
- Large colour display

Code	Description
LAB310	PoolLab Digital Test Kit

PoolLab Pool Tester - Measurement of parameters

PoolLab Tester offers the following pre-installed parameters:

- Cyanuric acid
- Alkalinity
- Aluminium *
- Ammonium *
- Bromine *
- Chlorine (free, combined and total)
- Chloramine
- Copper *
- Chlorine dioxide *
- Calcium hardness *
- Total hardness *
- Phosphate *
- Iron *
- Active Oxygen *
- Nitrate * - Oxygen nitrate * - Oxygen nitrate * - Chlorine (free, combined, and total) Nitrate *
- Ozone *
- Hydrogen Peroxide *
- pH
- pHMB *
- Potassium *
- QACs *
- Sulphate *
- Urea *
- Zinc * - Urea * - Zinc * - Zinc * - Zinc * - Zinc * - Zinc * - Zinc * - Zinc * - Zinc

*Requires reagents not included with the photometer.



HI989



HI912

Code	Description
HI989	Salinity-Temperature Portable Tester
HI912	pH-Temperature Portable Tester

Code	HI989	HI912
Range	0.00 - 20.00 mS/cm / 0.00 - 10.00 ppt	0.00 - 14.00 pH
	Temperature 0.0 - 60.0 °C	
Precision	0.01 mS/cm / 0.01 ppt	0.01 pH
	Temperature 0.1 °C	
Calibration	versus calibration solution 12 .88 mS /cm @25 °C	One (60 LPM @ 2 bar)
Operation temperature	0 - 60°C	
Temperature compensation	2% / °C	SI
Battery	4 X 1.4V / type A76, LR44, V13GA > 100 hours	

Pool Tester
Test blocks

Pool Tester & Mini-tester

All Pool tester and Mini-Tester reagents are entirely developed and produced in Germany and blistered in push-through aluminium blisters providing long shelf life of 5 to 10 years as well as easy handling.

Our reagents were the first reagent tablets manufacturer introducing the tablet push-through-blister and got awarded for it some years ago.



Pool Tester Specifications

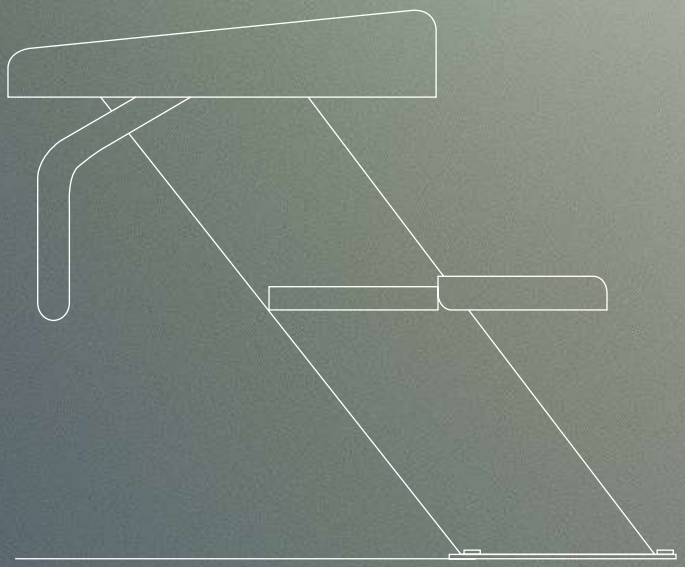
- Classic way of how to reliably test your pool and spa water.
- All our pool testers have a white background. By that, reading the result is easy and won't be disturbed by background colors.
- Chambers behind the color charts can be filled with water as well, to automatically adjust the scale colors, in case the water to be tested is pre-colored.
- Pool testers work with German made, rapid dissolving reagents.

		Code	Description	Measurement ranges
Pool Tester		PT100	Pooltester **pH** and **chlorine/bromine**. 8 pH scale values,16 Chlorine/Bromine scale values. Tablets for 30 tests (each).	pH 6.8 - 8.2 Cl (f/c) 0.1 - 6.0 Br 0.22 - 13.2
		PT500	Pooltester **pH**, **chlorine/bromine** and **alkalinity**. Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 Cl (f/c) 0.1 - 6.0 Br 0.22 - 13.2 Alk 0 - 250
		PT200	Pooltester **pH** and **active oxygen (MPS)**. Each 8 scale values. Tablets for 30 tests (each).	pH 6.8 - 8.2 MPS 0 - 15
		PT300	Pooltester **pH**, **Hydrogen Peroxide** (H_2O_2) and **PHMB** (Biguanide). 2 2 Each 8 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 PHMB 10 - 100 H_2O_2 5 - 50
		PT400	Pooltester **pH** and (free) **Copper/ Zinc** values (differential process). Each 8 Scale values, Incl. stirring rod to crush the tablets. Tablets for 20 tests (each).	pH 6.8 - 8.2 Cu 0.0 - 1.0 Cu/Zn 0.0 - 1.0
MiniTester		PTM100	Mini-Tester for the measurement of **pH** and **Chlorine** / **Bromine** values. Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.0 Cl (f/c) 0.5 - 5.0 Br 1.1 - 11.0
		PTM200	Mini-Tester **pH** and **Active Oxygen** (MPS). Each 6 scale values. Tablets for 20 tests (each)	pH 6.8 - 8.2 O_2 1.5 - 15.0
		PTM900	Mini-Tester **pH** and **Chlorine Dioxide**. Each 6 scale values. Tablets for 20 tests (each).	pH 6.8 - 8.2 Chlor. Diox. 1.0 - 9.5

All reagent tablets are available in pack sizes of 50 / 100 / 250 / 500 tablets as well as mixed packs, matching the original quantity of tablets per tester as shown in the table under "content".

ATECPOOL

COMPETITION EQUIPMENT



ATECPOOL INTERNATIONAL GROUP

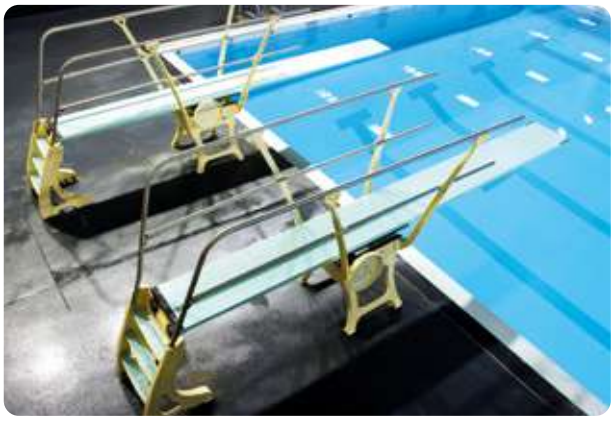


Inspired by Water

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.

Fina APPROVED

Powered by

DURAFLEX
Making boards that make champions

Duraflex
Aluminium Springboards

Aluminium Springboards

Duraflex aluminium springboards are a one piece ribbed extrusion of heat-treated, aircraft grade aluminium alloy. A torsional stabilizer is attached to the bottom. The boards are coated with a slip-resistant surface. The underside of the board is protected from direct contact with our fulcrum by rubber channels attached to the ribs.



16' MAXIFLEX - MODEL B Springboard

The 16' Maxiflex model B (also called Maxi-B) is the diving board that is used in all major competitive diving events in the world. The Maxi-B is the diving board for facilities that have any competitive diving events.

The 16' Maxi-B is tapered from the fulcrum area to the diving tip, and it is tapered from the fulcrum area to the anchor end. The double-taper allows the whole board to arc while flexing, giving it much more lift than the 16' Duraflex. What distinguishes the Maxi-B from other models is that the board has 189 slots at the tip end.



Code	Description	Length	Weight
		(ft)	(lbs)
66-231-330	Maxiflex Model B Springboard	16'	145

Warning: The pool where these boards will be installed must have diving-well dimensions conforming to FINA, USA Diving, or NCAA minimum dimensions.

16' DURAFLEX Springboard

The 16' Duraflex is used for recreational diving in commercial pools that conform to USA Diving, FINA or NCAA minimum dimensions. They are tapered from the fulcrum area to the diving tip.





Code	Description	Length	Weight
		(ft)	(lbs)
66-231-326	Duraflex 16' Springboard	16'	145

14' DURAFLEX

The 14' Duraflex is used for recreational diving in commercial pools that conform to USA Diving, FINA or NCAA minimum dimensions. They are tapered from the fulcrum area to the diving tip.

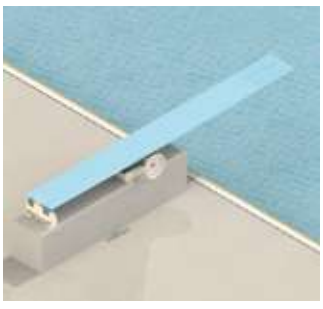




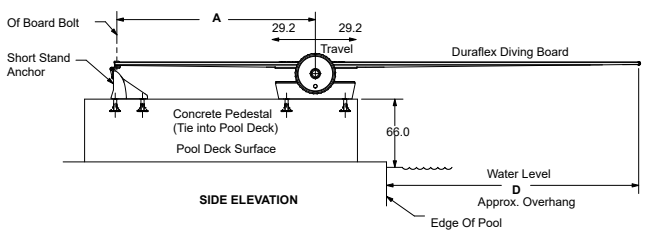
Code	Description	Length	Weight
		(ft)	(lbs)
66-231-324	Duraflex 14' Springboard	14'	140

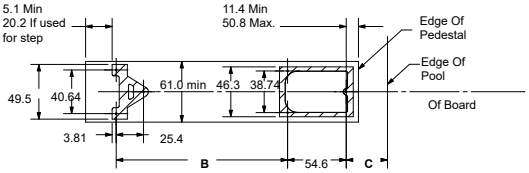
Short Stands

The Duraflex short stand is designed to provide a firm foundation for mounting Duraflex aluminium springboards. The Duraflex short stands are designed to mount on your concrete pedestal or platform. The stand consists of a short stand anchor and a fulcrum assembly. The Duraflex #520 stand also include double stainless steel handrails on both sides. Drawings and CAD blocks are available upon request.









Code	Description	Weight
		(lbs)
70-231-520	Short Stand with double handrails	335
70-231-524	Short Stand without handrails	125

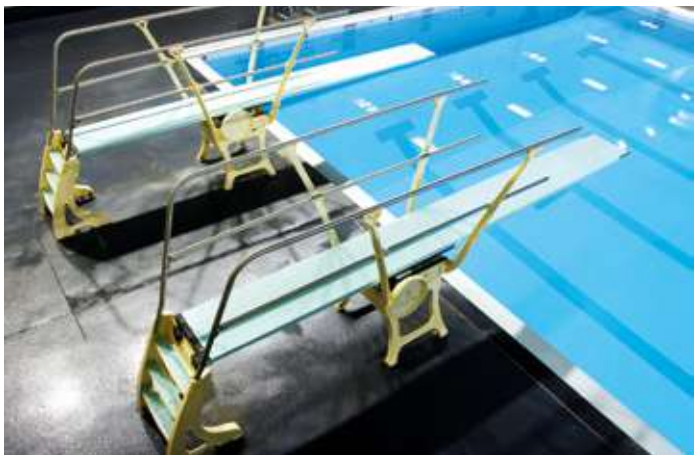
Duraflex
1 and 3 Meter Stands

1 Meter Stand

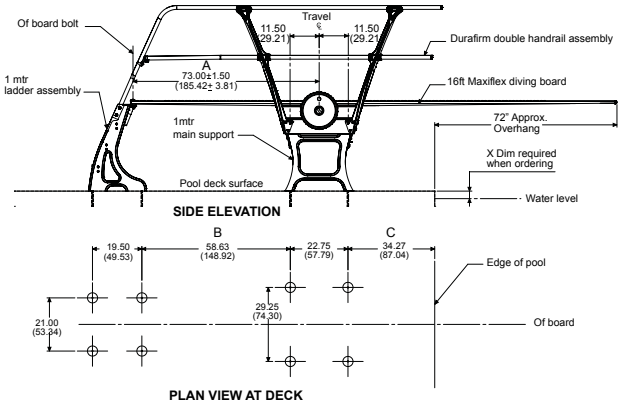
1 Meter Duraflex stand is designed to provide a firm foundation for mounting Duraflex aluminium springboards. The Duraflex stand is the result of design focused on stability, low noise level and ease of installation.

Duraflex stands have double stainless-steel handrails on both sides. The 1-meter structures are manufactured in five different heights to accommodate various deck to water levels. The deck to water dimension of the pool, deck slope and diving board model must be indicated when ordering. This information is used to determine the correct stand height for your facility. Drawings and CAD files can then be provided.





Code	Description	Weight
		(lbs)
70-231-400	1 Meter Stand with handrails on both sides	420



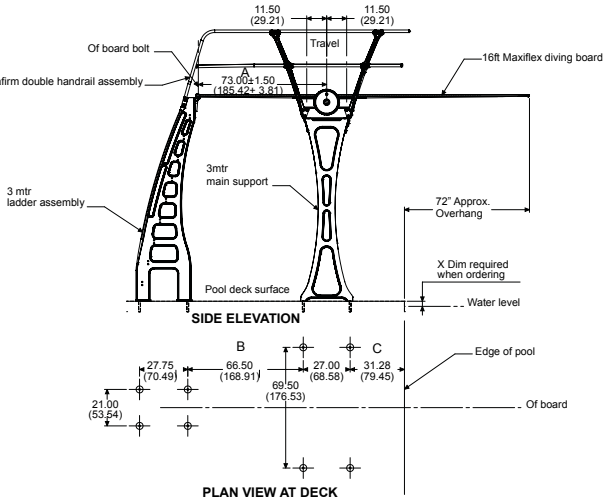
3 Meter Stand

The 3 Meter Duraflex stand is designed to provide a firm foundation for mounting Duraflex aluminium springboards. The Duraflex stand is the result of design focused on stability, low noise level and ease of installation. Built-in handrails on the ladder provide a comfortable grip.

Duraflex stands have double stainless-steel handrails on both sides. The 3-meter structures are manufactured in three heights to accommodate various deck to water levels. The deck to water dimension of the pool, deck slope and diving board model must be indicated when ordering. This information is used to determine the correct stand height for your facility. Drawings and CAD files can then be provided.



Code	Description	Weight
		(lbs)
70-231-300	3 Meter Stand with handrails on both sides	675





Competition Equipment
Olympic Pool Accesories

Anti Wave SuperBlock with Track Start

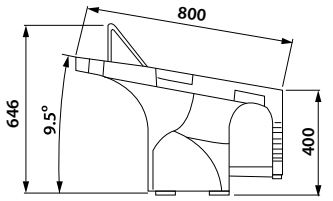
Made of reinforced fiberglass, these are the premium starting blocks for top performance training and competition venues. 800x625 mm antislip platform surface with AISI 316 fittings. Backstart handles reinforced with AISI 316 for safety and durability. Compatible with major electronic timing systems (including Omega RBD). Produced by SMC machine moulding, same production method as current Omega OSB block range.

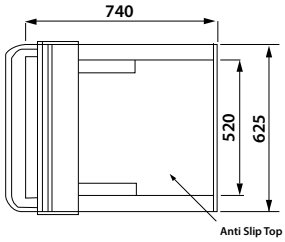


Fina APPROVED

Specifications

- Movable Track Start, adjustable to 5 positions.
- Durable, long life anti-slip top tread.
- Safe start handles for fast start and safety.



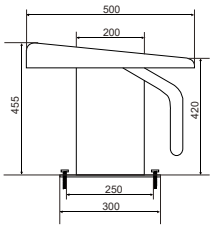


Code	Description	Height	Weight	Volume
		(mm)	(kg)	(m^3)
13034080	Super Block with Track Start	400	50	0.42

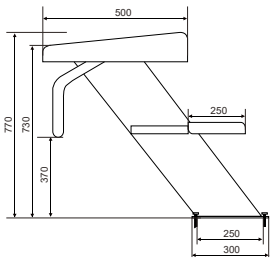
Starting Block with Adjustable Platform

Made of stainless steel AISI 316 with adjustable platform 500 x 500 mm in polyester and fibreglass with non-slip finish. Plate Anchoring in stainless steel AISI 316 included. Number sequence to be requested separately. Available in two heights – 400 and 700 mm.







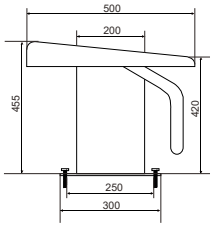


Code	Description	Height	Weight	Volume
		(mm)	(kg)	(m^3)
13034082	Starting Block 400 MM w/adjustable platform	400	18	0.11
13034083	Starting Block 700 MM w/adjustable platform	700	32	0.34

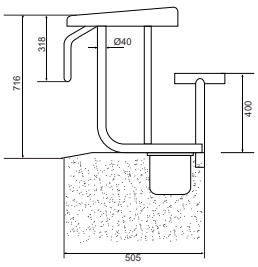
Atecpool Starting Block with Fixed Platform

Made of stainless steel AISI 316 with fixed platform 500 x 500 mm in polyester and fibreglass with non-slip finish. Tube Anchoring in stainless steel AISI 316 not included. Number sequence to be requested separately. Available in two heights – 400 and 700 mm.









Code	Description	Height	Weight	Volume
		(mm)	(kg)	(m^3)
13034084	Starting Block 400 MM w/fixed platform	400	18	0.11
13034085	Starting Block 700 MM w/fixed platform	700	25	0.34

Competition Equipment
Olympic Pool Accessories

Anti Wave Maxi Lanes

MAXI 150mmØ and MIDI 110mmØ racing lanes are designed for optimal water dissipation and wave control in high turbidity. MAXI 150 mmØ model used in FINA World Cup, Olympics Games and other top venues. Both MAXI and MIDI use cable SS316 with diameter of 3.1mm and max force of 5kn - allowing higher tension and more effective wave dissipation for the worlds fastest pools. All discs are made from UV stabilized advanced co-polymer thermoplastics.

Anti Wave Lanes MAXI 150mm Ø and MIDI 110mm Ø are supplied fully assembled with SuperTensioner, Long Clamp and SS Hook, ready for installation.









SuperTensioner



Anti Wave Racing Lanes Assembly

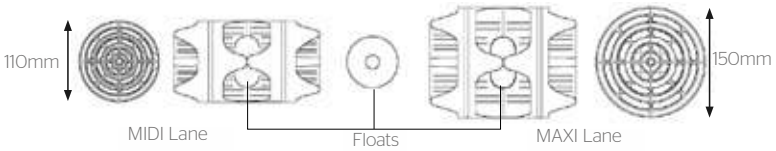


Long Clamp with SS Hook

Code	Description	Length
		(m)
13039090	Float Lane 12.5 MIDI 110 mm Competition	12.5
13039094	Float Lane 25 MIDI 110 mm Competition	25
13039095	Float Lane 50 MIDI 110 mm Competition	50

Code	Description	Length
		(m)
13039077	Float Lane 25 MAXI 150 mm Competition	25
13039067	Float Lane 50 MAXI 150 mm Competition	50

- Standard colours: Red 5 m ends with White and Blue 1 m alternating sections. 25 m Lanes orders have red marks at 15m position, 50 m orders have red marks at the 15 m, and 25 m postions.
- FINA Multicolour: available on request, customs colours available on request.



Lane Rope Standard

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



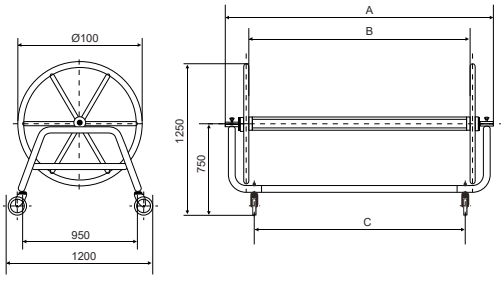
Code	Description	Length	No. of donut floats
		(m)	
13039091	Float Lane 12.5 M STD	12.5	276
13039092	Float Lane 25 M STD	25	552
13039093	Float Lane 50 M STD	50	1105

Lane Rope Roller

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







Code	Description	A	B	C	Weight	Volume
		(mm)	(mm)	(mm)	(kg)	(m^3)
13037071	Lane Rope Roller 1200 mm	1590	1200	1150	9	0,07
13037072	Lane Rope Roller 1800 mm	2190	1800	1750	13	0,09

Capacity - quantity of lane ropes collected in each roller

Model	1200 mm		180 0mm	
	25 m	50 m	25 m	50 m
Lane Rope Standard Competition	4	2	6	3
Lane Rope Standard	8	4	12	6

Competition Equipment
Olympic Pool Accessories

Lane Rope Anchor

Used for pools with gutter at the floor level. Dimension Ø40 mm, height 165 mm, and made of Stainless Steel AISI 316. Lane anchor to be equipped with a hook for attachment of lane ropes onto the pool deck.



Code	Description	Height	Weight	Volume	Std packing
		(mm)	(kg)	(m^3)	
13037081	Lane Rope Anchor	165	0.60	0.003	2

Lane Rope Anchor Cup with central rod

Used for pools with water level below the floor level. Made of S.S. AISI 316. Lane anchor cup to be equipped with a hook for attachment of lane ropes.



Code	Description	Weight	Volume	Std packing
		(kg)	(m^3)	
13030016	Lane Rope Anchor w/ Central Rod	0.8	0.002	2

Lane Rope Anchor Cup Retractable

Used for pools with water level below the floor level. Made of S.S. AISI 316. Lane anchor cup to be equipped with a hook for attachment of lane ropes.



Code	Description	Weight	Volume	Std packing
		(kg)	(m^3)	
13030019	Lane Rope Anchor Cup Retractable	0.98	0.002	2

SuperTensioner

Stainless Steel rod with brass ferrule and glass-filled polycarbonate body construction. Cable is SS316 with diameter of 3.1 mm and max force of 5Kn. Body length including lock nut is 230 mm.



Code	Description	Length
		(mm)
13039097	Lane Rope Tensioner	230

Overflow Lane Anchor

Overflow Lane Anchor SS 316 has a safe low profile on the pool deck and its 215 mm arm is rubber coated to ensure pool tiles are not damaged.



Code	Description	Length
		(mm)
13037089	Overflow Lane Anchor	215

Lane Rope Hook

Made of Stainless Steel AISI 316.



Code	Description	Weight	Volume	Std packing
		(kg)	(m^3)	
13037082	Lane Rope Hook	2	0.002	25

Lane Rope Ratchet

Made of Stainless Steel AISI 316.



Code	Description	Weight	Volume	Std packing
		(kg)	(m^3)	
13037090	Lane Rope Ratchet	0.8	0.002	1

Competition Equipment
Olympic Pool Accessories

False Start Indicators

Includes 2 posts in stainless steel AISI 316, cord and floats. No anchors included. Available in two different widths. Height 1800 mm. Ø43mm posts for pool width upto 12.5 meters and Ø48mm posts for pool width above 12.5 meters.



Code	Description	Weight	Std Packing
		(kg)	
13034090	False Start Indicator Width 12.5m	4.9	1
13034097	False Start Indicator Width 25m	7.7	1

Note: Anchoring Sockets 13030015 / 13030018 or 13030017 / 13030019 to be ordered separate for the posts.

Backstroke Turn Indicators

Includes 4 posts in stainless steel AISI 316, cord and thick PVC flags (4 nos every meter). No anchors included. Available in two different widths. Height 1800 mm. Ø43 mm posts for pool width upto 12.5 m and Ø48 mm posts for pool width above 12.5 m.

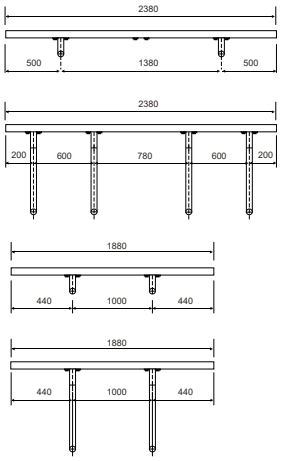


Code	Description	Weight	Std Packing
		(kg)	
13034095	Backstroke Turn Indicator 4 Post W 12.5m	11.9	1
13034093	Backstroke Turn Indicator 4 Post W 25m	22.7	1

Note: Anchoring Sockets 13030015 / 13030018 or 13030017 / 13030019 to be ordered separately for the posts.

Turning Panels

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

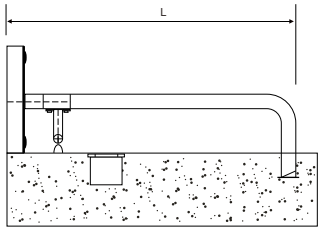




Code	Description	Weight	Std Packing
		(kg)	
13034008	Turning Panel Width 2m	14.2	1
13034009	Turning Panel Width 2.5m	17.1	1

Support for Turning Panel

Support for Turning panel in S.S. AISI 316. Custom length (L) based on request. 2 units for each turning panel





Code	Description	Weight	Std Packing
		(kg)	
13034005	Support for Turning Panel AISI 316	5.5	1

Anchoring Socket - Flat

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



Code	Description	Weight	Std Packing
		(kg)	
13030015	Anchoring Socket Flat 43mm	1.7	2
13030017	Anchoring Socket Flat 48mm	1.81	2

Anchoring Socket - Angled

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

Code	Description	Weight	Std Packing
		(kg)	
13030018	Anchoring Socket Angled 43mm	1.6	2
13030020	Anchoring Socket Angled 48mm	1.75	2



Competition Equipment
Movable Bulkhead

Anti Wave Motorised Bulkhead AWE043

The Anti Wave Movable Bulkhead sets the international standard for Bulkhead pool configuration and programmability. Anti Wave has developed a high-precision corrosion resistant bulkhead that successfully meets all international regulations making it essential to the swimming community. Bulkhead motorisation began in 1985 and is still in operation, leading the world in reliability and operation.



Fina APPROVED

Innovation and Durability • Anti Movable Bulkhead installed Brisbane Valley 1985 and still in service today



FINA World Cup Singapore 2012



Motorised Bulkhead

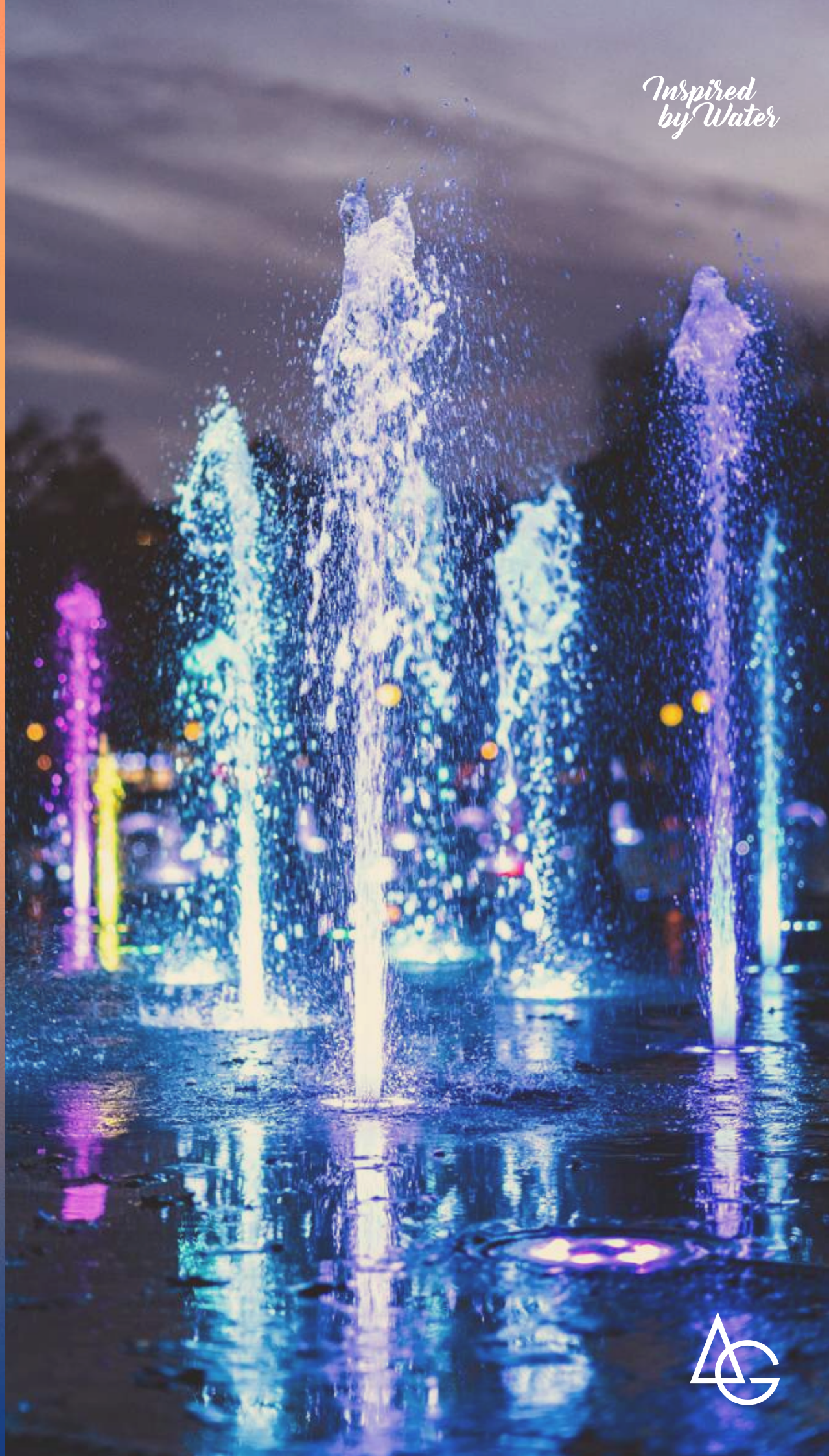
ATECPOOL

RAINBOW FOUNTAIN

RAINBOW

by ATECPOOL

ATECPOOL INTERNATIONAL GROUP


Inspired
by Water

RAINBOW
by ATECPOOL

ATECPOOL INTERNATIONAL GROUP

ATECPOOL RAINBOW FOUNTAIN



ATECPOOL RAINBOW Fountain Water fountain design concept is synonymous with graceful notion of dancing. With this fountain fundamental in mind, the concept design of the water feature is done, engineered at its best and delivered.

The design by ATECPOOL Rainbow fountain aims to create the most pleasant visual effect of the combination of water and underwater multicolor LED lights. The overall performance to amaze every eyes falling on this magical water effect.

The individual DMX signal makes sure that LED lighting at its best illumination effects, WaterSwitches used to improve the uniformity of the spray height and the switching speed of the water jet and musical fountains controls by Syncronorm Integrated Control System.

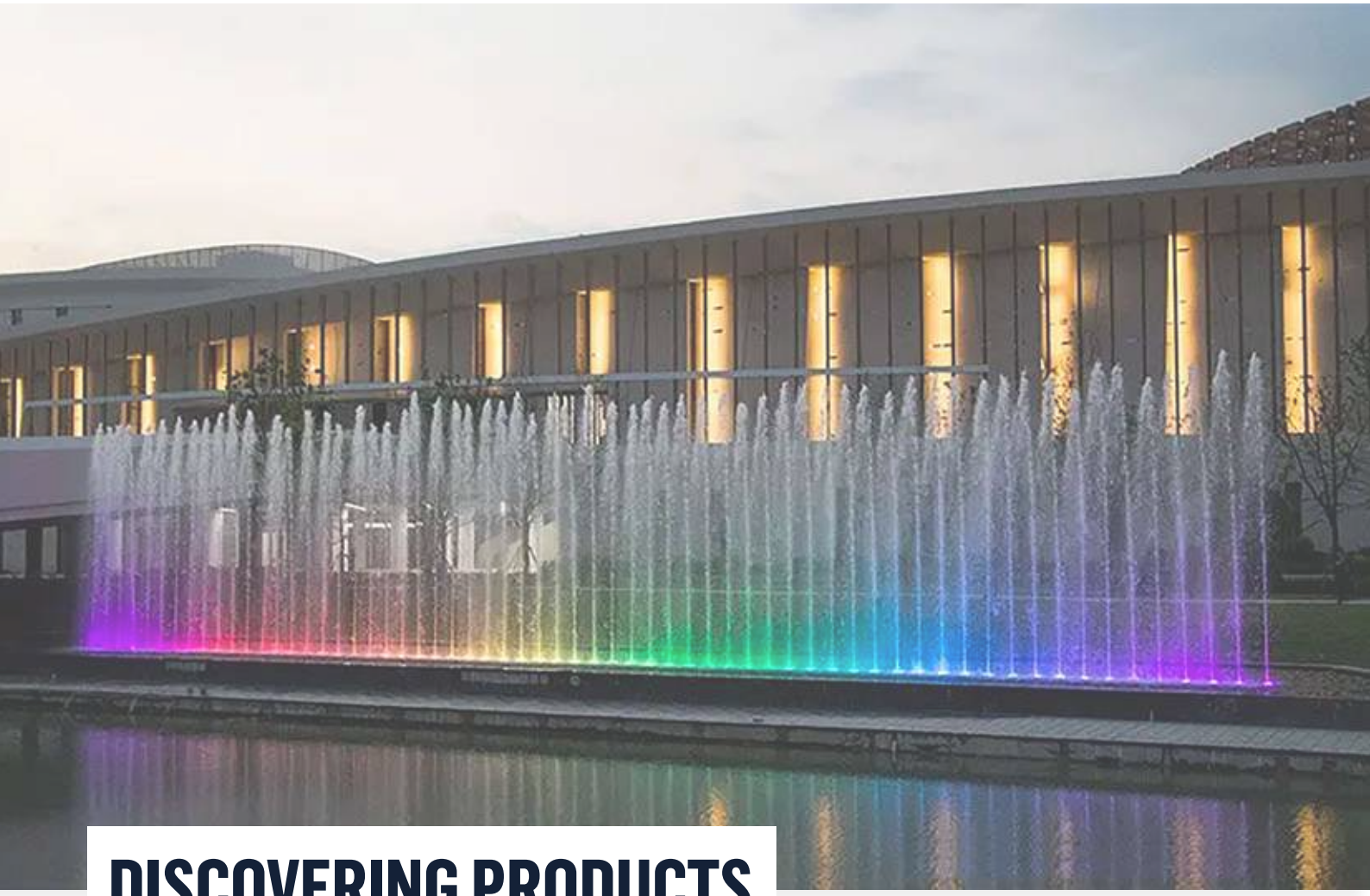
Rainbow Fountain - magical water



RAINBOW FOUNTAIN

ATECPOOL INTERNATIONAL GROUP

RAINBOW



DISCOVERING PRODUCTS



NOZZLES



INTERACTIVE FOUNTAINS



FOUNTAIN LIGHTING



CONTROLLABLE PUMPS



CONTROLS



MAGICAL WATER

CREATING LIFE

Rainbow Fountain
Project References

RAINBOW

Bugis Junction Plaza Fountain , Singapore

DMX Control system with 24 aerated jets and 12 jumping jets.





BUGIS JUNCTION
PLAZA FOUNTAIN

Rainbow Fountain
Project References

RAINBOW

The Metropolis, Singapore

Linear array of LED foam effect jets, akin to a red carpet welcome.





THE METROPOLIS
FOUNTAIN

Rainbow Fountain
Project References

RAINBOW

SHAW House, Orchard Road- Singapore

Jumping jets aligned along both sides of the mall entrance, welcoming shoppers.







SHAW HOUSE
ORCHARD ROAD

Rainbow Fountain
Project References

RAINBOW

Sadong Jaya, Malaysia

DMX programmed 50 comet nozzle on waterswitch, fully integrated fountain display.







SADONG JAYA
MALAYSIA

Rainbow Fountain
Project References

RAINBOW

Pandan Lake, Kuala Lumpur, Malaysia

DMX programmed floating fountain with waterswitch, bringing out night beauty of this lake with color abundance.





PANDAN LAKE
KUALA LUMPUR

Rainbow Fountain
Project References

RAINBOW

Kenjeran Surabaya, Indonesia

Dancing musical fountain , 64 comet nozzles mounted on waterswitches with exclusive magical water effects.





KENJERAN
SURABAYA

RAINBOW

1. IMAGINATION





2. CONCEPTUALIZATION

3. DESIGN





4. INNOVATION

5. QUALITY



COMPLETE FOUNTAIN SOLUTIONS

> Concept Design & Development
> 3D Rendering / 3D Animations
> Technical Support & Site Evaluation
> Product offerings and Inventory
> Production & Manufacturing
> Start-Up & Commissioning

Rainbow Fountain
Comet Nozzles

RAINBOW

Comet Nozzles



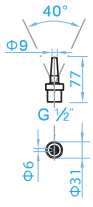


Comet Nozzles Specifications

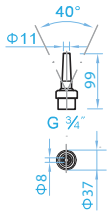
- Stainless steel AISI 316
- Clear stream jet
- Good resistance to wind
- Water level independent
- Adjustable spray angle

			SPRAY HEIGHT (m)													
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1.5**	**2**	**2,5**	**3**	**4**	**5**	**6**	**8**	**10**	**12**	**15**
ZF 15-6	1/2"	LPM	7	10	12	15	17									
		Head in mtr	0,5	0,8	1	1,5	2									
ZF 20-8	3/4"	LPM	11	15	19	23	27	31	35	37						
		Head in mtr	0,5	1	1,5	2	2,5	3	4	5						
ZF 25-10	1"	LPM	18	24	27	32	35	40	46	53	60					
		Head in mtr	0,5	0,8	1	1,5	2	2,5	3	4	5					
ZF 25-12	1"	LPM	23	25	27	35	55	58	63	75	87	95				
		Head in mtr	0,6	0,8	1	1,5	2,1	2,5	3,5	5	7	8,5				
ZF 40-13	1 1/2"	LPM			42	46	50	57	63	79	102	120	140	180		
		Head in mtr			1,4	1,8	2	2,5	3	4,8	7	11	19	23		
ZF 40-16	1 1/2"	LPM					80	88	98	118	140	180	200	230		
		Head in mtr					2	2,5	3	4,5	6	8	10	12		
ZF 50-20	2"	LPM							160	200	225	246	270	293		
		Head in mtr							3,5	6	7,5	9,5	11,5	15		
ZF 65-25	2 1/2"	LPM							280	326	369	405	450	490	531	
		Head in mtr							4,6	6	7,5	9	11	16,8	22,5	
ZF 80-28	3"	LPM									439	479	552	618	800	880
		Head in mtr									7,1	8,6	12	14	17	25

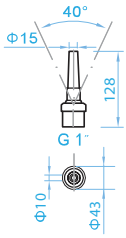
Dimensions



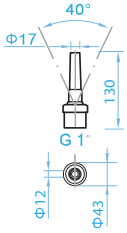
ZF 15-6



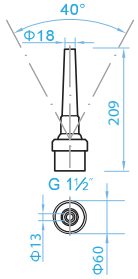
ZF 20-8



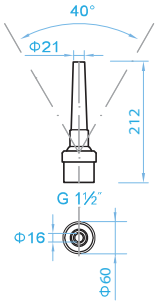
ZF 25-10



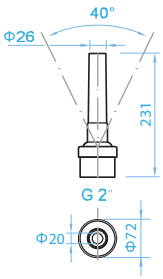
ZF 25-12



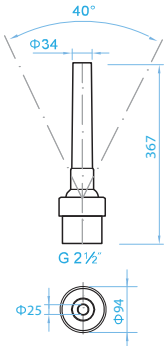
ZF 40-13



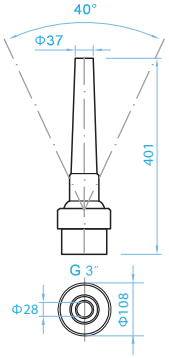
ZF 40-16



ZF 50-20



ZF 65-25



ZF 80-28

RAINBOW FOUNTAIN

Rainbow Fountain
Sphere Nozzles

RAINBOW

Sphere Nozzle



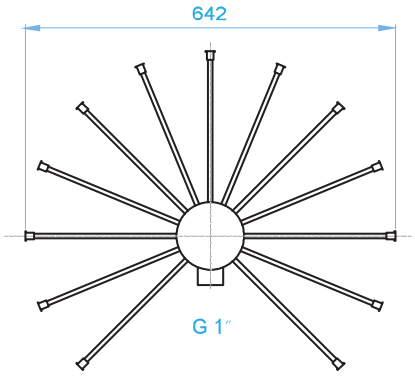


			SPRAY HEIGHT (m)
Code	**BSP. connection**	**Flow/Head**	**1**
ZO25	1"	LPM	140
		Head in mtr	2,2
ZO40	1 1/2"	LPM	202
		Head in mtr	2,2
ZO50	2"	LPM	350
		Head in mtr	2,2

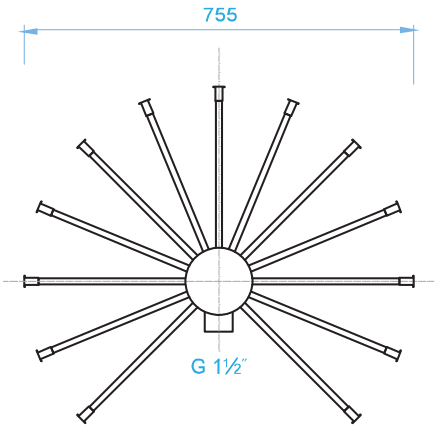
Sphere Nozzles Specifications

- Stainless steel AISI 316 / Brass plated chrome
- Impressive water display
- Decorative high-grade steel sculpture
- Water level independent

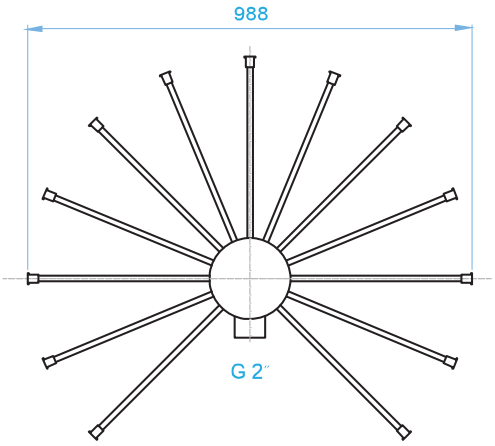
Dimensions



ZO25



ZO40



ZO50

Rainbow Fountain
Variety Nozzles

RAINBOW

Variety Nozzle



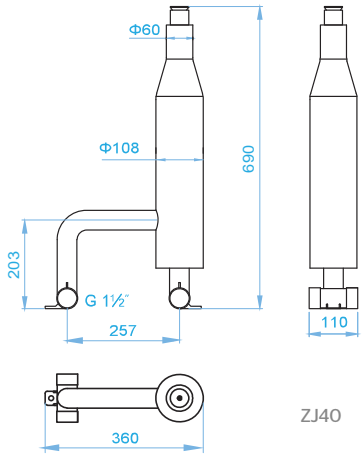


Variety Nozzles Specifications

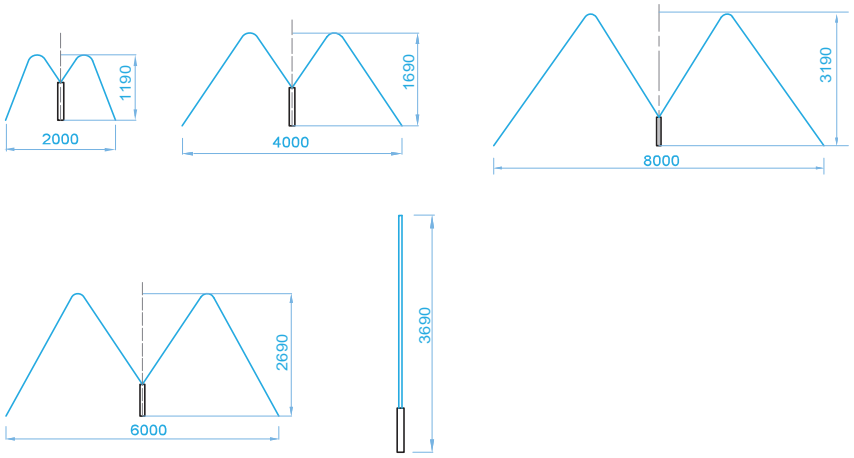
- The Variety jet creates a dynamic variable water pattern
- The nozzle is driven by two pumps controlled with VFD
- Compact robust stainless steel AISI 316 Nozzle
- 2 pressure connections
- Nozzle with DN40 nipple

				SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Spray Pattern**	**Flow/Head**	**0,5**	**1**	**2**	**2,5**	**3**
ZJ40	1 1/2"	Water Bell	LPM	80	123	187	220	
			Head in mtr	1,5	3	5,7	7,4	
		Single Stream	LPM		111	170		220
			Head in mtr		4	6,5		9

Dimensions



Water Spray Effect



Rainbow Fountain
Foam Nozzles

RAINBOW

ZM-Series Foam Nozzle



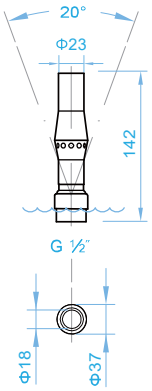


Foam Nozzles Specifications

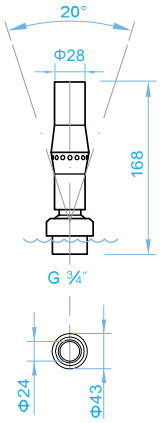
- Stainless steel AISI 316
- Foamy jet
- Good resistance to wind
- Water level dependent
- Adjustable spray angle

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**3**	**4**	**5**	**6**
ZM15	1/2"	LPM	20	28	32	40	46	58	70		
		Head in mtr	0,5	1,8	2	3,5	4,5	7	11		
ZM20	3/4"	LPM	26	35	38	48	56	69	91	110	
		Head in mtr	0,6	0,8	1,2	2	3	4,8	8	12	
ZM25	1"	LPM	47	55	65	83	95	112	142	166	180
		Head in mtr	0,7	1	1,5	2,2	3,4	5,4	8	10	12
ZM40	1 1/2"	LPM	82	100	112	142	170	220	270	320	370
		Head in mtr	1	2	3	5	6	11	16	21	26

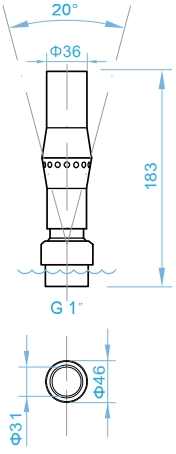
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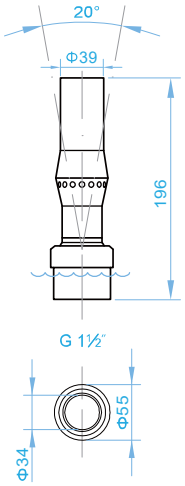
ZM15



ZM20



ZM25



ZM40

Rainbow Fountain
Foam Nozzles

RAINBOW

ZG-Series Foam Nozzle



ZG25P ZG25 ZG40 ZG50



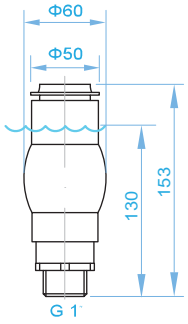


Foam Nozzles Specifications

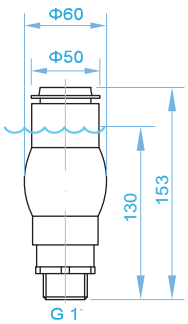
- Stainless steel shell (ZG25P)
- Stainless steel AISI 316 (ZG25, ZG40, ZG50)
- Foamy jet
- Water level dependent
- Optional swivel connector

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**	**5**
ZG25P	1"	LPM	46	60	73	90	100	110	130	160	195
		Head in mtr	0,5	1	1,8	2,8	5	6	7	9	14
ZG25	1"	LPM	46	60	73	90	100	110	130	160	195
		Head in mtr	0,5	1	1,8	2,8	5	6	7	9	14
ZG40	1 1/2"	LPM	120	144	171	215	256	300	340	398	451
		Head in mtr	1	1,4	1,9	2,6	3,8	4,9	6	7,5	9,5
ZG50	2"	LPM			320	390	450	516	583	716	775
		Head in mtr			1,5	1,8	2,1	3,2	4,5	6	9

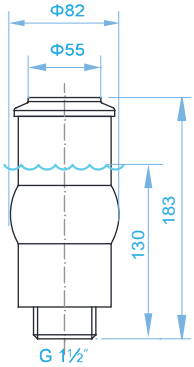
Dimensions



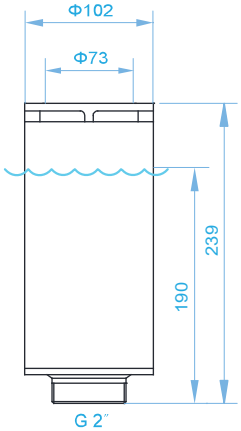
ZG25P



ZG25



ZG40

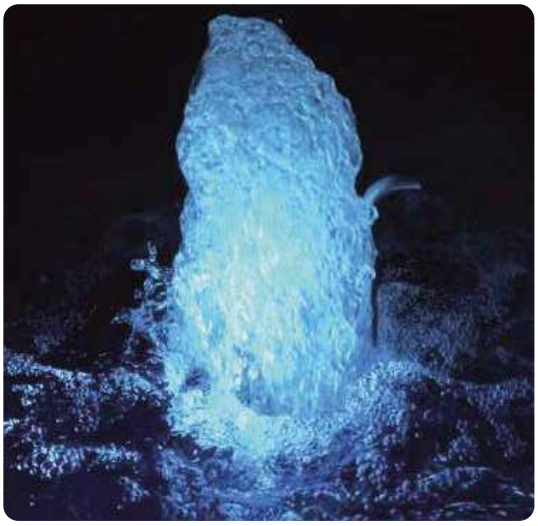


ZG50

Rainbow Fountain
Foam Nozzles

ZE - Series Foam Nozzle



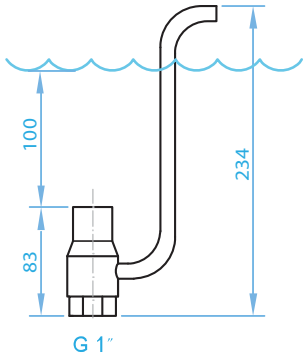


Foam Nozzles Specifications

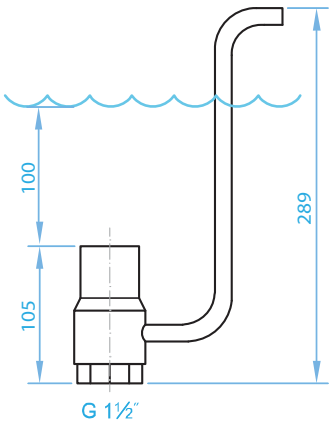
- Stainless steel AISI 316
- Aerated water at low levels with a splashy frothy column at high levels
- Water level dependent

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**	**5**
ZE25	1"	LPM	50	60	65	70	75	81	90	107	125
		Head in mtr	0,5	0,8	1	1,5	2	3	4	6	8
ZE40	1 1/2"	LPM	75	78	80	85	101	111	128	154	185
		Head in mtr	0,7	0,9	1,5	2	3	4	5	7	11

Dimensions



ZE25



ZE40

Rainbow Fountain
Stream Nozzles

Stream Nozzle





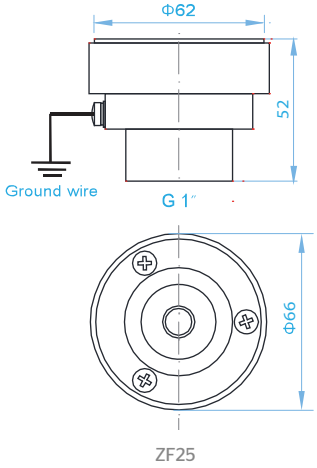
Stream Nozzles Specifications

- Can be installed vertically or horizontally with jet angle adjustment up to 25°
- The slender column of water produced by the 10mm diameter opening is best used as a small to medium water feature nozzle
- Water level independent
- Stainless steel AISI 316 construction and complete with bonding screw

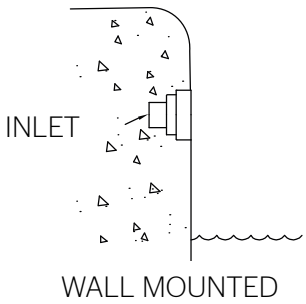
This directionally adjustable clear stream nozzle is designed for applications that require flush deck level mounting such as swimming pool decks and children's public water play areas.

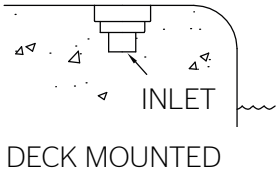
			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,50**	**3**	**4**	**5**
		LPM	15	22	26	30	34	44	60
		Head in mtr	1,2	2	3	3,5	4	7	11
ZF25	1"	Throw in mtr	1		2		3		
		LPM	18		27		37		
		Head in mtr	1,8		3		5		

Dimensions



Mounting Options





Rainbow Fountain
Cascade Nozzles

Cascade Nozzle



ZBG Series ZB Series

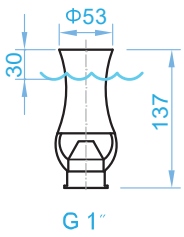


Cascade Nozzles Specifications

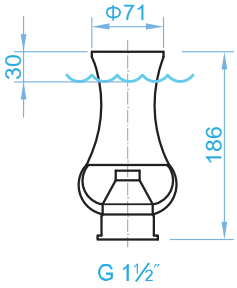
- Stainless steel AISI 316
- Cone-shaped effect
- Foamy effect with rich mixture of air
- Water level dependent
- ZB series with adjustable spray angle

			SPRAY HEIGHT (m)													
Code	**BSP. connection**	**Flow/Head**	**0,25**	**0,5**	**0,75**	**1**	**1,50**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**
ZBG25	1"	LPM	35	40	50	55	65	75	80	90	103	130				
		Head in mtr	0,8	1	2	2,1	4	5,5	7	11	14	20				
ZBG40	1 1/2"	LPM	75	90	105	120	150	180	210	240	270	300	330			
		Head in mtr	1	1,5	2,5	3	4	6	9	12	14	17	20			
ZB25	1"	LPM	34	40	48	55	66	74	80	91	103	150				
		Head in mtr	0,5	1	1,5	2	4	5	7	9	11	21				
ZB40	1 1/2"	LPM	75	90	105	120	130	142	180	220	260	300	340			
		Head in mtr	1,5	2	3	4	5	6	10	15	20	25	30			
ZB50	2"	LPM	101	108	116	125	142	158	192	226	260	294	328	362		
		Head in mtr	2	2,5	3,5	4,5	5,5	7	11	15	19	23	27	31		
ZB80	3"	LPM				381	432	484	542	606	670	734	798	862	926	990
		Head in mtr				4	7	10	13	16	19	22	25	28	31	34

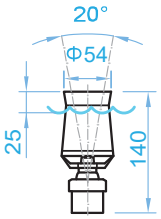
Dimensions



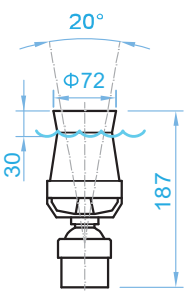
ZBG25



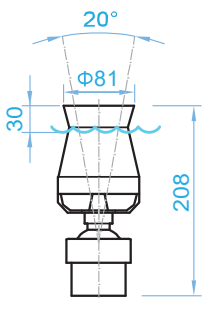
ZBG40



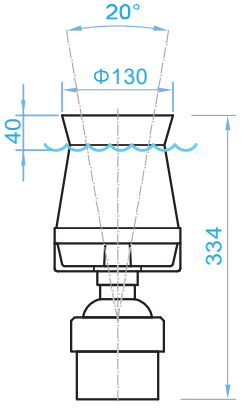
ZB25



ZB40



ZB50



ZB80

Rainbow Fountain
Fan Nozzles / Flat Nozzles

RAINBOW

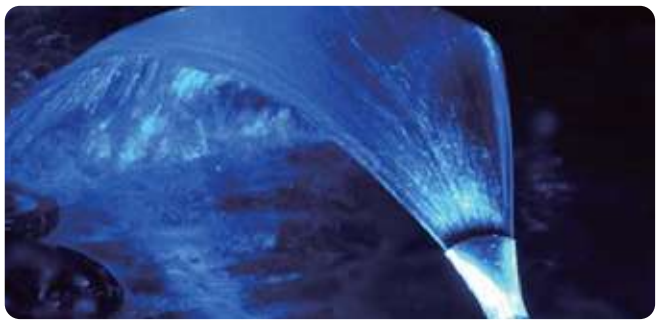
Fan Nozzle



Flat Nozzle







Fan Nozzles Specifications

- Stainless steel AISI 316
- A fan shaped display
- Display a fan-shaped spray pattern with an angled installation.
- Water level independent

Flat Nozzles Specifications

- Stainless steel AISI 316
- A fan shaped display
- Display an ideal parabolic spray pattern with an angled installation.
- Water level independent

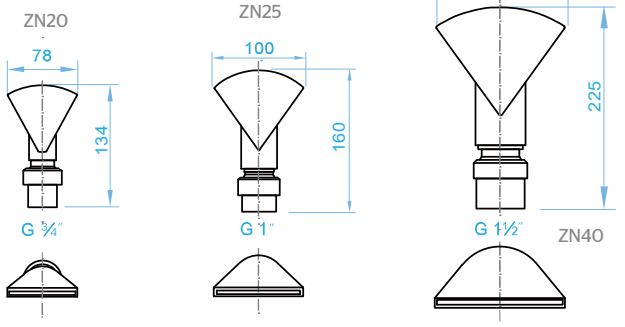
Atecpool Fan Nozzle

			SPRAY HEIGHT (m)							
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**
ZN20	3/4"	LPM	30	34	36	50	62			
		Head in mtr	0,5	0,8	1,2	1,7	2,4			
ZN25	1"	LPM	45	64	72	95	110	138	150	
		Head in mtr	0,5	0,8	1,2	1,7	2,5	3,5	4,5	
ZN40	1 1/2"	LPM	59	92	97	120	142	175	190	220
		Head in mtr	0,5	0,8	1,2	1,7	2,5	3,5	4,5	5,5

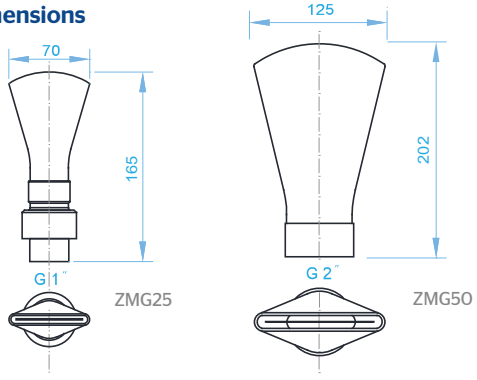
Atecpool Flat Nozzle

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**1,75**	**2**
ZMG25	1"	SPB (spray width) in mtr	1	1,5	2	3	3,8	
		LPM	94	116	134	165	179	
		Head in mtr	0,6	1,1	1,3	1,9	2,3	
ZMG50	2"	SPB (spray width) in mtr	1,5		3	4		5,5
		LPM	167		234	267		367
		Head in mtr	0,5		1	1,5		2

Dimensions



Dimensions



RAINBOW FOUNTAIN

Rainbow Fountain
Finger Nozzles

Finger Nozzle



ZRG50





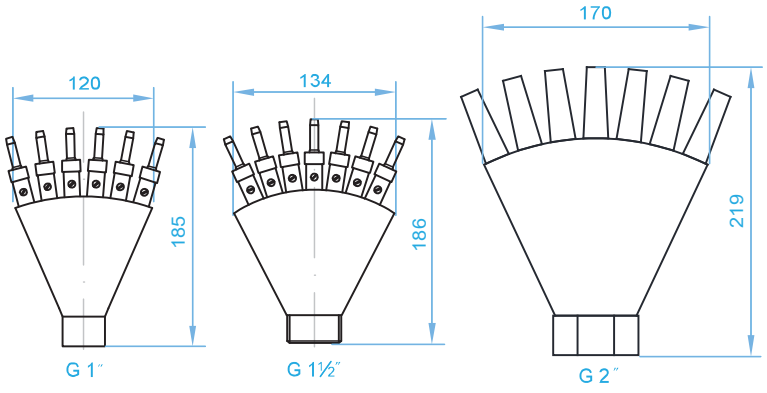
ZR Series

Finger Nozzles Specifications

- Stainless steel AISI 316 /Brass plated chrome
- A finger-like fan shaped display
- ZR series can be used vertically or angled to provide a decorative water display
- Water level dependent

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**4**
ZR25	1"	LPM	20	31	42	51	62	75
		Head in Mtr	2	3,2	5,8	8,8	12	16
ZR40	1 1/2"	LPM	18	25	34	38	45	64
		Head in Mtr	1	2	4	5	6	10
ZRG50	2"	LPM				200	217	267
		Head in Mtr				3,5	5	7

Dimensions



ZR25 ZR40 ZRG50

Rainbow Fountain
Water Fog Nozzles

RAINBOW

Water Fog Nozzle



ZW15

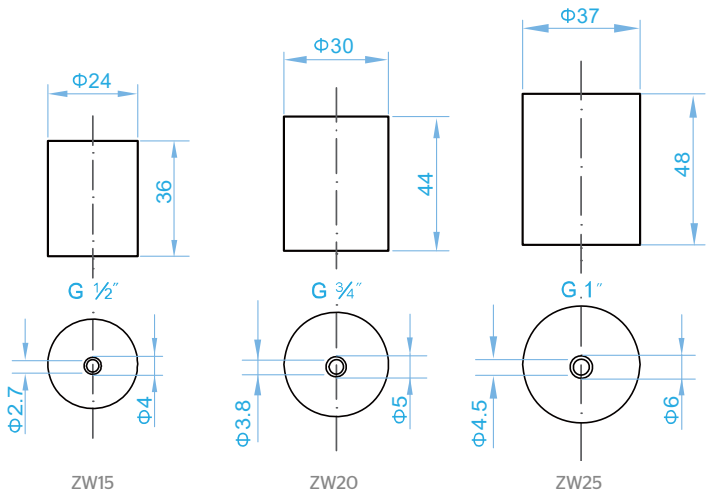


Water Fog Nozzles Specifications

- Stainless steel AISI 316
- Misty romantic water display
- Water level independent

			SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**
ZW15	1/2"	LPM	14	22	30		
		Head in Mtr	7	16	25		
ZW20	3/4"	LPM	17	27	38		
		Head in Mtr	1	2	3		
ZW25	1"	LPM	20	28	35	43	50
		Head in Mtr	10	17,5	25	33	40

Dimensions



Rainbow Fountain
Water Bell Nozzles

Water Bell Nozzle



ZMN25

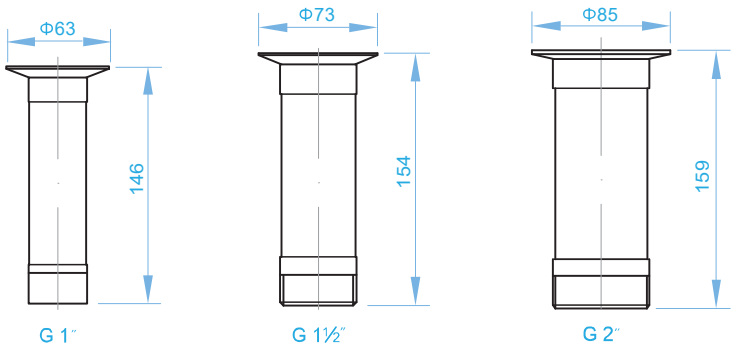


Water Bell Nozzles Specifications

- Stainless steel AISI 316
- Transparent water film
- Adjustable bell diameter
- Silent running
- Water level independent

			SPRAY HEIGHT (m)		
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**0,9**
ZMN25	1"	LPM	18		
		Head in Mtr			
ZMN40	1 1/2"	LPM		35	
		Head in Mtr			
ZMN50	2"	LPM			38
		Head in Mtr			

Dimensions



ZMN25 ZMN40 ZMN50

Rainbow Fountain
Spinning Nozzles

Spinning Nozzle



ZEG40

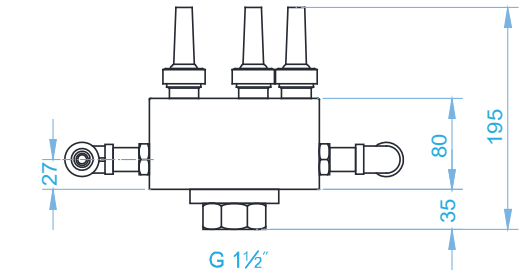


Spinning Nozzles Specifications

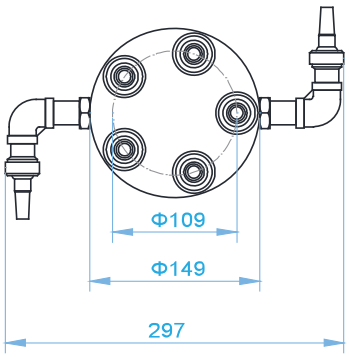
- Stainless steel AISI 316
- Rotating water pattern
- Water level independent

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**4**
		SPB (spray width) in mtr	2	3,1	4	4,4	5	6
ZEG40	1 1/2"	LPM	141	173	199	223	244	282
		Head in mtr	2,5	3,8	5	6,3	7,6	10,1

Dimensions



ZEG40



Rainbow Fountain
Cluster Nozzles

RAINBOW

ZP - Series Cluster Nozzle



ZP25

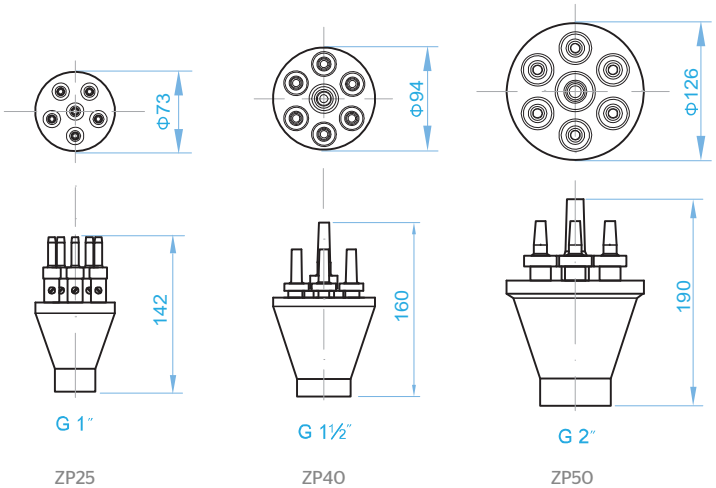


Cluster Nozzles Specifications

- Stainless steel AISI 316 (ZP40,ZP50)
- Stainless steel AISI 316 / Brass plated chrome (ZP25)
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent

			SPRAY HEIGHT (m)							
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**
ZP25	1"	LPM	16	19	21	26	34	36	43	50
		Head in mtr	0,5	0,8	1	1,8	2,4	2,8	4	7
ZP40	1 1/2"	LPM	68	75	89	131	156	172	191	230
		Head in mtr	0,5	0,8	1	1,5	2	3	4,5	6
ZP50	2"	LPM	82	108	124	162	190	210	230	250
		Head in mtr	0,5	0,8	1	1,5	2	3	4	8

Dimensions



Rainbow Fountain
Cluster Nozzles

RAINBOW

ZPT - Series Cluster Nozzle





ZPT25

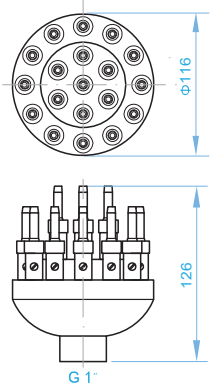


Cluster Nozzles Specifications - ZPT - Series

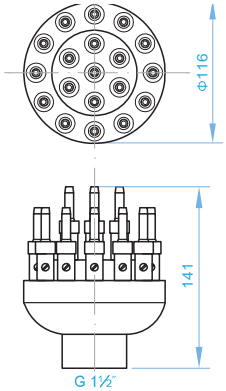
- Stainless steel AISI 316 / Brass plated chrome
- Precise full stream
- Multi-stepped water pattern
- Easy to clean
- Water level independent

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**
ZPT25	1"	LPM	50	66	68	85	110	120
		Head in Mtr	0,5	1	1,2	2	3,5	4
ZPT40	1 1/2"	LPM	50	62	70	90	120	140
		Head in Mtr	0,5	1	1,2	2	3,2	4

Dimensions



ZPT25



ZPT40

RAINBOW FOUNTAIN

Rainbow Fountain
Annular Nozzles

Annular Nozzle



ZA25

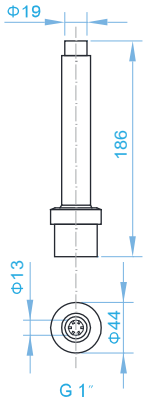


Annular Nozzles Specifications

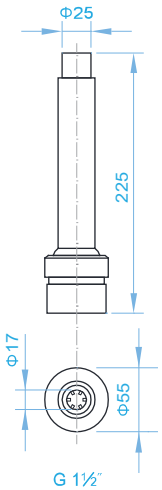
- Stainless steel AISI 316
- Easy to clean
- Water level independent

			SPRAY HEIGHT (m)										
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**	**5**	**6**	**7**
ZA25	1"	LPM	24	27	31	41	46	55	58	70	95		
		Head in mtr	1	1,2	1,5	2,1	2,8	3,8	4,1	6,5	10		
ZA40	1 1/2"	LPM	50	60	70	85	96	108	115	125	140	160	200
		Head in mtr	1,8	2	2,2	2,8	4	5	6	7	8	9	12

Dimensions



ZA25



ZA40

Rainbow Fountain
Aerated Nozzles

RAINBOW

Aerated Nozzle



ZMA25

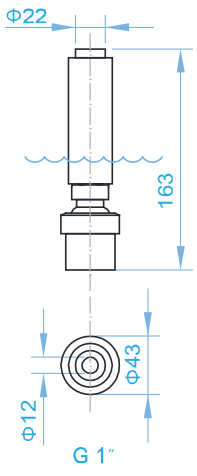


Aerated Nozzles Specifications

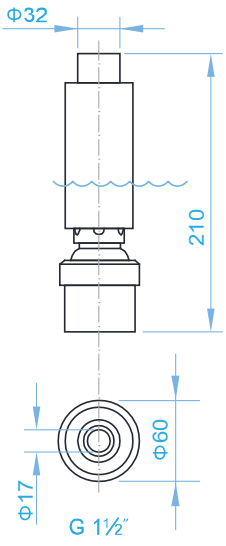
- Stainless steel AISI 316
- Easy to clean
- Water level dependent

			SPRAY HEIGHT (m)										
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,50**	**2**	**2,5**	**3**	**4**	**5**	**6**	**7**
ZMA25	1"	LPM	20	23	28	36	43	48	53	61	71		
		Head in mtr	0,5	1	1,1	1,8	2,5	3	3,8	5	6,5		
ZMA40	1 1/2"	LPM	40	48	55	72	80	92	100	110	120	130	180
		Head in mtr	1,8	2	2,2	3,2	4	4,5	5,2	6	7	8	12

Dimensions



ZMA25



ZMA40

Rainbow Fountain
Z20-12 Jumping Jet



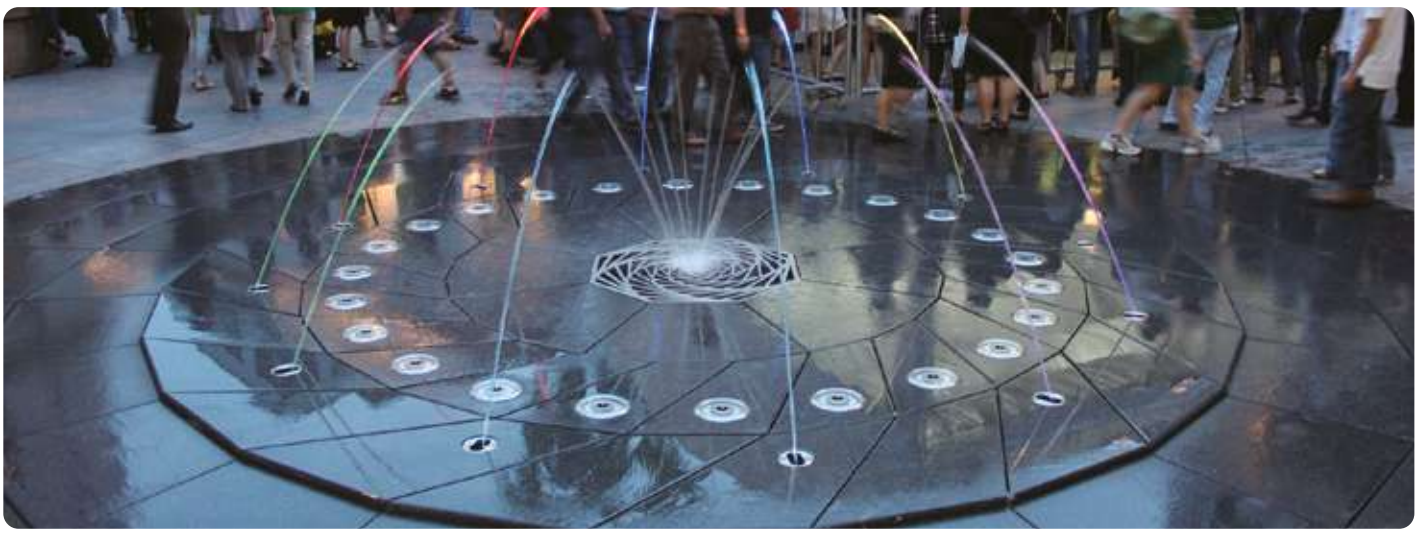
Water Parabolas



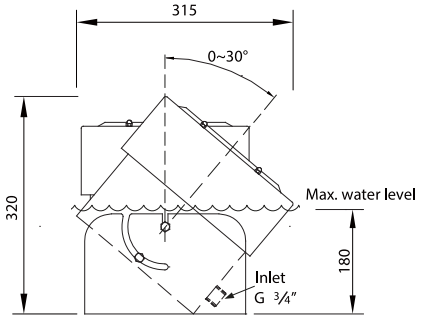
Z20-12 Jumping Jet Specifications

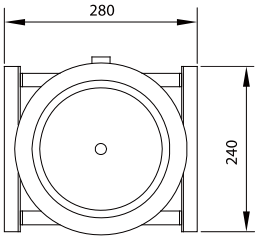
- Effect: laminar water
- Function: cut off
- Orifice: 12mm
- Vertical pivoting range: 0-30°
- Max. pressure: 0.5bar
- Max. flow rate: 50l/min
- Max. water depth: 180mm
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.1A
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 3W
- Light type: LED RGB / white light
- Power cable for LED light: 3m STW 18AWG
- Power cable for stepper motor: 3m STW 18AWG
- Material: stainless steel AISI 316
- 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



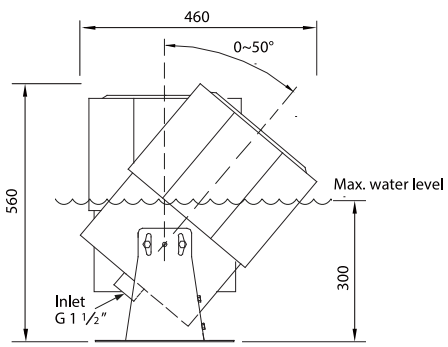
Z40-16 Jumping Jet Specifications

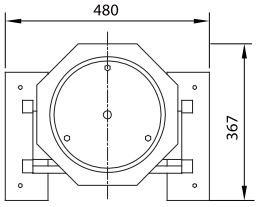
- Effect: laminar water
- Function: cut off
- Orifice: 16mm
- Vertical pivoting range: 0 ~ 50 °
- Max. pressure: 0.7bar
- Max. flow rate: 84 l/min
- Max. water depth: 300mm
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.4A
- Rated voltage of LED light: 24V DC
- Rated power of 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 AISI 316
- Weight: 38kg

Example of application



Dimensions



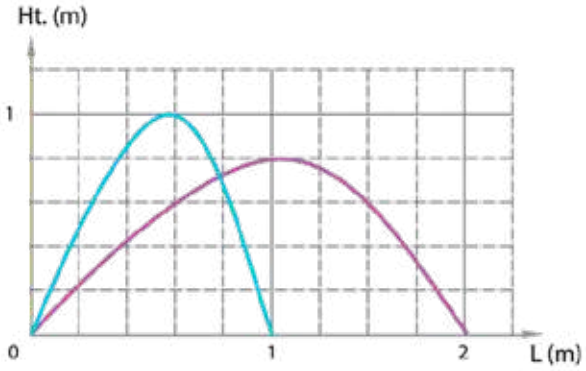


Characteristics	Z40-16
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m STW 18AWG
Vertical pivoting range	0-50°
Weight	38kg
Orifice	16 mm
Max flow rate	84 ltr/min
Material	Stainless Steel

Rainbow Fountain
Z20-8 Laminar Jet



Water Parabolas



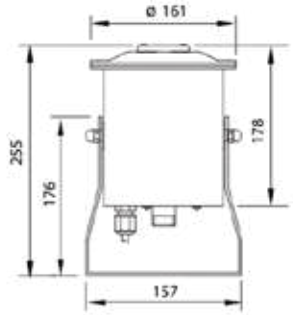
Z20-8 Laminar Jet Specifications

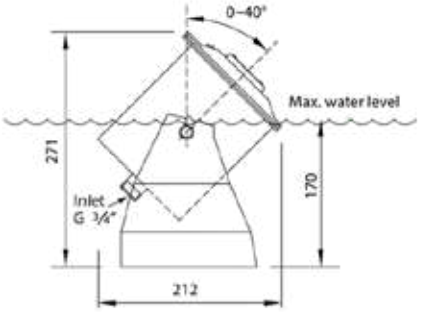
- Effect: laminar water
- Orifice: 8mm
- Vertical pivoting range: 0 -40 °
- Max. pressure: 0.3bar
- Max. flow rate: 25 l/min
- Max. water depth: 170mm
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 3W
- Light type: LED RGB / white light
- Power cable for LED light: 3m STW 18AWG
- Material: stainless steel AISI 316
- Weight: 6.8kg

Example of application



Dimensions



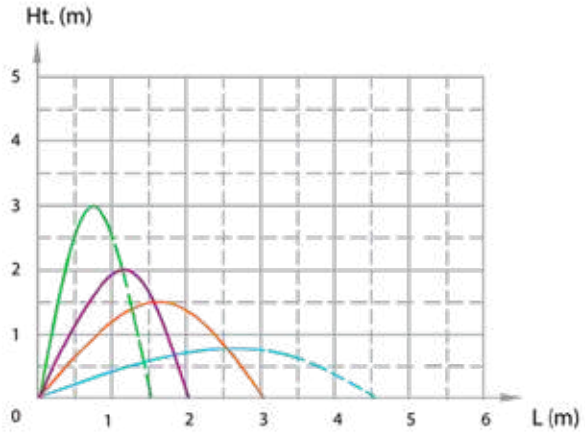


Characteristics	Z20-8
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m STW 18AWG
Vertical pivoting range	0-40°
Weight	6.8kg
Orifice	8 mm
Max flow rate	25 ltr/min
Material	Stainless Steel

Rainbow Fountain
Z20L-12 Laminar Jet



Water Parabolas



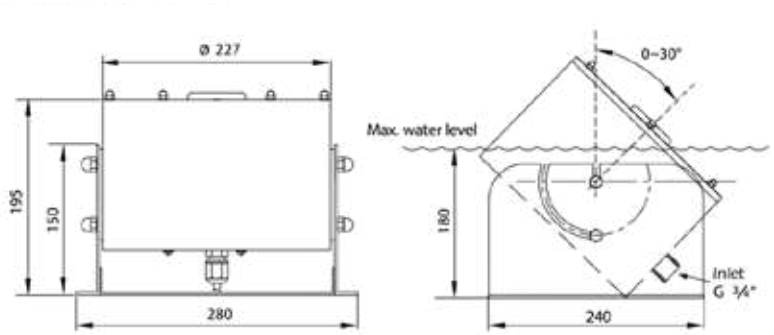
Z20L-12 Laminar Jet Specifications

- Effect: laminar water
- Orifice: 12mm
- Vertical pivoting range: 0 ~ 30°
- Max. pressure: 0.5bar
- Max. flow rate: 50 l/min
- Max. water depth: 180mm
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 3W
- Light type: LED RGB / white light
- Power cable for LED light: 3m STW 18AWG
- Material: stainless steel AISI 316
- 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 AISI 316 construction with Acrylic nozzle

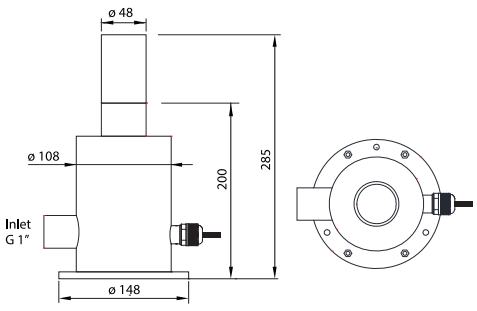
Example of application





			SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Flow/Head**	**0,15**	**0,25**	**0,35**	**0,5**	**0,6**
ZFL 35-40	1"	LPM	40	50	58	65	72
		Head in mtr	1,5	2,1	2,9	3,7	4,6

Dimensions



ZFL 35-40

ZFL 35-40 LED Foam Nozzle

Characteristics	ZFL 35-40
Rated voltage	24VDC
LED rated power	3W
Power Cable	3m STW 18AWG
Weight	3.6kg
Material	Stainless Steel 316 with Acrylic Nozzle

Ornamental Water Features
LED Bubblers

RAINBOW

LED Bubblers

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





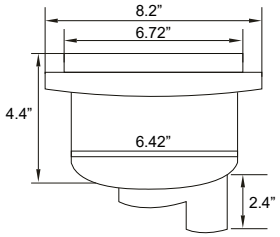
Features

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

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







8" LED Bubbler Dimensions

Specifications

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

1 Beam-Focusing Lens

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

2 Smart Sync™ Technology

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

3 IP68 Waterproof Quick Disconnect

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

4 Minimalist, flush installation

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

5 Directional Nozzle

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

6 Gunite, Fiberglass & Vinyl Installation

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

Rainbow Fountain
Deck Jet



ZDJ25C



ZDJ35S

Circular / Square Deck Jets

Flush mounted Deck Jet Nozzle in two shapes, Circular and Square. Nozzle assembly with 360 deg illuminating LED includes different spray effect upon selection of nozzle (Column or Angle Ring). LED-Nozzle assembly suitable for dry deck fountain where there is no visible water body but sprayed from nozzles and drained through grate cover surrounding the nozzle assembly.

Deck Jet Specifications

- **Shape:** Circular or Square suspended Deck Jets
- **Construction:** AISI 316 Stainless Steel
- **Central Interchangeable Flush Nozzle:** Column Nozzle / Angle Ring Nozzle
- **LED Light Type:** Three Types
  Type 1: AYP36WW/CW (3000K/ 6000K)
  Type 2: AYP36RGB (RGB 3 in 1)
  Type 3: DMX182RGB (RGB 4 in 1)
- **Drain:** Pre-attached to nozzle assembly.
- **Fixing:** Designed for mount and anchored on paver.
- **LED light cable:** 3m STW 18AWG

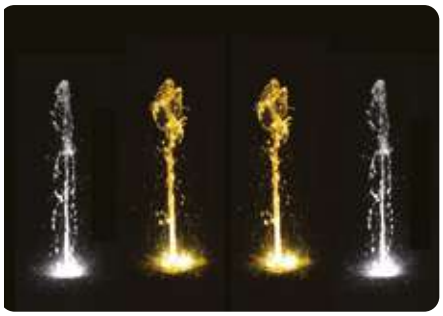
Deck Jet Column Nozzle ZDJ25C / ZDJ35S

			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**	**4**
ZDJ25C or ZDJ35S	1"	LPM	25	30	35	40	45	60	65
		Head in mtr	1,5	2,5	3	3,5	5	5,5	7

Deck Jet Angle Ring Nozzle ZDJ25C / ZDJ35S

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**
ZDJ25C or ZDJ35S	1"	LPM	20	25	30	35	40	45
		Head in mtr	1	1,7	2,5	3,5	4,5	5,5

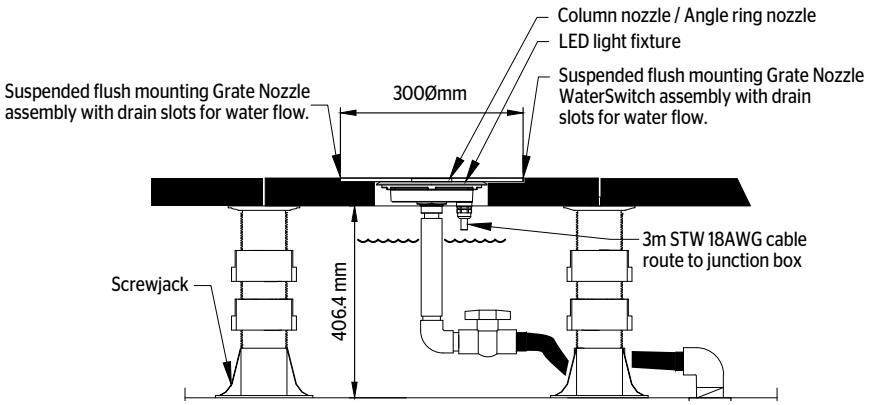
Performance of Deck Jet (Column Nozzle)



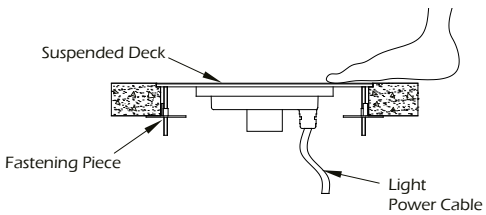
Performance of Deck Jet (Angle Ring Nozzle)



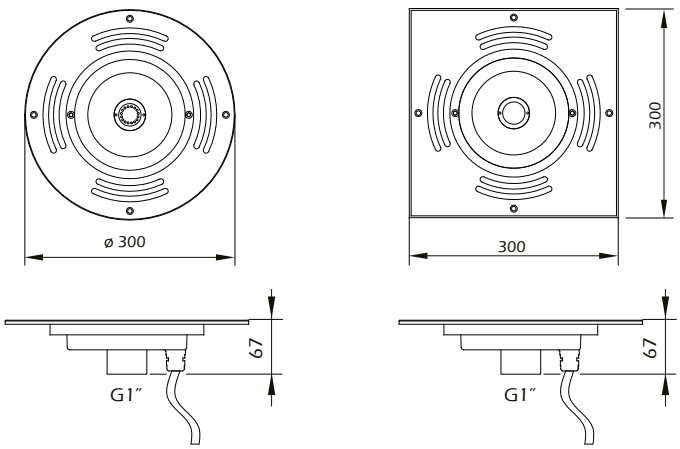
Atecpool installation diagram: Deck Jet



Nozzle mounted on paver



Dimensions



Rainbow Fountain
Deck Jet with WaterSwitch


ZDJWS25C


ZDJWS35S

Circular / Square Deck Jets with WaterSwitch

Flush mounted Deck Jet Nozzle in two shapes, Circular and Square. Nozzle assembly with 360 deg illuminating LED includes programmable (on-off) Waterswitch spray effect. LED-Nozzle assembly suitable for dry deck fountain where there is no visible water body but sprayed from nozzles and drained through grate cover surrounding the nozzle assembly.

Atecpool Deck Jet + WaterSwitch Specifications

- **Shape:** Circular or Square suspended Deck Jets with WaterSwitch
- **Deck Jet Construction:** AISI 316 Stainless Steel
- **WaterSwitch Construction:** ABS with AISI 316 stainless steel mount
- **Central Interchangeable Flush Nozzle:** Column Nozzle/Angle Ring Nozzle
- **LED Light Type:** Three Types
  Type 1: AYP36WW/CW (3000K/ 6000K)
  Type 2: AYP36RGB (RGB 3 in 1)
  Type 3: DMX182RGB (RGB 4 in 1)
- **Drain:** Pre-attached to nozzle assembly.
- **Fixing:** Designed for mount and anchored on paver.
- **LED light cable:** 3m STW 18AWG

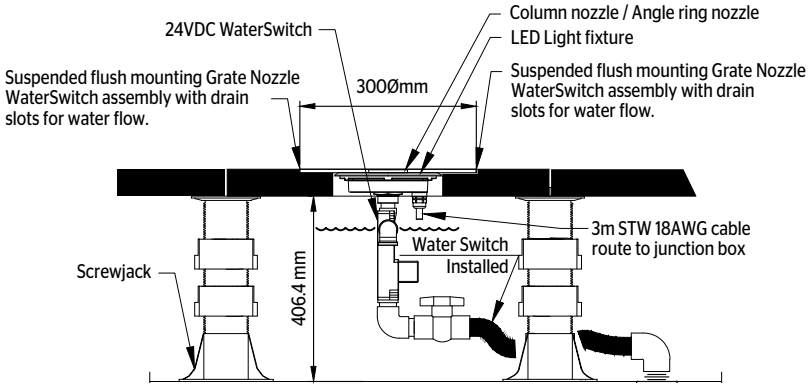
Deck Jet with WaterSwitch Column Nozzle ZDJWS25C / ZDJWS35S

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**	**4**	**4,5**	**5**
ZDJWS25C or ZDJWS35S	1"	LPM	33	40	46	50	56	61	69	72	75
		Head in mtr	6	8,5	11	13,5	14,5	18,5	23	25	26,5

Deck Jet with WaterSwitch Angle Ring Nozzle ZDJWS25C / ZDJWS35S

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**1**	**1,5**	**2**	**2,5**	**3**
ZDJWS25C or ZDJWS35S	1"	LPM	25	37	50	55	63	80
		Head in mtr	4	7	12	14	16	25

Atecpool installation diagram: Deck Jet + Water Switch



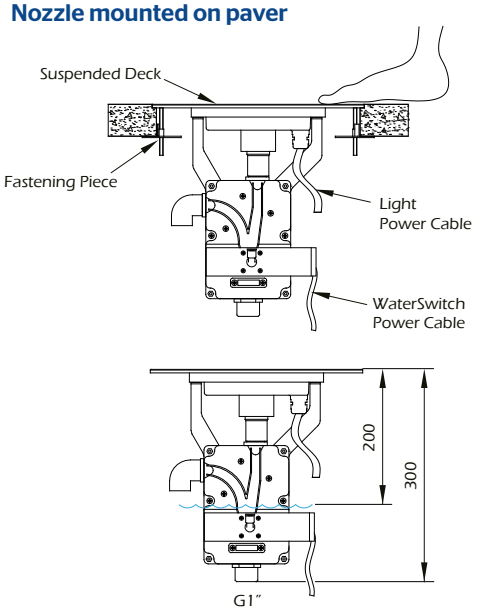
Performance of Deck Jet (Column Nozzle)



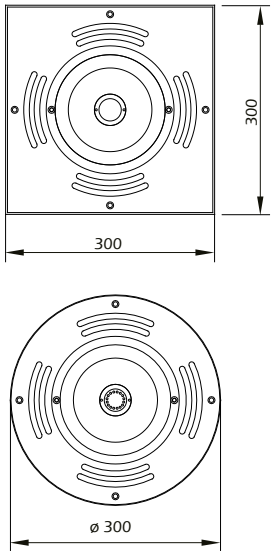

Performance of Deck Jet (Angle Ring Nozzle)




Nozzle mounted on paver



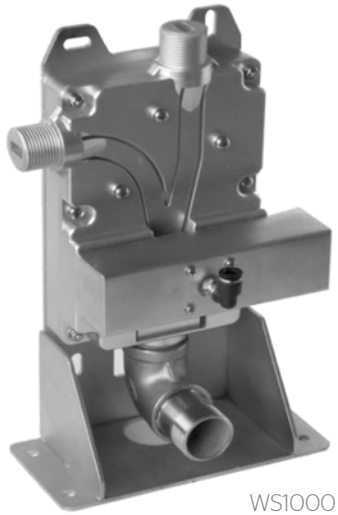
Dimensions



Rainbow Fountain
WaterSwitch

WS1000/ WS1500 WaterSwitch

WaterSwitch is a special shifter which can produce dynamic spray variation, designed and engineered for fast acting, electrically operated directional water changing assembly. WaterSwitch allows on-off programming of an attached spray nozzle. Interactive fountain displays with programmable WaterSwitch gives various harmonious water effects.



WS1000

WaterSwitch Specifications

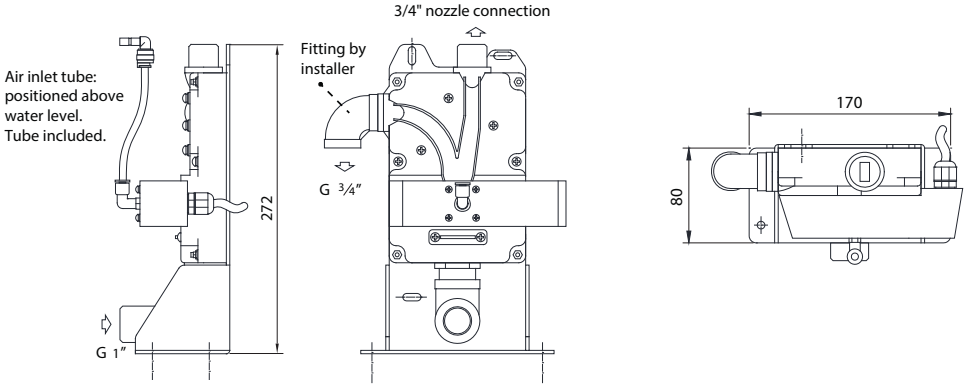
- Construction : ABS with AISI 316 stainless steel mount
- WS1000 with Inlet Connection 1" and two Discharge Connections of 3/4".
- WS1500 with Inlet Connection 1.5" and two Discharge Connections of 1.5".
- 24VDC 10W Solenoid valve, actuation speed up to 1 /12 second
- Can be mounted on ground or suspended on horizontal or vertical bracket
- 3 meter cable SJTOW 18AWG

Code	Description	Inlet	Outlet (2 nos)
WS1000	WaterSwitch 24VDC/10W	1"	3/4"
WS1500	WaterSwitch 24VDC/10W	1.5"	1.5"

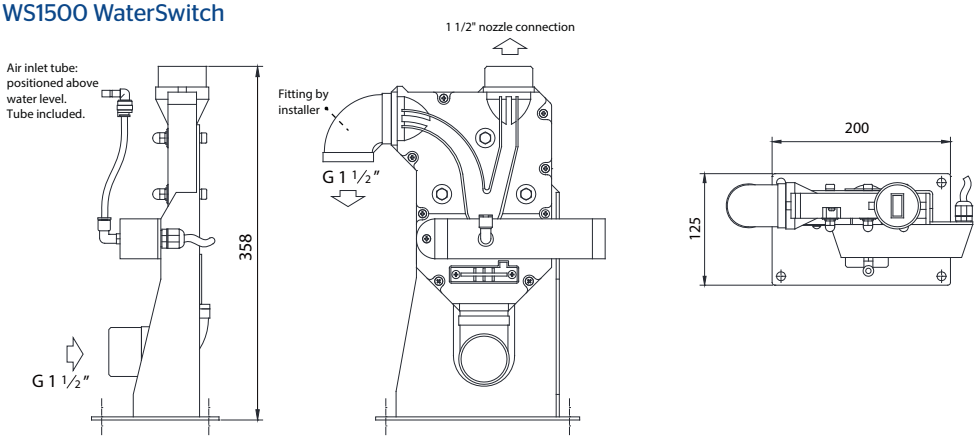
Characteristics	WS1000	WS1500
Rated voltage	24VDC	24VDC
Power Consumption	10W	10W
Power Cable	3m STW 18/ 3AWG	3m STW 18/ 3AWG
Switching Speed	1/12 seconds	1/12 seconds
Weight	2.9kg	3.8kg
Inlet connection	1"	1.5"
Outlet connection (2 nos)	3/4"	1.5"

Dimensions

WS1000 WaterSwitch



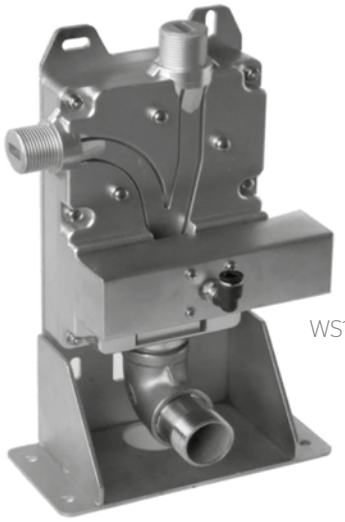
WS1500 WaterSwitch



Rainbow Fountain
WaterSwitch Assembly

WaterSwitch WS1000 Assembly

WaterSwich assembly requires nozzle, pump and control systems. Assembly can also include Ring Fountain LED. Fine screening of nozzles is required and mesh size of 0.4 mm or smaller required for debris removal at nozzle.



WS1000



WaterSwitch WS1000 with Finger Nozzle

			SPRAY HEIGHT (m)					
Code	**BSP. connection**	**Flow/Head**	**0,5**	**1**	**1,5**	**2**	**2,5**	**3**
ZR25	1"	LPM	24	35	50	55	60	70
		Pressure demand (Bar)	0,2	0,7	1,2	1,6	1,9	2,6



WaterSwitch WS1000 with Comet Nozzle

			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**1**	**1,5**	**2**	**3**	**4**	**5**	**6**
ZF 25-12	1 "	LPM	25	34	37	47	58	68	75
		Pressure demand (Bar)	0,5	0,6	0,8	1,2	1,8	2,4	3
ZF 40-13	1.5"	LPM	33	40	47	60	70	80	
		Pressure demand (Bar)	0,5	0,8	1,1	1,7	2,2	2,8	
ZF 40-16	1.5"	LPM	44	52	60	78			
		Pressure demand (Bar)	1	1,5	2	3			



WaterSwitch WS1000 with Foam Nozzle

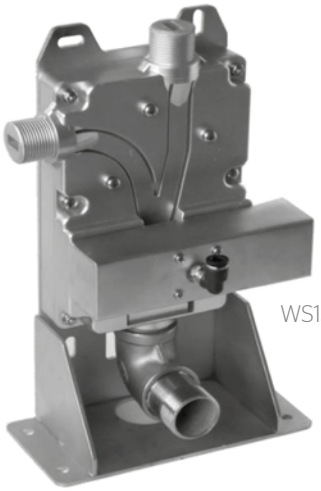
			SPRAY HEIGHT (m)							
Code	**BSP. connection**	**Flow/Head**	**0,5**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**	**4**
ZM 15	1/2"	LPM	21	33	40	46	52	59	65	70
		Pressure demand (Bar)	0,3	0,6	0,9	1,2	1,4	1,8	2,2	2,5
ZM 20	3/4"	LPM	26	37	44	50	55	63	78	
		Pressure demand (Bar)	0,4	0,7	1	1,4	1,7	2,1	3	
ZM 25	1"	LPM	42	60	70					
		Pressure demand (Bar)	1	2	2,6					

Rainbow Fountain
WaterSwitch Assembly

RAINBOW

WaterSwitch WS1500 Assembly

WaterSwich assembly requires nozzle, pump and control systems. Assembly can also include Ring Fountain LED. Fine screening of nozzles is required and mesh size of 0.4 mm or smaller required for debris removal at nozzle.



WS1500



WaterSwitch WS1500 with Annular Nozzle

			SPRAY HEIGHT (m)				
Code	**BSP. connection**	**Flow/Head**	**1**	**2**	**3**	**4**	**5**
ZA 25	1"	LPM			90	107	150
		Pressure demand (Bar)			1	1,3	2,2
ZA 40	1.5"	LPM		80	95	112	
		Pressure demand (Bar)		0,8	1,1	1,4	



WaterSwitch WS1500 with Comet Nozzle

			SPRAY HEIGHT (m)						
Code	**BSP. connection**	**Flow/Head**	**4**	**4,5**	**5**	**6**	**7**	**8**	**9**
ZF 40-13	1.5"	LPM	90	97	117	125	135	155	190
		Pressure demand (Bar)	1	1,1	1,5	1,7	1,9	2,3	3,4
ZF 40-16	1.5"	LPM	100	115	123	130	150	190	220
		Pressure demand (Bar)	1,25	1,5	1,6	1,85	2,15	3,4	4,2



WaterSwitch WS1500 with Foam Nozzle

			SPRAY HEIGHT (m)								
Code	**BSP. connection**	**Flow/Head**	**0,5**	**0,75**	**1**	**1,5**	**2**	**2,5**	**3**	**3,5**	**4**
ZM 20	3/4"	LPM						90	100	106	111
		Pressure demand (Bar)						1	1,1	1,2	1,4
ZM 25	1"	LPM		80	92	100	110	125	140	154	162
		Pressure demand (Bar)		0,8	1,1	1,3	1,5	1,7	1,9	2,3	2,7
ZM 40	1.5"	LPM	82	108	120	140	160	190			
		Pressure demand (Bar)	0,8	1,4	1,65	2	2,4	3,4			

Rainbow Fountain
Lighting

Fountain Ring LED - AYP Series



AYP27RGB



AYP36RGB

Atecpool Fountain Ring LED Lights - AYP Series

Atecpool AYP HP Series is the ultimate lighting solution for all animated fountains. The ring lights spot a G 1.5" threaded connection at its centre where a nozzle can be directly attached. With a 10mm thick tempered glass cover and a IK rating of 9, the underwater ring light is perfect fixture when used totally immersed in water fountains. AYP High Power Series lights can be programmed to dim, colour- change and synchronize to create infinite combinations of kaleidoscopic displays. Ideal for underwater usage.



Specifications

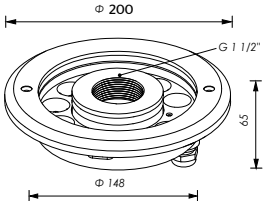
- Housing: Stainless Steel AISI 316 grade.
- Gasket: silicone gasket
- Light Window: step tempered glassT=10mm.
- Cable gland: IP-68 PG-11 copper with nickel-coated.
- IK rate: 09
- Power cable: 3m STW 18AWG
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity > 2.0w/mk
- Application environment: Water temp. between -20C° ~ 50C° less than 1 meter depth
- Underwater lighting fixture, to be submerged



AYP27 Specifications

Code	Description	Beam Angle	Input Voltage (V)	Power (W)	Lumen (lm)	Color Temperature
AYP27WW	AYP 9 LED Warm White	30°	12VAC	9x3	1880	3000K / Warm White
AYP27CW	AYP 9 LED Cool White	30°	12VAC	9x3	2120	6500K / Cool White
AYP27RGB	AYP 9 LED RGB	30°	24V DC	9x3	1450	RGB (3 in 1)

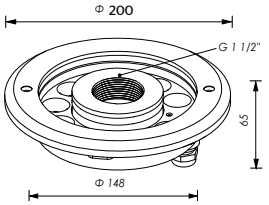
Dimension for AYP27RGB



AYP36 Specifications

Code	Description	Beam Angle	Input Voltage (V)	Power (W)	Lumen (lm)	Color Temperature
AYP36WW	AYP 12 LED Warm White	30°	12VAC	12x3	2600	3000K / Warm White
AYP36CW	AYP 12 LED Cool White	30°	12VAC	12x3	3300	6500K / Cool White
AYP36RGB	AYP 12 LED RGB	30°	24V DC	12x3	1750	RGB (3 in 1)

Dimension for AYP36RGB



Rainbow Fountain
Lighting

Fountain Ring LED - DMX Series



DMX182RGB

Atecpool Fountain Ring LED Lights - DMX Series

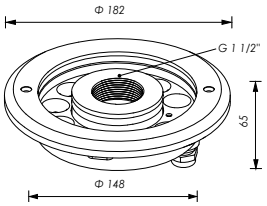
Atecpool DMX Series, DMX controlled light is the top end lighting solution for all animated fountains. The ring lights spot a G 1 1/2" threaded connection at its centre where a nozzle can be directly attached. With a 10mm thick tempered glass cover and a IK rating of 9, the underwater ring light is prefect fixture for dry deck fountains. DMX Series lights can be programmed with DMX512 / RDM signals to dim, colour- change and synchronize to create infinite combinations of kaleidoscopic displays.



Specifications

- Housing: Stainless Steel AISI 316 grade.
- Light Window: step tempered glass. T=10mm.
- Cable gland: IP-68 PG-11 copper with nickel-coated.
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity ≥ 2.0w/mk.
- Application environment: water temperature between -20C° ~ 50C° less than 1 meter depth.
- Power cable: 3m STW 18AWG
- IK rate: 9
- Signal type: DMX512/RDM signal

Dimension for DMX182RGB



Illuminance at a distance DMX182RGB

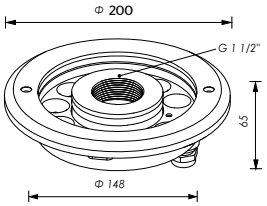
Distance (m)	Center Beam (LUX)	Angle	Beam Width (V)	Beam Width (H)
2m	1124.77 LUX		0.8m	0.8m
4m	281.19 LUX		1.6m	1.7m
6m	124.97 LUX		2.4m	2.5m
8m	70.30 LUX		3.3m	3.3m
10m	44.99 LUX		4.1m	4.1m
12m	31.24 LUX		4.9m	5.0m

Illuminance at a distance DMX200RGB

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

Code	Description	Beam Angle	Input Voltage (V)	Typical Operating Current (mA)	Typical Consumption (W)	Typical luminance (lm)	IK rate
DMX182RGB	DMX 6x4W RGBW 4in1 Full color	25°	24V DC	916	22	1127	9
DMX200RGB		25°	24V DC	916	22	1127	9

Dimension for DMX200RGB



Rainbow Fountain
Lighting

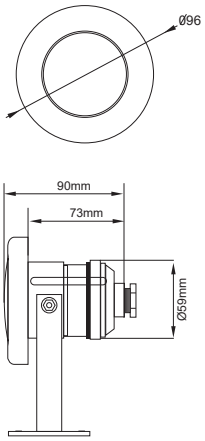
RAINBOW

Atecpool Lumina Fountain LED Panel Lighting S.S. 316

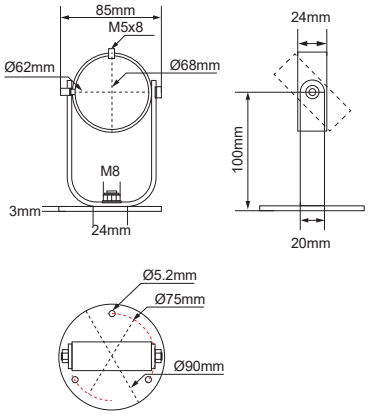
Lumina Fountain lighting in stainless steel AISI 316 construction. Supplied with S.S. Stand. Fully resin filled panel LED offering sixteen colour changing function in RGB mode. Light available in RGB, Cool White, Warm White and Blue colour options. RGB Lights are synchronized using Atecpool LED Modulators with remote control system. Maximum power consumption of 9W and can be connected to a 12V/AC transformer.



20555 RGB







LED Modulator



2 CORE connection -WITH REMOTE CONTROL-

Specifications

- Electrical Connection: 12V AC
- Complete with 2 core 2x1.0 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

Code	Model	Power / Voltage	Lumen (lm)	Color Temperature
20555RGB	Lumina Fountain LED S.S RGB	9W / 12V	400	RGB 16 Mode
20555CW	Lumina Fountain LED S.S Cool White	9W / 12V	720	6500K
20555WW	Lumina Fountain LED S.S Warm White	9W / 12V	640	2700K
20555B	Lumina Fountain LED S.S Blue	9W / 12V	220	Single Blue

Easy Colour Picker

Fast Return on Investment

International Safety Tested IEC EN 60598-2-18



Fountain Spot & XL Series LED
Stainless Steel 316

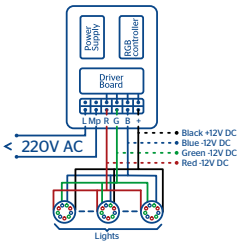
Atecpool Fountain LED Lights - Spot & XL Series

Ideal for use in fountains, ponds, cascades and illumination of water based landscape features. Construction in AISI 316 Stainless Steel. Waterproof IP68. Available in cool white, warm white, red, green, blue and RGB.

Specifications

- Driver: constant current output
- Single colour LED = 1 circuit output: RGB 3 in 1 LED=3 circuit output
- IP range: IP68
- Lifespan: > 50000 hrs
- Application environment: Temperature of water between 20°C - 40°C
- Power cable: H07RN-F 2X1.0 mm² L=3m (for single colour)H07RN-F 4X0.75 mm² L=3m (RGB)



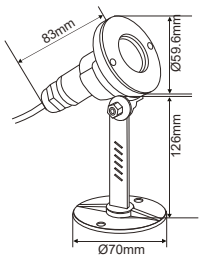


4 Core Modulator used only with RGB model

Fountain Spot LED Light



ATZ1573 CW

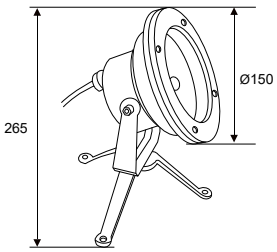


Code	Description	Power / Voltage	Lumen
ATZ1573 CW	Fountain Spot LED Cool White	1x3W / 12V AC	280
ATZ1574 WW	Fountain Spot LED Warm White	1x3W / 12V AC	190
ATZ1575 R	Fountain Spot LED Red	1x3W / 12V AC	60
ATZ1575 G	Fountain Spot LED Green	1x3W / 12V AC	80
ATZ1575 B	Fountain Spot LED Blue	1x3W / 12V AC	55
ATZ1578 RGB	Fountain Spot LED RGB	1x3W / 24V DC	145

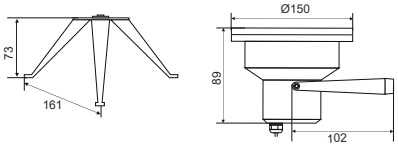
Fountain XL 6 LED Light



ATZ1577 CW



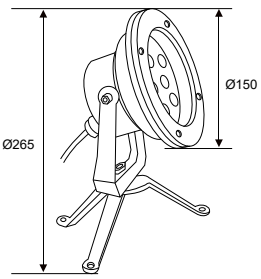
Code	Description	Power / Voltage	Lumen
ATZ1577 CW	Fountain 6 LED XL Series Cool White	6x3W / 12V AC	1750
ATZ1578 WW	Fountain 6 LED XL Series Warm White	6x3W / 12V AC	1400
ATZ1579 R	Fountain 6 LED XL Series Red	6x3W / 12V AC	440
ATZ1579 G	Fountain 6 LED XL Series Green	6x3W / 12V AC	470
ATZ1579 B	Fountain 6 LED XL Series Blue	6x3W / 12V AC	380
ATZ1580 RGB	Fountain 6 LED XL Series RGB	6x3W / 24V DC	925



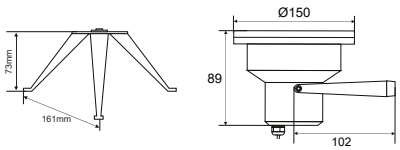
Fountain XLS 9 LED Light



ATZ1581 CW



Code	Description	Power / Voltage	Lumen
ATZ1581 CW	Fountain 9 LED XLS Series Cool White	9x3W / 12V AC	2100
ATZ1582 WW	Fountain 9 LED XLS Series Warm White	9x3W / 12V AC	1880
ATZ1583 R	Fountain 9 LED XLS Series Red	9x3W / 12V AC	680
ATZ1583 G	Fountain 9 LED XLS Series Green	9x3W / 12V AC	770
ATZ1583 B	Fountain 9 LED XLS Series Blue	9x3W / 12V AC	660
ATZ1584 RGB	Fountain 9 LED XLS Series RGB	9x3W / 24V DC	1450



Fountain CL & CLS Series LED
Stainless Steel 316

RAINBOW

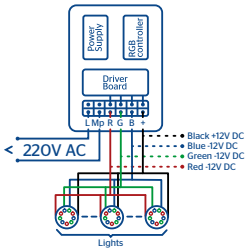
Atecpool Fountain LED Lights - CL & CLS Series

Ideal for use in fountains, ponds, cascades and illumination of water based landscape features. Construction in AISI 316 Stainless Steel. Waterproof IP68. Available in cool white, warm white, red, green, blue and RGB.

Specifications

- Driver: constant current output
- Single colour LED = 1 circuit output: RGB 3 in 1 LED=3 circuit output
- IP range: IP68
- Lifespan: > 50000 hrs
- Application environment: Temperature of water between 20°C - 40°C
- Power cable: H07RN-F 2X1.0 mm² L=3m (for single colour) H07RN-F 4X0.75 mm² L=3m (RGB)



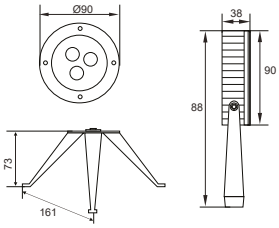


4 Core Modulator used only with RGB model

Fountain CL 3 LED Light



ATZ1595 CW

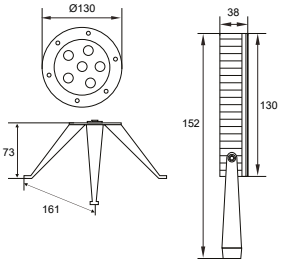


Code	Description	Power / Voltage	Lumen
ATZ1595 CW	Fountain CL 3 LED Cool White	3x3W / 12V AC	720
ATZ1596 WW	Fountain CL 3 LED Warm White	3x3W / 12V AC	640
ATZ1597 R	Fountain CL 3 LED Red	3x3W / 12V AC	345
ATZ1597 G	Fountain CL 3 LED Green	3x3W / 12V AC	390
ATZ1597 B	Fountain CL 3 LED Blue	3x3W / 12V AC	280
ATZ1598 RGB	Fountain CL 3 LED RGB	3x3W / 24V DC	450

Fountain CL 6 LED Light



ATZ1585 CW

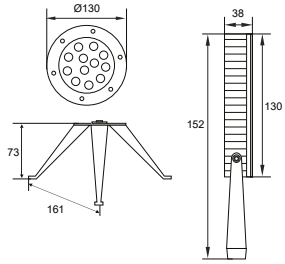


Code	Description	Power / Voltage	Lumen
ATZ1585 CW	Fountain CL 6 LED Cool White	6x3W / 12V AC	1750
ATZ1586 WW	Fountain CL 6 LED Warm White	6x3W / 12V AC	1400
ATZ1587 R	Fountain CL 6 LED Red	6x3W / 12V AC	440
ATZ1587 G	Fountain CL 6 LED Green	6x3W / 12V AC	470
ATZ1587 B	Fountain CL 6 LED Blue	6x3W / 12V AC	380
ATZ1588 RGB	Fountain CL 6 LED RGB	6x3W / 24V DC	925

Fountain CLS 12 LED Light



ATZ1589 CW



Code	Description	Power / Voltage	Lumen
ATZ1589 CW	Fountain CLS 12 LED Cool White	12x3W / 12V AC	3300
ATZ1590 WW	Fountain CLS 12 LED Warm White	12x3W / 12V AC	2600
ATZ1591 R	Fountain CLS 12 LED Red	12x3W / 12V AC	880
ATZ1591 G	Fountain CLS 12 LED Green	12x3W / 12V AC	950
ATZ1591 B	Fountain CLS 12 LED Blue	12x3W / 12V AC	790
ATZ1592 RGB	Fountain CLS 12 LED RGB	12x3W / 24V DC	1750

Fountain CLX HP Series LED
Stainless Steel 316



CLX36W

Atecpool Fountain LED Lights - CLX HP Series

Atecpool CLX HP stand spot light series offers unparallel flexibility to match your creativity. The sturdy tripod design does not topple easily even when water movement is very agitated. The CLX HP Series comes in 12x3W (single color) and 6x5W (RGB) to suit a wide variety of applications and can be programmed to dim, colour-change and synchronize to create infinite combinations of kaleidoscopic displays.

Atecpool Fountain LED Lights - CLX HP Series Specifications

- Housing: Stainless Steel AISI 316
- Front cover: hard chrome plated stainless steel AISI 316
- Light Window: PMMA 8mm
- Gasket: silicone gasket
- Cable gland: IP-68 PG-11 copper with nickel-coated
- PCB: excellent heat conductivity aluminum, coefficient of heat conductivity ≥2.0w/mk
- Application environment: temperature of water between -20º~50ºC less than 1 meter depth
- Power cable: 3m STW 18AWG



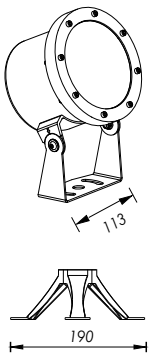


Illuminance at a distance CLX36W

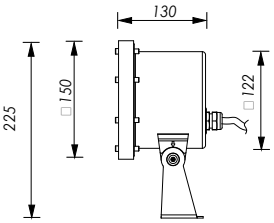
Distance (m)	Center Beam (LUX)	Angle	Beam Width (V)	Beam Width (H)
2m	2082.77 LUX		1.0m	0.9m
4m	520.69 LUX		1.9m	1.9m
6m	231.42 LUX		2.9m	2.8m
8m	130.17 LUX		3.9m	3.8m
10m	83.31 LUX		4.9m	4.7m
12m	57.85 LUX		5.8m	5.6m

Illuminance at a distance CLX30RGB

Distance (m)	Center Beam (LUX)	Angle	Beam Width (V)	Beam Width (H)
2m	508.05 LUX		1.1m	1.1m
4m	127.01 LUX		2.0m	2.1m
6m	56.45 LUX		3.2m	3.2m
8m	31.75 LUX		4.3m	4.2m
10m	20.32 LUX		5.3m	5.3m
12m	14.11 LUX		6.4m	6.3m



Type	Power	Beam Angle	Input Voltage (V)	Typical Operating Current (mA)	Typical Consumption (W)	Typical luminance (lm)	IK rate
CLX36W	12x3W	30º	24V DC	1600	38.4	Cool White: 3031 Warm white: 2668	10
CLX30RGB	6x5W RGB 3 in 1	30º	24V DC	1600	38.4	835	10



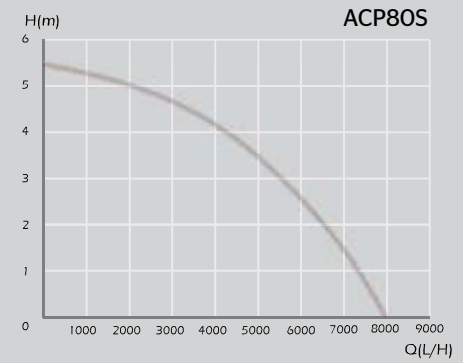
Rainbow Fountain
Controllable Submersible Pump

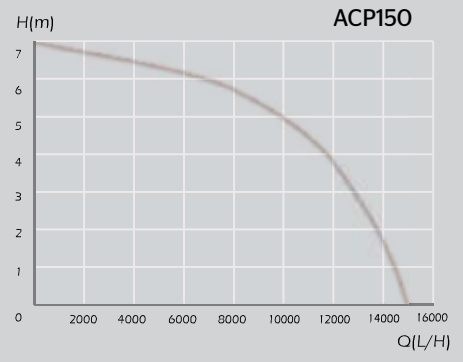


Atecpool Controllable Submersible Pump Specifications

- **Quiet and high efficient:** Brushless DC motor driven water pump, high efficient design of volute and impeller.
- **Dry running protection:** If pump is running without water, it will stop automatically to prevent failure from wear.
- **Over hear protection:** Pump will stop running if the motor temperature is high.
- **Over current protection:** To prevent motor failure from shorten.
- **DMX signal:** to control pump speed. Input DMX signal to control pump stop or start and adjust speed.
- **Stand-by model:** of lowest speed. Pump is run at lowest speed.
- **IP68**, submersible. Install submersed.
- **FOC driver precisely:**, provides stable speed control
- **0.6 second speed ramp from stand-by mode to max speed:** Fastest speed reaction to ensure better fountain sense.

Performance curves





Example of application

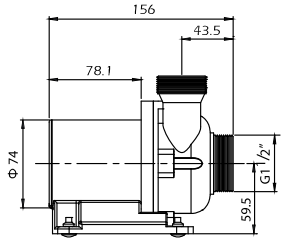


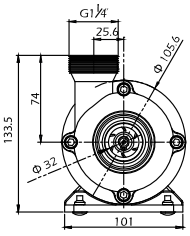
Code	Voltage	Power	Max Speed	Controlled by
ACP80S	24VDC	80W	3000rpm	DMX
ACP150	24VDC	150W	3000rpm	DMX

Pumps ACP80S and ACP150 work with 1" comet nozzle.

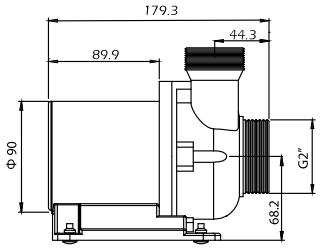
Pumps Dimensions

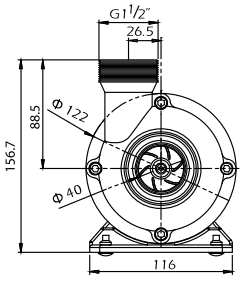
ACP80S





ACP150

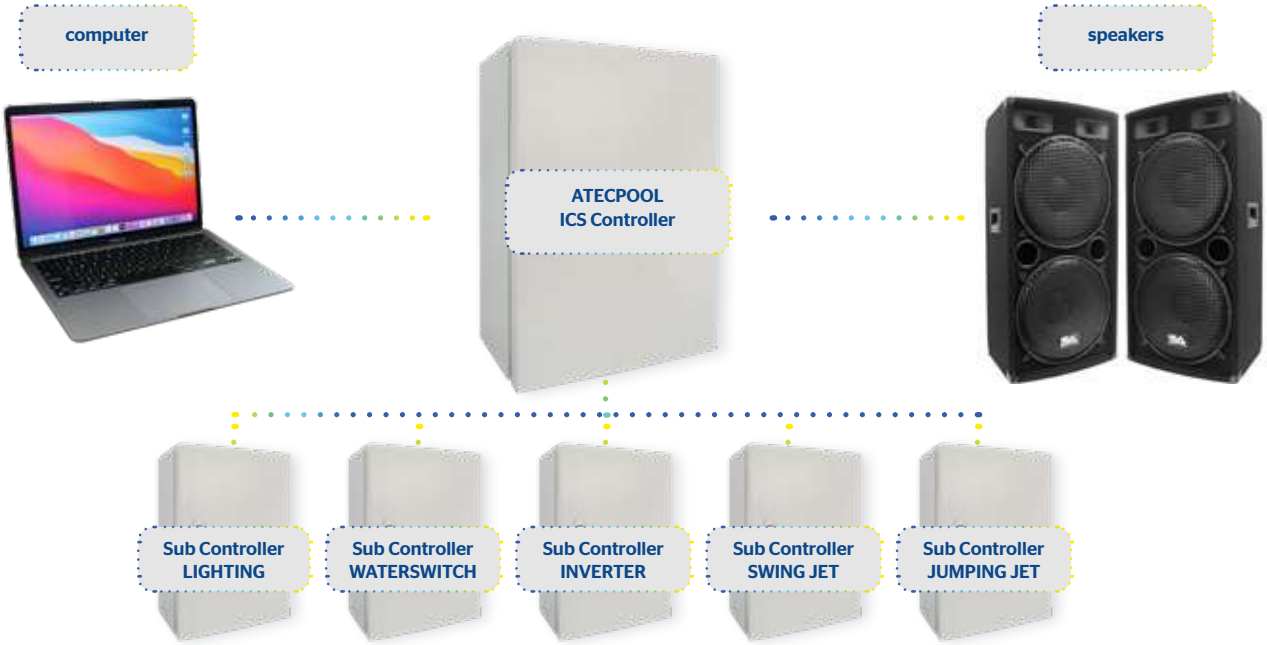




Controllable Submersible Pump

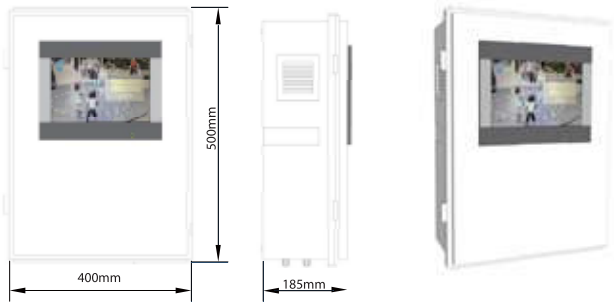
Characteristics	ACP80S	ACP150
Motor type	BLDC	BLDC
Control Signal	DMX	DMX
Q max	7000 l/h	13000 l/h
H max	5m	7m
Speed from 0% ~ 100%	0.6s	0.6s
Working Voltage	DC24V	DC24V
Max Immersion depth	1m	1m
Protection class	IP68	IP68
Max Power Input	80W	150W
Suction side connection	G1 1/2"	G2"
Outlet connection	G1 1/4"	G1 1/2"
Pump housing	Plastic	Plastic
Ambient temperature	less than 50°C	less than 50°C
Cable for DMX input	1.5m RVV 3x0.5 mm²	1.5m RVV 3x0.5 mm²
Cable for DMX output	1.5m RVV 3x0.5 mm²	1.5m RVV 3x0.5 mm²
Cable for pump	3m H05RN-F 3x0.5 mm²	3m H05RN-F 3x0.5 mm²
Cable for power input	1.5m H05RN-F 2x0.75 mm²	1.5m H05RN-F 2x0.75 mm²

Rainbow Fountain
Controls - ICS (Integrated Control System)



Integrated Control System	ICS1024M	ICS1024	ICS1024M-2	ICS512-2
Dimensions (LxWxH)	400x185x500 mm		400x185x500 mm	
Weight	10.2 kg		10.2 kg	
Housing	ABS		ABS	
Protection Class	IP20		IP20	
Backup battery	3V lithium battery CR2032 x 1		-	
Backup battery life	3 years at 25°C may vary depending on usage and temp.		-	
Storage temperature	0-50°C		0-50°C	
Operation temperature	0-40°C / 0-80°C humidity non-condensed		0-40°C / 0-80°C humidity non-condensed	
Power Supply	220V AC		220V AC	
Outputs	16 x Digital out		8 x Digital out	
Inputs	16 x Digital in		12 x Digital in	
Memory	Micro SD-card for show files		Micro SD-card for show files	
Operation	(Human Machine Interface)		(Human Machine Interface)	
Audio	Yes	----	Yes	----
Standalone shows	ARC-stream file & audio file		WDS file	
Interface	2x512DMX channels for ICS1024M / ICS1024		2x512DMX channels for ICS1024M-2 / 1x512DMX channel for ICS512-2	
Scheduler	General 10 nos. / Special 1 no.		General 10 nos. / Special 1 no.	
Action manager & monitor	Event actions: digital inputs can be linked with actions (water level) and monitor		Event actions: digital inputs can be linked with actions (water level) and monitor	
Software	Windows XP or better		Windows 7 or better	

Controller Dimensions



Rainbow Fountain
Controls - DMX & RDM







N:Nano 512 / N:Nano 1024 Music

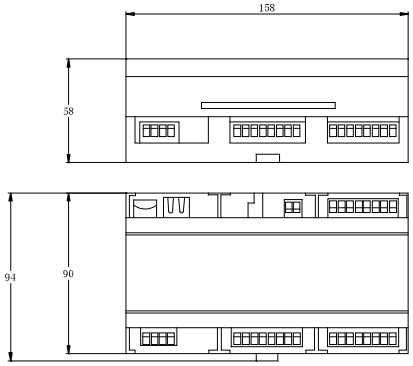
Atecpool rolls out its new DIN-rail fanless embedded systems with extra low power CPU chipset, the Nano 512 and Nano 1024 music. Compact unit supports wide temperature range and features DMX 512/1990 ports, isolated Ethernet port 10/100 Mbit, Micro SD card slot, 2x 16 LCD segment display.
Its 8 x digital and 8 x analog I/O makes this unit the perfect tool for all stand alone fountain multimedia show Installations.The DIN-rail hardware family is compatible to all Depence architect or ultimate versions.
Show Upload can be done via SD Card or local network.Windows Remote Live Panel Software and Service tools will be shipped with this package as well.

N:Nano 512 / N:Nano 1024 Music Controllers Specifications

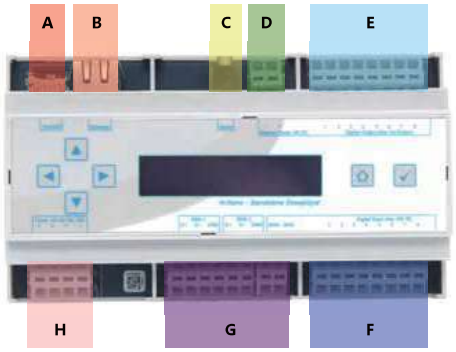
- Standalone Multimedia Showplayer.
- 512 1024 DMX output channels.
- Audio Output(N:Nano 1024 only).
- Time Schedule with internal clock.
- Show upload via MicroSD-Card or Ethernet.
- 8x Digital Input and 8x Digital Output.
- DIN-Rail mounting.
- Live-Panel functionality via Remote Software.
- Easy to use front panel setup.
- ArtNET Node functionality.

ATECPOOL DMX & RDM Controllers	N:Nano 512	N: Nano 1024 Music
Dimensions (LxWxH)	160x90x58 mm	
Weight	0.33 kg	
Housing	Polycarbonate light grey/white/blue for top-hat rail mounting	
Protection Class	IP20	
Power supply	15..24V DC / 8W	
Operation temperature	0-40°C / 0-80°C humidity non-condensed	
Certification	CE	
Outputs	DMX 512/1990 512 channel 8xdigital out (clamps 24V DC/ 1A max, optically isolated)	DMX 512/1990 1024 channel 8xdigital out (clamps 24V DC/ 1A max, optically isolated) 1 x Stereo Audio (3,5mm jack plug, galvanic isolated)
Inputs	8 x digital In (clamps 24V DC, optically isolated)	
Other connections	Ethernet RJ45 10/ 100Mbit)	
Memory	MicroSD-card	
Operation	2x16 segment LCD Display with 6 keys	

Dimensions



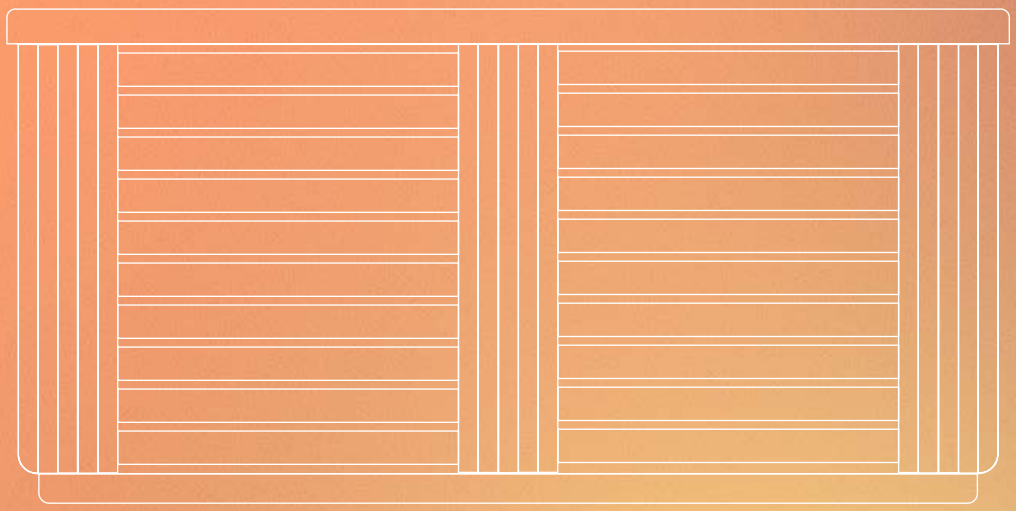
Slots



- A: Micro SD Card Slot (4GB included)
- B: Ethernet 10/100 Mbit-update shows, remote control
- C: Audio output 3.5 mm jack plug (only N:Nano 1024 Music)
- D: External power 24V DC
- E: 8xdigital output max 1A/output
- G: DMX512/1990 (N:Nano512 - 512 channel / N:Nano 1024 Music -1024 channel)
- H: Power input 15-24V DC, 8W

ATECPOOL

WELLNESS



ATECPOOL
INTERNATIONAL
GROUP

Inspired by Water



WELLNESS

ATECPOOL INTERNATIONAL GROUP

Wellness



Steam and Sauna from **helo**

Simplicity is a Good Thing

We have trail-blazed the sauna industry for almost one hundred years. The time has come to introduce the only multilayered sauna experience on the market. A new dimension in modern sauna solutions. A new dawn in sauna engineering. Try the new BWT, Bio Water Technique from Helo.

Atecpool Spa Royal Collection

The key to Wellness

Based on our 30 years experience in the creation of modern swimming pool techniques and the whirlpool equipment, as the expert on the European market, it is our pleasure to present our newest collection of highly advanced portable spas and In-ground spas.

TyloHelo
Sauna Rooms

TyloHelo Sauna





Corner
Aspen



Corner with glazed section
Aspen



Square
Alder



Square with glazed section front
Alder



Square with glazed section side
Aspen



Square with glazed section front & side
Aspen



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

Aspen



Alder



Hemlock



Pine



Premium Log Spruce

TyloHelo
Sauna Rooms

TyloHelo Premium Saunas Interior Styling

Harmony interiors are available in a number of different designs and are made to match the style of your Harmony. Your sauna room can be designed to custom standards by choosing from several types of wood and designs.

Classic

The Classic range of solid Aspen, Alderwood or Thermo Alder sauna interior is available in pre-cut measurements or may be cut to individual preferences. The range includes benches and back rests with available skirting and siding for a complete and finished look.





Classic Slim

Classic Slim sauna interiors in Aspen, Alderwood or Thermo Alder are available in pre-cut measurements but may be cut to individual requirements for custom builds. The range includes benches and back rests with available skirting and siding for a complete and finished look.

Classic Wide

The Classic Wide range of American Tulip, Aspen, Alder or Thermo Alderwood.The sauna interior is available in custom measurements as flex interior. The range includes benches and back rests.





Panorama Interior

The Panorama range of sauna benches with the overlapping design are made of Aspen, Alder and Thermo Alder and are available in custom measurements as flex interior.

TyloHelo
Sauna rooms





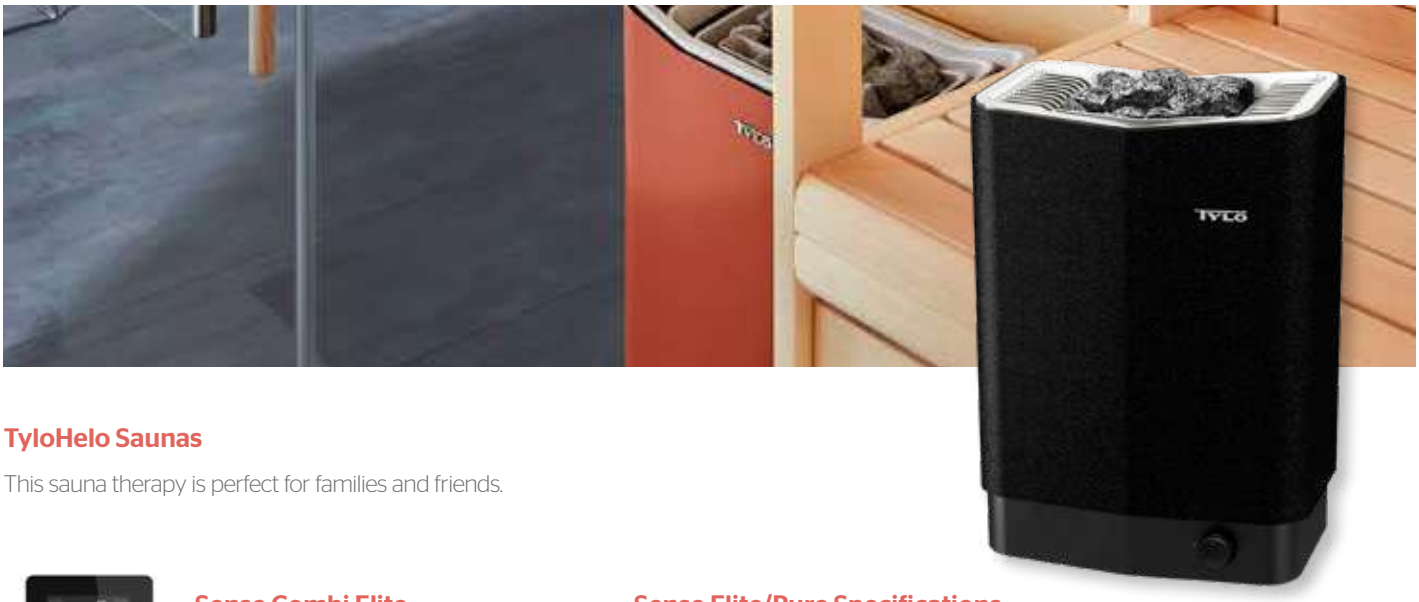




TyloHelo
Sauna Heaters

Soft Sauna. Lower temperature, higher humidity

Stay longer in the sauna. Lower the temperature and immerse yourself in warm steam. Keep the room temperature at a mild 45–65 °C and increase humidity to 30–65% to create that perfect soft sauna climate. This sauna therapy is perfect for families and friends.



TyloHelo Saunas

This sauna therapy is perfect for families and friends.



Sense Combi Elite

Gives a quicker heat up time and lets you set the exact percentage of humidity for full control. Local Wifi connectivity for maximum advantage and comfort is included.



Sense Combi Pure

Comes with the standard digital touch control panel for ease of use and convenience. Let you set temperature and time.

Sense Elite/Pure Specifications

- 6.6 kW - for sauna volume 4–8 m³
  8 kW - for sauna volume 6–12 m³
  10.5 kW - sauna volume 10–18 m³
- Offers both dry, wet and steam sauna (Soft Sauna).
- Choose either control panel Elite or Pure for your Combi heater. The control panel is included in the price.



Sense Sport 2/4

- 2.2 kW - for sauna volume 2–2,5 m³
  4.5 kW - for sauna volume 2–4 m³
- Offers a classic dry sauna.
- Has a built-in control panel.
- Suitable for domestic use..



Sense Sport Combi 4

- 4.5 kW - for sauna volume 2–4 m³
- Offers both dry, wet and steam sauna (Soft Sauna).
- Has a built-in control panel
- .Suitable for domestic use.



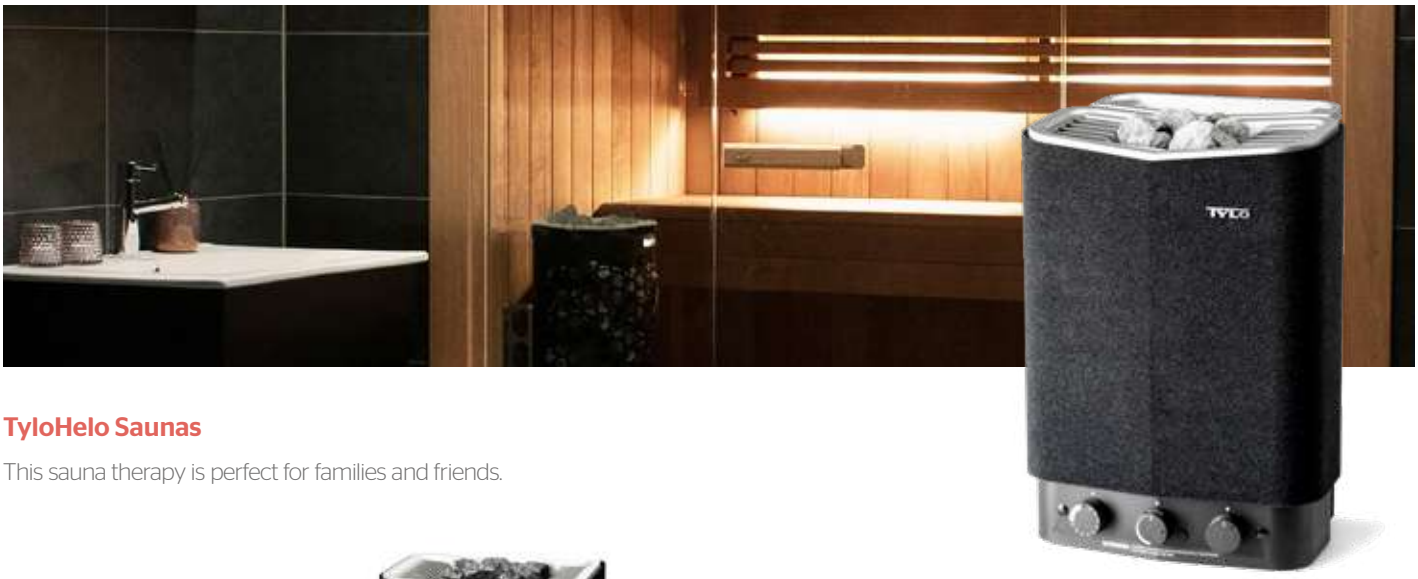
Sense Sport

- 6.6 kW - for sauna volume 4–8 m³
- 8 kW - for sauna volume 6–12 m³
- Offers a classic dry sauna.
- Control panel with thermostat and mechanical timer integrated into the base of the heater.
- Suitable for domestic use.

TyloHelo
Sauna Heaters

Soft Sauna. Lower temperature, higher humidity

Stay longer in the sauna. Lower the temperature and immerse yourself in warm steam. Keep the room temperature at a mild 45-65 °C and increase humidity to 30-65% to create that perfect soft sauna climate.



TyloHelo Saunas

This sauna therapy is perfect for families and friends.



Sense Commercial

- 6.6 kW - For sauna volume 4-8 m³
  8 kW - For sauna volume 6-12 m³
  10.7 kW - For sauna volume 10-18 m³
  16 kW - For sauna volume 15-35 m³
  20 kW - For sauna volume 22-43 m³
- Offers a classic dry sauna in public settings.
- Add control panel Elite together with relay box Commercial / Commercial Lite.
- Suitable for commercial use



reddot design award

Expression

- 10 kW for sauna volume 10-18 m³
- Offers a classic dry sauna.
- Add control panel Elite or Pure with Relay Box Commercial Lite.
- Suitable for domestic and commercial use.

Expression Combi

- 10 kW - For sauna volume 10-18 m³.
- Offers both dry, wet and steam sauna (Soft Sauna).
- H2 control panel and relay box RB45 are included in the price.
- Suitable for domestic and commercial use.

Available colours:

Copper | Champagne | Black | Black Thermosafe

TyloHelo
Sauna Heaters - buying guide

Home electric sauna heaters

Model	Code	Output	Sauna volume	Min. distance to side wall	Min. ceiling height	Suitable control panel	Weight heater + rocks	Height	Width	Depth	Installation
		kW	m³	mm	mm		kg	mm	mm	mm	
Sense Sport 2/4	62202020	2.2-4.5	2-4	20	1900	Built-in	9.3+7	480	348	214	Wall mounted
Sense Sport Combi 4	62202060	4.5	2-4	20	1900	Built-in	13.4+7	490	348	274	Wall mounted
Sense Sport 6	61001330	6.6	4-8	110	1900	Built-in	17+20	559	431	375	Wall mounted or floor standing*
Sense Sport 8	61001332	8	6-12	110	1900	Built-in	17+20	559	431	375	Wall mounted or floor standing*
Sense Pure 6	61001344	6.6	4-8	110	1900	Pure included	17+20	559	431	375	Wall mounted or floor standing*
Sense Pure 8	61001346	8	6-12	110	1900	Pure included	17+20	559	431	375	Wall mounted or floor standing*
Sense Pure 10	61001348	10.5	10-18	110	1900	Pure included	17+20	559	431	375	Wall mounted or floor standing*
Sense Elite 6	61001338	6.6	4-8	110	1900	Elite included	17+20	559	431	375	Wall mounted or floor standing*
Sens Elite 8	61001340	8	6-12	110	1900	Elite included	17+20	559	431	375	Wall mounted or floor standing*
Sense Elite 10	61001342	10.5	10-18	110	1900	Elite included	17+20	559	431	375	Wall mounted or floor standing*
Sense Combi Pure 6	61001356	6.6	4-8	110	1900	Pure included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Pure 8	61001358	8	6-12	110	1900	Pure included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Pure 10	61001360	10.5	10-18	110	1900	Pure included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Elite 6	61001350	6.6	4-8	110	1900	Elite included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Elite 8	61001352	8	6-12	110	1900	Elite included	23+20	559	431	375	Wall mounted or floor standing*
Sense Combi Elite 10	61001354	10.5	10-18	110	1900	Elite included	23+20	559	431	375	Wall mounted or floor standing*
Expression 10 Black	61001000	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*
Expression 10 Champagne	61001003	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*
Expression 10 Copper	61001006	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*
Expression 10 Black Thermosafe	61001120	10	10-18	200	1900	Pure or Elite with relay box Commercial Lite	29+12	730	500	200	Floor standing*

Professional electric sauna heaters

Model	Code	Output	Sauna volume	Min. distance to side wall	Min. ceiling height	Suitable control panel	Weight heater + rocks	Height	Width	Depth	Installation
		kW	m³	mm	mm		kg	mm	mm	mm	
Sense Commercial 6	61001334	6.6	4-8	110	1900	Pure or Elite with relay box Commercial Lite	16+20	559	431	375	Wall mounted or floor standing*
Sense Commercial 8	61001336	8	6-12	110	1900	Pure or Elite with relay box Commercial Lite	16.5+20	559	431	375	Wall mounted or floor standing*
Sense Commercial 10	61001090	10.7	10-18	150	1900	Pure or Elite with relay box Commercial Lite	32+25	650	650	400	Wall mounted
Sense Commercial 16 3x400V	61001092	16	15-35	150	2100	Pure or Elite with relay box Commercial	32+25	650	650	400	Wall mounted
Sense Commercial 20 3x400V	61001094	20	22-43	150	2100	Pure or Elite with relay box Commercial	32+25	650	650	400	Wall mounted

* Feet for floor standing need to be bought separately.



Relay Box Commercial Lite/Commercial

Relay Box Commercial Lite is designed for control together with the control panels Elite or Pure and is suitable for sauna heaters Expression and Sense Commercial up to 10.7kW.
Relay Box Commercial for heater capacities 16-20kW

Code	Description
71016014	Relay box Commercial Lite
71016012	Relay box Commercial

TyloHelo
Sauna Heaters



Helo Cup Sauna Heater



Reliable and safe Cup sauna heaters are an excellent choice for traditional Finnish type sauna. These compact wall mounted heaters are designed for domestic small and mid-size sauna rooms. They are easy to assemble and easy to use with builtin timer and thermostat or with separate control unit. With the timer you can pre-select the time when you want the heater to be turned on, max. 9 hours beforehand. The running time is max 3 hours. CUP D require separate control unit while CUP STJ heater comes with built-in thermostat and a timer 9+3 hrs.

Code	Power	Sauna size	Dimensions (mm)			Stones	Mounting	Safety distances (mm)				
	kW	m^3	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

Control Unit for CUP D heater : Elite or Pure Control with relay box (WE40)

Helo SKLE Professional Electric Heater



SKLE are suitable for saunas sized from 8 – 46 m3. Designed for commercial sauna rooms, Helo SKLE heaters are robust, easy to maintain and their 60 kg of stones create an attractively soothing sauna climate. Helo SKLE is used with separate control panel.

Code	Power	Sauna size	Dimensions (mm)			Stones	Mounting	Safety distances (mm)				
	kW	m^3	W	H	D	kg		Side	Front	Behind	Ceiling	Floor
SKLE 1051	10.5	9 - 15	510	700	475	60	Floor	140	160	160	1400	-
SKLE 1201	12	10 - 18	510	700	475	60	Floor	140	160	160	1400	-
SKLE 1501	15	14 - 24	510	700	475	60	Floor	140	160	160	1500	-

Control Unit for SKLE heater : Elite or Pure Control with relay box (WE40)



Helo SKLA Professional Electric Heater

The heater is freestanding and available in a variety of models to suit different business needs. Helo SKLA is specially engineered for larger commercial saunas that require durable, powerful and cost-efficient heaters - without compromising on the rich steam and soothing sauna atmosphere. The Helo SKLA heaters accommodate 120 kg of rocks, ensuring a genuinely ideal sauna climate for guests.

Code	Power	Sauna size	Dimensions			Stones	Mounting	Safety distances (mm)				
	kW	m^3	W	H	D	kg		Side	Front	Behind	Ceiling	Floor
SKLA 181	18	18 - 30	880	700	510	120	Floor	80	80	110	1200	-
SKLA 210	21	24 - 36	880	700	510	120	Floor	80	80	110	1200	-
SKLA 260	26	30 - 46	880	700	510	120	Floor	120	120	120	1400	-

Control Unit for SKLA heater : Elite or Pure Control with relay box (WE50)

TyloHelo
Sauna Accessories

TyloHelo Sauna Accessories



Heater guard

Wall mounted heater guard

6.6-8 kW. Code: 90001002

10.7-20 kW. Code: 90001012

Ventilation Hatch B

Fits over the air outlet inside the sauna to regulate air flow.
Size: 14 x 37.5 cm.
Code: 90181036



Ventilation Grille B

Size: 14x22 cm.
Code: 90181040



Sauna Wood -Treatment Oil

For treating benches and other wood surfaces in the sauna. Covers approx. 6m². Code: 90022050



Fixed Headrest

Headrest made of narrow wooden slats.
Size: 37.5x27x8cm.
Alder: code 90081016
Aspen: code 90081014



Adjustable Sauna Headrest

Height adjustable.
Size: 42.5x37.5x7cm.
Alder: code 90081012
Aspen: code 90081010





Strip package

Contains three strips of light aspen, measuring 12 x 43 x 2400 mm. Suitable as a door lining, internal or external ceiling strip, etc. Code: 91031575



Threshold

Suitable for DGB and DGL doors with door widths 7 and 8. Size: 30 x 92 mm.

DGL/DGB width 7 Pine. Code 91031560

DGL width 7 Aspen. Code 91031561

Broad DGB width 8 Pine. Code 91031565

DGL width 8 Aspen. Code 91031566

Foot for Sense

Foot for all Sense sauna heaters. Color black.
Sense 6/8/10. Code: 90001060
Sense Combi 6/8/10. Code: 90001061



Steam distributor commercial

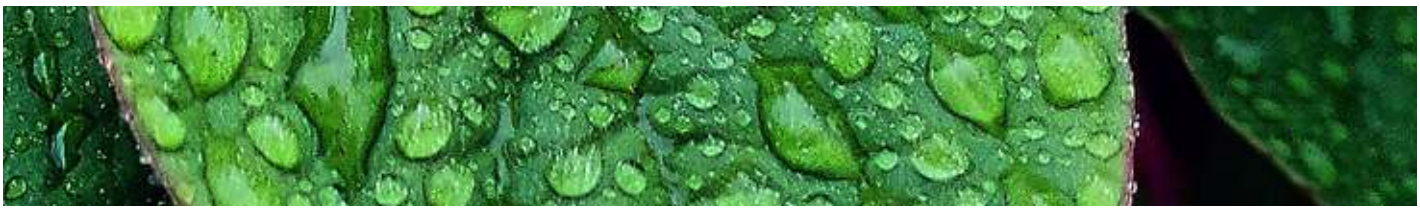
The Tylo Steam Distributor Commercial improves the distribution of steam in your sauna room. Specially designed for the sauna heater Sense Commercial 10-20kW.

Code: 90029263



TyloHelo
Sauna Accessories

TyloHelo Sauna Accessories



Add a fragrance to your sauna to stimulate your senses. Peppermint and citrus pick your moods up, eucalyptus is refreshing and helps against colds, lavender has a relaxing effect.



Essential Oils

100% essential oils. Release invigorating scents in your sauna. 10 ml/bottle.

Eukalyptus: Code: 90024080

Peppermint: Code: 90024084

Lavender: Code: 90024082

Citrus: Code: 90024086

Fragrance Collection, 4-PACK 10 ml/bottle. Code: 90024100



Essential Oils

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

Eukalyptus: Code: 90024040

Peppermint: Code: 90024044

Lavender: Code: 90024042

Citrus: Code: 90024046



Concentrated Fragrances

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

Eukaliptus: code 90024060

Peppermint: code 90024064

Lavender: 90024062

Citrus: 90024066



Helo Sauna Stones

Natural Vulcanite stones that provides excellent heat radiation.

Vulcanite sauna stones - top quality, approved Finnish sauna stones that are durable and provide excellent heat radiation. Although the stones have been washed, we recommend you rinse them again with water before placing them in the sauna heater. Locate the stones loosely around the elements. This will improve the sauna heating time and prolong element life. 50 packages fits on one pallet.

Helo Sauna stones 20 Kg small size for wall heaters. Code: 0043020

Helo Sauna stones 20 kg big size for floor heaters. Code: 0043022

TyloHelo
Sauna Accessories



Dark Accessories

Hygrometer Code: 90152778

Bucket Code: 90152772

Ladle Code: 90152774



Premium Pro

These are products to chose if you have a professional sauna or just want really high quality products that lasts.



Pro Accessories

Stainless Steel Accessories

Bucket pro Code: 90041060

Hygrometer/Thermometer pro Code: 90041062



Shower Barrel

10-litre shower barrel with automatic water refill for a refreshing cool-down after your sauna.

Height with chain: 630 mm.

Code: 90029050

Classic

Light wood.



Classic Accessories

Wooden Sauna Accessories

Bucket (Pine,4L) Code: 0038815

Ladle Code: 90121022

Hygrometer/Thermometer Code: 90152813

Thermometer Code: 90152823

Black Accessories

Tylö Brilliant Hygrometer / Thermometer Black. Made from aluminium which is sand-blasted and anodised.

Hygrometer. Code: 90152420

Thermometer. Code: 90152430







Silver Accessories

Tylö Brilliant Hygrometer / Thermometer Silver. Made from aluminium which is sand-blasted and anodised.

Hygrometer. Code: 90152422

Thermometer. Code: 90152432







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. Robust pine door with tempered 8mm safety glass.

	Code	Description	Dimension
			mm
	91031510	**Sauna Glass Door W / Alder Frame 80 x 190** Bronzed glass door, width of opening 760 mm, no threshold.	800 X 1900
	91031916	**Sauna Glass Door W / Alder Frame 90 x 190** Bronzed / Clear glass door, width of opening 860 mm, no threshold.	900 X 1900
	91031920	**Sauna Glass Door W / Pine Frame 90 x 200** Bronzed / Clear glass door, width of opening 860 mm, no threshold.	900 X 2000
	91031924	**Sauna Glass Door W / Pine Frame 90 x 210** Bronzed / Clear glass door, width of opening 860 mm, no threshold.	900 X 2100



TyloHelo
Sauna Accessories



Loudspeakers

Steam and heat-resistant design.

Speaker B For surface mounting.
Size 230 x 145 mm, depth 165 mm. Code: 90803002

Supplied in pairs.



Transformer LED 0-20W

200-240 V ~/12VDC. Max. load 20W. NB: The transformer must always be installed outside the sauna. Suitable for E90, E28 and LED light strip. LED transformer dimmable on the secondary side. Code: 90901030



Transformer LED 6-18W

LED TRANSFORMER 230V~/ 18-52 VDC. Max. load 18 W. Dimmable. NB: The transformer must always be installed outside the sauna. Suitable for Tylö LED downlights. IP class 21. Code: 90901024



RGB Lighting

Ready-made package containing LED strip RGB 2 x 1.91 m, transformer and remote control. Code: 90011360

External Switch 12V

On/off switch to control the sauna from locations other than where the control panel is installed.

Fits Elite and Pure.

Code: 90908048





Door Contact

Prevents unintentional start-up of the sauna by remote control if the sauna door is open. Code: 90908035





Ruben Sky LED

The included control gives you a choice of seven pre-installed programmes or the option of creating your own programme with as many as 20 colour changes. Cable connections, 180mm mounting sleeves and electronic equipment are included. Can also be synchronised with lighting behind the backrest.

Ruben Sky 20 Number: 20.
11.6 W output. Code: 90011072

Ruben Sky 30 Number: 30.
17.4 W output. Code: 90011074

Ruben Sky 40 Number: 40.
23.2 W output.
Code: 90011076

Ruben Sky 60 Number: 60.
34.8 W output.
Code: 90011078

TyloHelo
Sauna Accessories

TyloHelo Sauna Accessories



Sauna LED Lighting

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

LED Length 1 x 500 mm. 2,4 Watt. Code: 90011440
LED Length 2 x 500 mm. 4,8 Watt. Code: 90011442
LED Length 3 x 500 mm. 7,2 Watt. Code: 90011444
LED Length 4 x 500 mm. 9,6 Watt. Code: 90011446
LED Length 5 x 500 mm. 12 Watt. Code: 90011448



Sauna Lamp 40W

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



LED Strip Light

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

LED 38CM 12V/DC 0.16w
Code: 90011350

LED 50CM 12V/DC 0.25w
Code: 90011352

LED 90CM 12V/DC 0.50w
Code: 90011354

LED 190CM 12V/DC 1.20w
Code: 90011356



Lighting Tube

Installed behind the backrest for pleasant, subdued lighting in sauna or steam room. Can be cut to size. 12 V. Connect to 12 V transformer. IP 65.

Lighting tube 50 Length 50 cm. 15 W output.
Code: 90011192

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

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

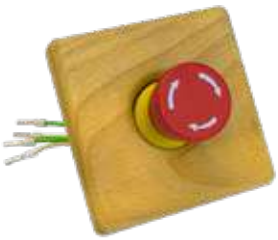




Sauna Led Lights

The set includes 12 LED lamps with silver heads, 4.5 metres of cable to each lamp, and the adapter. The colour of the lighting is warm white. The lighting has the property of directed emission with the scattering angle of 35. Code: 3815005-12

- 12pcs 5mm DIP LED
- 4.5m wire for each LED
- Connector with 12pcs holes
- Adapter with 12V,500mA, European plug
- 12pcs / set in a white box
- Cover color: Silver
- Lighting color: warm white
- Wattage 0.65W±10%
- Luminous 39.3lm±10%
- Cable working temp -20-+85°C
- LED diode working temp -20-+90°C
- Humidity 0-95%RH
- Input voltage AC/DC12V
- Life time: 50,000h
- Scattering angle of 35 degrees





Emergency Push Button

The emergency button allows to switch off the sauna heater via the overheating safety circuit. Isolation voltage AC/DC: 250 V Max current AC: 5 A Max current DC: 2,5 A. Code: 945777E



Opus 100 H175

Spotlight LED 6x0,45W. In brushed steel for recessed in the sauna ceiling. The kit is made of 6 luminaires with phase-divisible drive gear, extension cable and connecting cables. The drive unit is capable of powering and dimming 5-12 luminaires. Gives a warm light. (2700K)

Code: 90011080



LED Wall light

Soft light with a modern twist! G9 Maximum 25W, 230V, IP44. Diameter 98mm.

Code: 90011012



TyloHelo Panacea
Steam Bath

Steam Room Panacea

The Panacea steam bath soothes both body and soul. The hot steam envelops the body, releasing tension and easing muscle aches, while a variety of light and sound settings provide relaxing additions to the mind. Panacea is available in 6 different standard sizes and comes with a dramatic back-lit wall. Choose between various glass tints and opaque options.

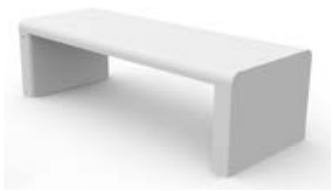


Steamroom seating



Stool Corian 66
Ergonomic and easily portable stool.
Size: 660 x 310 x 450 mm (LxDxH).
Item no. 96075060

Stool Corian 35
Size: 350 x 320 x 420 mm (LxDxH).
Item no. 96075065



CORIAN BENCH
Hard-wearing and hygienic bench for larger steam rooms.

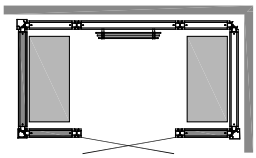
BENCH 1545
Size: 1545 x 600 x 450 mm (LxDxH).
Item no. 96075050

BENCH 1945
Size: 1945 x 600 x 450 mm (LxDxH).
Item no. 96075052

BENCH 2345
Size: 2345 x 600 x 450 mm (LxDxH).
Item no. 96075054

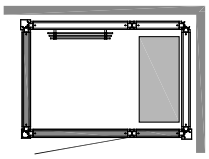


TyloHelo Panacea
Steam Bath

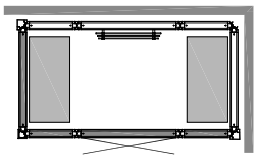


PANACEA 1709
Size: 1725 x 925 x 2090 mm
Code: **96075026**

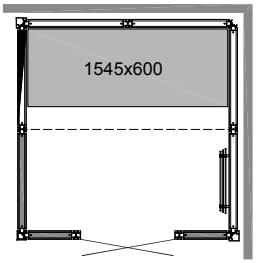




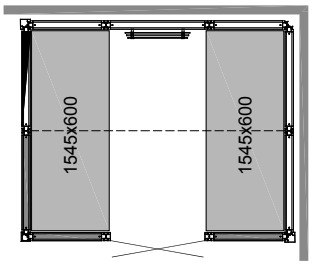
PANACEA 1309 T
Size: 1325 x 925 x 2090 mm
Code: **96075020**



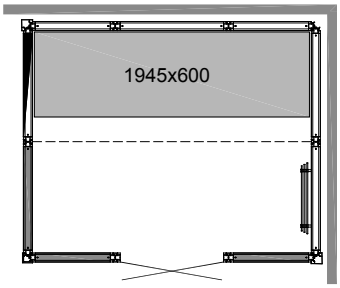
PANACEA 1709 T
Size: 1725 x 925 x 2090 mm
Code: **96075022**



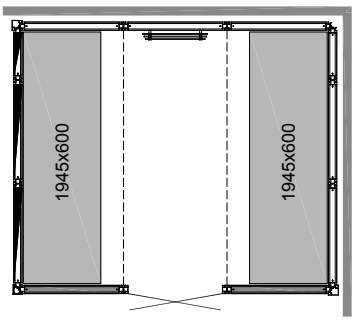
PANACEA 1717 1B
Size: 1725 x 1725 x 2090 mm
Code: **96075070**



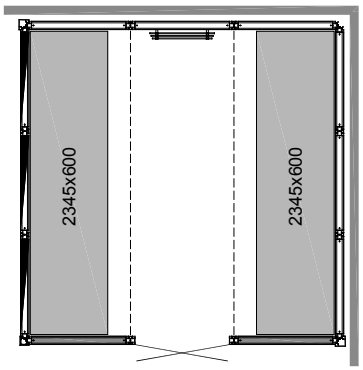
PANACEA 2117 2B
Size: 2125 x 1725 x 2090 mm
Code: **96075076**



PANACEA 2117 1B
Size: 2125 x 1725 x 2090 mm
Code: **96075074**



PANACEA 2521 2B
Size: 2525 x 2125 x 2090 mm
Code: **96075080**

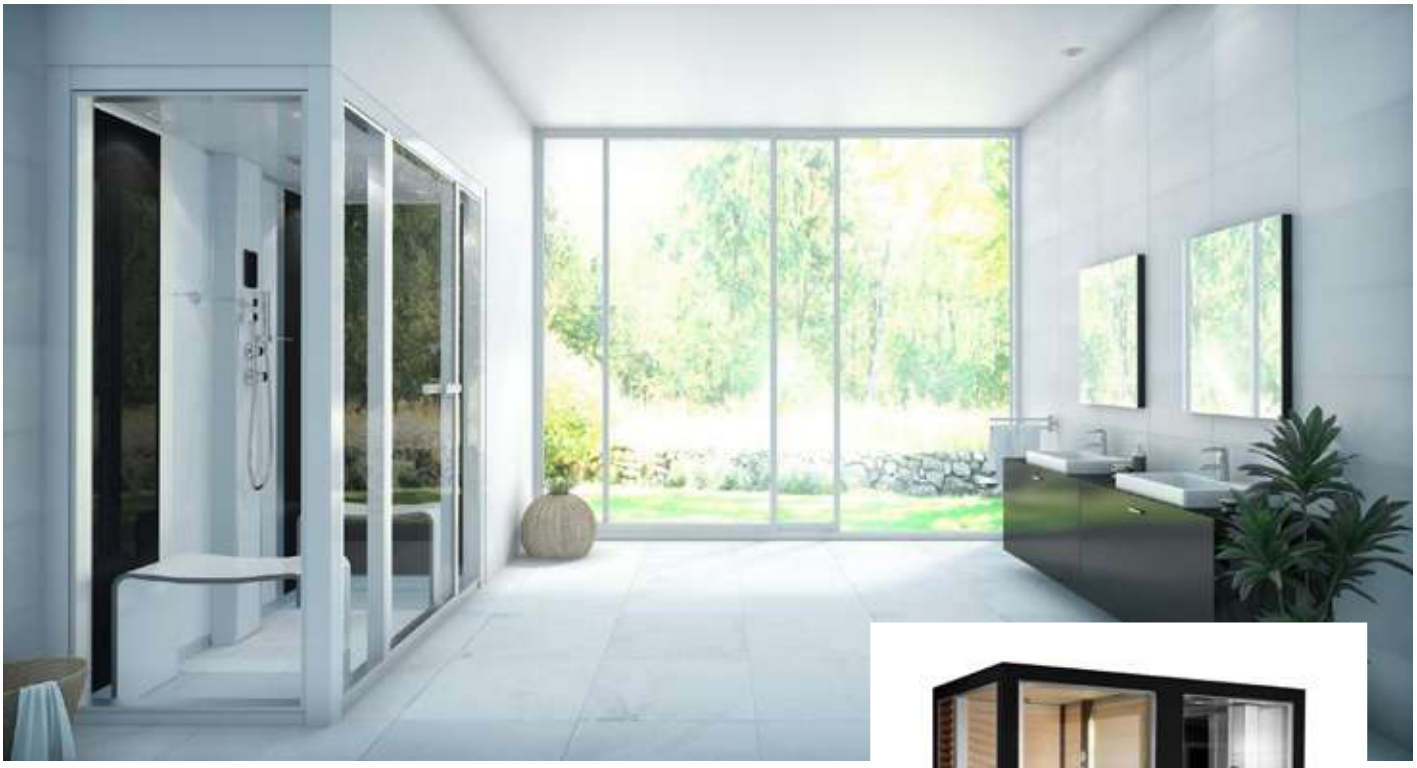


PANACEA 2525 2B
Size: 2525 x 2525 x 2090 mm
Code: **96075084**

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 Impression Twin
Steam Bath





Steam Room Impression Twin

Combined sauna and steam shower offering unique relaxation options. The design and materials exude a palpable feeling of luxury. The perfect way to relax after a workout session is to combine a sauna and steam shower. Impression Twin really gives you the best of both worlds. Walls, glass sections and doors can be assembled in a variety of ways to suit your bathroom layout. All interior fittings – except for the sauna heater – can be placed where you wish.



TyloHelo
Steam Generators

TyloHelo Steam Generators

The steam delivery happens quickly and quietly through specifically developed steam nozzles. Have your steam room always ready to go at a moments notice through the convenience of stand-by mode.

TylöHelo has a strong tradition of providing steam generators for public and private use. Our latest series is fitted with a state-of-the-art control unit to ensure precise operation. Control the steam, lights, timer and other features at the simple touch of a button. Add fragrances and relax. Indulge yourself and all your senses.

TyloHelo Steam Commercial and Steam Home

Super effective steam generators



Steam Home

Our latest compact and effective steam generator for home environments. It offers new and improved features
such as stand-by, an aromatherapy option and improved protection against toppages.



Steam Commercial

Our Steam Commercial steam generator is equipped with a large water tank and is designed to easily connect to our Multi-Steam function – an effective way to avoid stoppages in frequently used systems.

Steam Generators

Model	Code	Output	Steam room's min./max. volume (m3)				Steam production	Size (LxWxH)	Suitable control panel
			Light wall made of glass plastic, Elysé Excellent room, etc.		Heavy wall made of tiles, concrete, stone, etc.				
		kW	With ventilation	Without ventilation	With ventilation	Without ventilation	kg/h	mm	
Steam Home	66210120	3 6 9	- 3-8 6-16	max. 3 4-15 13-24	- 2-5 4-10	max. 2 2.5-8 7-16	3.5 8 12	480 x 350 x 159	Elite or Pure
Steam Commercial	66210010 66210015 66210020	9 12 15	6-16 14-22 18-25	13-24 22-30 28-38	4-10 8-15 10-19	7-16 14-20 18-25	12 16 20	585 x 415 x 230	Elite or Pure
2x9 2x12 2x15 Steam Commercial	66210010X2 66210015X2 6210020x2	18 24 30	20-30 28-40 36-50	28-40 38-50 56-76	13-20 18-30 32-42	18-30 28-40 42-57	24 32 40		Elite or Pure
3x9 3x12 3x15 Steam Commercial	66210010X3 66210015X3 66210020x3	27 36 45	38-45 43-60 54-75	46-60 58-70 84-114	28-40 38-50 47-63	38-52 48-60 60-75	36 48 60		Elite or Pure

TyloHelo
Steam Generators

Helo Steam PRO

The new Helo Steam Pro generator automatically prevents overheating and dry running, should there be an interruption to the water supply. The generator saves time on maintenance and down time thanks to its automated filling function. For added convenience flushing and emptying functions are available, as well as the possibility to run several units through serial connection.

Helo Steam

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 Pro Specifications

- **Available sizes:**
  9.5 / 12 / 14 / 16 kW
- **Features:**
  Standby Function Automatic flush, Safety flush. Two aux outputs for fragrance/salt. Ganging with RJ connectors (1+2units). Resettable highlimit switch. New drain valve
- **Available Add-on:**
  Push button for activation from Standby

Helo Steam Specifications

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

Steam Generators: Helo Steam & Steam Pro

Model	Code	Power	Steam production	Size (WxHxD)	Min/max volume steam room				Available color	Suitable control panel	Installation
					Thin wall of glass or plastic		Heavy wall of tile, concrete or stone				
					with ventilation	without ventilation	with ventilation	without ventilation			
		kW	kg/h	mm	m³						
Helo Steam 34	002100	3.4	5	636 x 380 x 164	2-6	2-7	2-4	2-5	Black	Elite or Pure	On the wall
Helo Steam 47	002101	4.7	6	636 x 380 x 164	3-7	3-8	2-5	2-6			
Helo Steam 60	002102	6	8	636 x 380 x 164	4-9	4-13	3-6	3-7			
Helo Steam 77	002103	7.7	10	636 x 380 x 164	6-11	6-15	4-8	5-9			
Helo Steam Pro 95	002104	9.5	13	636 x 380 x 164	9-13	9-17	6-9	7-11			
Helo Steam Pro 120	002105	12	16	636 x 380 x 164	11-18	12-24	8-12	9-16			
Helo Steam Pro 140	002106	14	19	636 x 380 x 164	14-22	18-30	10-14	11-17			
Helo Steam Pro 160	002107	16	21	636 x 380 x 164	17-25	23-35	12-16	12-18			

TyloHelo
Steam Accessories

TyloHelo Steam Accessories

Water softener Premier Compact

Code: 90908027



Water softening salt (3-packs)

Code: 90903005

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 90024000

Peppermint: code 90024004

Lavender: 90024002

Citrus: 90024006





Bahia home and pro steam outlet

The Bahia steam outlet is the obvious choice for form, function and aesthetics. Tempered safety glass design with Corian® or high-gloss plastic.

Bahia Pro: tempered safety glass and Corian® Size: B:500mm / H:300mm. Code: 90029252

Bahia Home: tempered safety glass and high-gloss plastic. Size: B:280mm / H: 180mm. Code: 90029254



Sound system for steam room

Enhance your experience with a specially-designed sound system.

Code 90802010



Steam outlet grace

Steam head with integral dispenser for Tylo fragrances. Connect to the steam generator's steam pipe. Code: 96000558



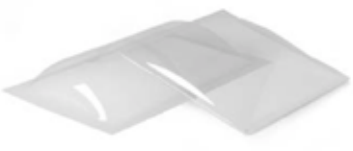
Steam Nozzle

Positioned within the cabin to provide the most effective distribution of steam. Code: 7819604



Auto Drain Valve

Automatically drains water tank after every use, reducing limescale and minimising downtime for service. Includes connecting cable. 230VAC / 5W / IP67. Code: 4310135



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.

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: 90912250
9 x 20 right Code: 90912254
9 x 21 right Code: 90912258
10 x 19 right Code: 90912262
10 x 20 right Code: 90912266
10 x 21 right Code: 90912270
9 x 19 left Code: 90912274
9 x 20 left Code: 90912278
9 x 21 left Code: 90912282
10 x 19 left Code: 90912286
10 x 20 left Code: 90912290
10 x 21 left Code: 90912294

Steam Door: clear glass

9 x 19 right Code: 90912252
9 x 20 right Code: 90912256
9 x 21 right Code: 90912260
10 x 19 right Code: 90912264
10 x 20 right Code: 90912268
10 x 21 right Code: 90912272
9 x 19 left Code: 90912276
9 x 20 left Code: 90912280
9 x 21 left Code: 90912284
10 x 19 left Code: 90912288
10 x 20 left Code: 90912292
10 x 21 left Code: 90912296



TyloHelo
Steam Accessories

TyloHelo Steam Accessories

Steam Room LED Lights

Helo Steam Room Lights are LED lights, rated IP67. The set includes 4 LED lamps with silver heads, 1.5 metres of cable to each lamp, and the adapter. The colour of the lighting is warm white. The lighting has the property of directed emission with the scattering angle of 35.



Specifications

- 4pcs 5mm DIP LED
- 1.5m wire for each LED
- Connector with 4pcs holes
- Adapter with 12V, 500mA, European plug
- 4pcs/set in a white box
- Cover color: Silver
- Lighting color: warm white
- Wattage 0.65W±10%
- Luminous 39.3lm±10%
- Cable working temp -20-+85°C
- LED diode working temp -20-+90°C
- Humidity 0-95%RH
- Input voltage AC/DC12V
- Life time: 50,000h
- Scattering angle of 35 degrees

	Code	Description
	3815005	**Steam Room LED Light** 4pcs in a set with power adaptor 12V, 500mA



Steam Room Lighting

Helo Steam Room Lights rated IP67.

	Code	Description
	90011098	**Downlight with Halogen LED adapter** Light round LED.

Steam Room
Wall / Dome Construct

Wall-Dome Construct

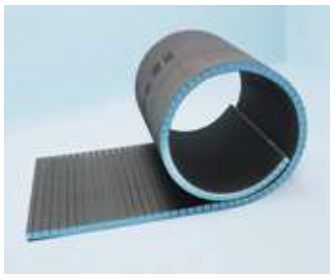
Atecpool building boards have a blue core made from CFC-free extruded polystyrene rigid foam.

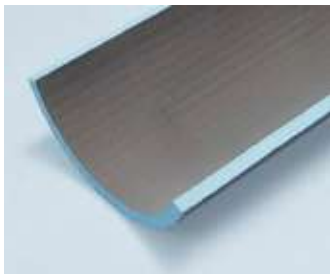
This makes the Atecpool building board an ideal basis for any type of plaster and tile. Atecpool building boards can be applied to practically any substrate, waterproof, insulating, versatile, light and robust.

Atecpool Construct building board, offers many possibilities when it comes to designing customised forms. Whether you are looking for small radii or semicircular solutions, thanks to the pre-cut profiles the Construct building board gives you the freedom to be creative.

- The blue XPS core is 100% waterproof and remains fully functional even after possible damage.
- abP*: building board butt joints can be sealed 100% simply by using adhesive sealant. As no other seal is necessary, craftsmen benefit from increased security accompanied by a shorter tiling time.
- The cemented surface is a good adhesive under-surface. The fibre fabric also absorbs tensile forces.
- All building board systems have great heat insulation properties,











Atecpool Wall-Dome Construct

Shapeable building boards.

Code	Description	Dimensions mm		
		Length	Width	Thickness
W2500-600	Atecpool Building Board Wedi Construct	2500	600	30

Building board construct, lengthwise, calculation of diameter

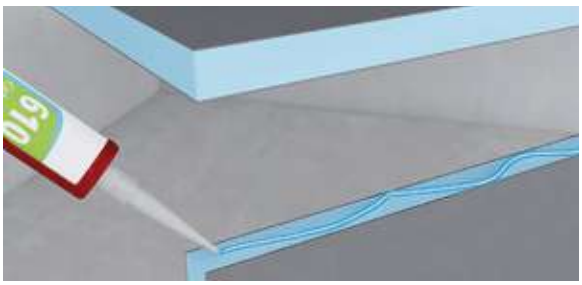
Thickness	External diameter
mm	mm
30	538

Adhesive Sealant

Assembly materials for building boards.

Code	Description	Content
		ml
SEAL310	Adhesive Sealant for Wedi Construct	310 ml





TyloHelo
Control Panels



TyloHelo Control Panels

The user interface, developed for mobile devices and personal computers, perfectly emulates that of the steam room's or sauna's control panel. Through sensible engineering, the outcome is highly usable functionality, allowing bathers to log on to the control panel through the app over their local WiFi network and control their sauna and steam bath.

On both the control panel itself and via the app it is possible to create and save several different user profiles and favourite settings, and set different schedules. In commercial settings, it is possible to manage multiple units from one point of access, and set unique profiles for different locations.





Elite > Effortless bathing

The new control panel Elite from TylöHelo is packed with advanced features, thanks to its internal processor and operating system. In addition to highly personalized settings, the Elite can be individually programmed according to your own schedule.

Add features such as auxiliary fans, fragrance pumps or lights – the Elite control panel handles it all with clear and concise precision. The 4.5-inch touch screen delivers real-time status on every aspect of your sauna and steam bath. Naturally, it includes steam and temperature settings and local WiFi app-connectivity.

Features

- Set temperature and humidity
- Can create multiple user profiles
- Control sauna/steam via local WiFi and app
- Set different schedules for different week days
- Set specific profiles for specific times or dates
- Instant fault notification

Pure > Intuitive design and features

The elegant, compact design of TylöHelo's Pure control panel makes it the go-to choice for those who value functionality and simplicity. The thin black control lets you set the lighting, temperature and sauna time easily with only a few touches. Of course, choosing the start time up to ten hours in advance means you can step into a wonderfully hot sauna or steam as soon as you get home (Door contact needs to be added).

Features

- Touch control
- Temperature Display
- Set temperature/bath time
- Delayed start and Lighting control

TyloHelo
Control panels

TyloHelo Control Panels

	Model	Code	Size WxHxD	Features	For sauna or steam?	Suitable sauna heater	Relay box required?	Suitable steam generator
			mm					
	**Pure**	72001430	85x127x12	Thermostat controlled touch control panel, for installation inside or outside the sauna or steam room.	Both	Sense Pure - included	No	Steam Home Steam Commercial
						Sense Combi Pure - included	No	
						Expression	Yes, relay box Commercial Lite	Helo Steam Helo Steam Pro
						Sense Commercial 6-10 kW	Yes, relay box Commercial Lite	
						Sense Commercial 16-20 kW	Yes, relay box Commercial	
	**Elite**	72005040	85x127x12	The multi-disciplinary control panel is packed with advanced features, thanks to its internal processor and operating system. Naturally it includes energy saving functions and WiFi/App connectivity.	Both	Sense Elite - included	No	Steam Home
						Sense Combi Elite - included	No	
						Expression	Yes, relay box Commercial Lite	Steam Commercial Helo Steam Helo Steam Pro
						Sense Commercial 6-10 kW	Yes, relay box Commercial Lite	
						Sense Commercial 16-20 kW	Yes, relay box Commercial Lite	
	**H2**	96000544	80x140x19	H2 is equipped with touch-control and shows temperature and time in operating mode. Can be set for start within a 24-hour period and has a running time between 0-23 hours. Also equipped with a switch for lighting, 12h/24 format and multiple languages. With the H2 control panel, you can even preset the start program for one week in advance complete with repetitions, do troubleshooting and control the atmospheric humidity in the sauna room. Compatible with Tylö's older heater Sense Combi	Sauna	Expression Combi - included	Yes, relay box RB45 - included	No
	**OT 2 PLE**	OT2PLE	250x220x80	Control Unit, 400V, 3 phase, white.	Sauna	Helo Cup	No	No
	**WE40**	001352	-	WE 40 contactor box is compatible with the SKLE heater models 1051 - 1501 and with Cup heaters with an efficiency of 4.5 - 9 kW. Connection to PURE or ELITE panel through Contactor Box (WE40) for CUP and SKLE.				
	WE50	001351	-	WE 50 is for 230-240V 3 ~ voltage. SKLA models 181, 210, 260. Connection to PURE or ELITE panel through Contactor Box (WE50) for SKLA.				

TyloHelo
Infrared Cabins

TyloHelo Infrared Cabins > Relax and Detox

With rapid heat-up time, your infrared room is energy efficient and ready-to-go at the blink of an eye. Experience the deep-penetrating heat that infrared heat therapy rooms and panels can provide. The infrared waves reach deeper into your tissues, relieving aching muscles of pain and stiffness.



Benefits of Infrared Bathing

1.

Time-friendly

There's no waiting for an infrared sauna to heat up, so you can easily enjoy its benefits anytime.

2.

Planet-friendly

Even with daily use, Infrared technology uses as little or less electricity than many other common household appliances.

3.

Family-friendly

Infrared saunas are safe and easy to use for kids and adults alike.

4.

Releases muscle tension

The gentle warmth of infrared heat therapy rooms loosens muscle knots and relieves back pain. For active people the infrared treatment releases muscle tension and helps to prevent injuries and regenerate faster from training.

5.

Prevent flu and cold

Infrared sauna boosts blood circulation and helps stimulating the production of white blood cells, aiding the immune system in its response to virus and bacteria. Regular sauna bathing dramatically lowers the risk of catching common colds, even those caused by viruses.

6.

Stress less and relax more

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

7.

Supporting heart health

The high temperatures in the sauna increase the heart rate, thereby giving the heart a healthy "workout". Infrared saunas can also lower blood pressure, something that provides a similar effect.

TyloHelo
Infra-red Cabins

Infrared Rooms

T-810 Series 1-Person



Size: 913x913x1938mm
Code: 95109100

Size: 913x913x1938mm
Code: 95109110

T-870 Series 3-Person



Size: 1301x1301x1938
Code: 95109106

Size: 1301x1301x1938
Code: 95109116

T-820 Series 2-Person



Size: 1213x1013x1938mm
Code: 95109102

Size: 1213x1013x1938mm
Code: 95109112

T-825 Series 2-3 Person



Size: 1633x1078x1938mm
Code: 95109104

Size: 1633x1078x1938mm
Code: 95109114

Combination Sauna 2 in 1

Why limit your sauna enjoyment? Enjoy the infrared heat in a traditional Tylö sauna! Our efficient IR panels are in hemlock wood and the fabric is now available in both black and grey. Install as separate panels in an existing traditional sauna room or as a complete set in a separate infrared sauna room.



TyloHelo
Infra-red Cabins



TyloHelo Infrared Cabins > Relax and Detox

Fast assembly with no tools—with wall panels mounted onto an easy-fit base and topped with easy-fit ceiling panel. Prefabricated wall panels, benches and floor in clear Hemlock—for a sauna with "furniture quality". The exterior surfaces are finished with biodegradable wood treatment—for a more luxurious look and for ease of maintenance. The CarbonFlex® infrared heaters, integral with wall panels, with heater surface area and wattage designed to give even, enveloping heat on all sides.

Infra Panel

Black 980 x 360 mm, 150w, 230V. Code: 90011295

Grey 980 x 360 mm, 150w, 230V. Code: 90011295G

Black 980 x 680 mm, 300w, 230V. Code: 90011298

Grey 980 x 680 mm, 300w, 230V. Code: 90011298G



Infra Wi-Fi IR2 Control Panel

- Wi-Fi capability
- Mobile app available with worldwide functionality from anywhere there is cell or data service
- Dimensions: H 141 mm, W 84,5 mm, D 8 mm
- Intuitive display (time/temp/lighting/system status)
- 24-hour time delay via Mobile App
- 60-minute timer
- Built-in RGBW light control with dimmer
- Built-in Bluetooth audio
- Voice control compliant with Alexa, Google and Siri

Color therapy > Psychological and therapeutic effects of color.

Psychological and therapeutic effects of color.



Red

Is the symbol of love and of life itself; with its penetration power, which is the highest of all colours; it is recommended for treatment of impeded circulation, muscles and heart. It generates enthusiasm, arouses passion and has a cheering effect.



Yellow

Is a clear purifying colour, which stimulates clarity of intellect, as well as toxin processing and elimination. It can help with learning disabilities and with strengthening of the endocrine functions.



Green

Is a cooling, sedating colour, which helps reduce swelling of joints and tissues; it calms the body and helps reduce inflammation. It's the colour of the relaxed heart.



Turquoise

Is the colour for mental relaxation and tackling embedded psychological barriers. It acts as a tonifier and can help regulate imbalances in the lung and large intestine system. It is a colour that facilitates spiritual growth.



Blue

Is a cool colour that has a calming effect, inside as well as on the outside. It is very helpful in treating sleep disorders and headaches, yet also smooth elasticity of muscles in the organism. It helps in all kinds of cramps and can have an antibacterial effect.



Violet

Promotes awareness and consciousness. It increases effects of meditation. It promotes proper functioning of the lymphatic system and is a very helpful in times of menopause. It is the colour for neutralizing emotional wounds and for spiritual growth.

Experience Shower
4 Seasons shower

Atecpool Experience Shower

The four seasons bi-thermal shower model, provides a gentle and abundant shower of water, produced by a 40 cm diameter shower head that has multiple micro-nozzles. Given the size of the surface area, this shower head generates a delightful and plentiful rainfall on the body, combined, in addition, with cold and warm water misting nozzles that provide a thermal contrast that relaxes and tones muscles.



Specifications

- Round chrome shower head, 40 cm in diameter with white LED perimeter lighting.
- 4 large misting nozzles.
- 4 fine misting nozzles.
- 2 RGB LED light fittings.
- Music therapy stereo system with two 5w speakers and perimeter RGB LED lighting.
- The shower is operated using four push buttons, one for each season.

Required Facilities

- Hot water supply, 15 ltr/minute continuously
- Cold water supply, 35 ltr/minute continuously at 3 bar of pressure.
- Power supply line protected by a differential and thermal breaker for 500W
- Syphon drain with an absorption capacity of 35 ltr/minute.

Musictherapy



Code	Description
ATD21124	Atecpool Experience 4 Seasons Shower Chrome High Flow Showerhead Ø 400 mm Combined w/ 8 Water Jets on a Solid Surface Frame Ø 720 mm with a Matt Aluminium Finish

The shower includes music stereo equipment comprising two 5 w speakers with perimeter RGB LED lighting controlled using an electronic board with MP3 and USB. The equipment includes a USB memory stick with four factory-installed music themes*. (* If users wish to change the music themes, the USB's file order as well as the name and total length of the music must coincide with the original.)

Chromotherapy



The shower includes four LED lamps (red, green and blue). The colours are automatically assigned by the manufacturer and vary according to the programme selected. The shower has white LED lighting when this option is not activated. As soon as it is switched on the lighting will begin according to the selected programme.

Nebulizer Sprinkler



The shower has 9 sprayheads: a main shower head, four fine mist nozzles and four large mist nozzles.

Ice Fountain
Therapeutic thermal contrast

Atecpool Ice Fountain

The ice fountain's therapeutic goal, like the frigidarium, is providing the maximum thermal contrast in the thermal spa cycles. It is very advisable for the general body stimulation, mainly for its vasoconstrictor effect that gives flexibility to the circulatory system. Unlike the frigidarium, its use is much more traditional since it consists in applying frosted ice on the surface of the body in whichever way you desire. This therapeutic complement offers our customers the possibility to obtain exactly the same sensations that people obtain with a sauna session in the Baltic areas, where the sauna is always combined with a snow or ice massage to obtain the maximum effect of the thermal spa session.



Ice drop tube



Variety of containers



For frigidariums or independent



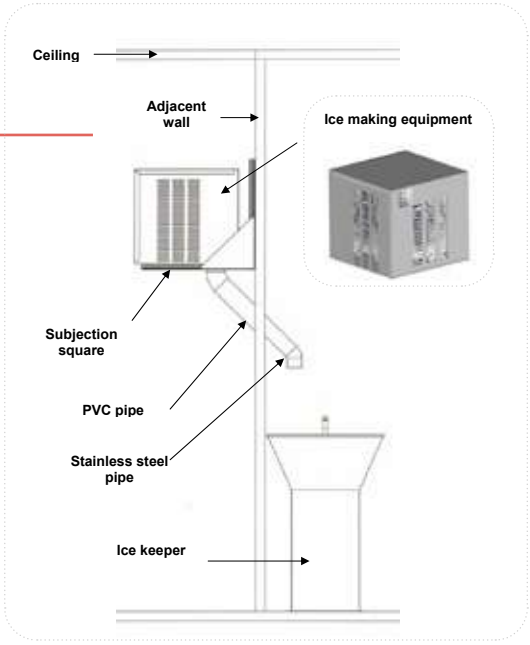
Ice Keeper



Ice Machine / Modular Electronic Ice Equipment



Example of installation in an adjacent room



Vichy Shower
Thermotherapy shower

Vichy Shower

The Vichy Shower is a thermotherapy equipment consisting of a longitudinal structure with in-line sprinklers and a programmable circuit whose main function is to improve the effectiveness of massage and facilitate body hygiene during physiotherapist treatments with mud and algae. The massage is given lying on a stretcher under microderrums of bithermal alternating water thanks to 5 sprinkler units with orientation ball and anti-clogging system. The Vichy bithermal shower is fully automatic and works by touch screen with microprocessed electronic programmer.





Specifications

- Articulated stainless steel arm anchored to a support fixed to the wall where the shower is located. The arm include 5 sprinklers are placed with independent taps to use sprinklers that are of interest depending on the massage is performed. Sprinklers have three positions, Rain, massage, or nebulizer.
- Table bed, cushion, rubber and elastic mattress. This table measures 70cm. wide and is usually placed in a cabin that makes at least about 65 cm on each side of the table.
- Beneath the bed take a drain with a slope of 2% connected to a tube able to withstand 50 L / min. In the room also is needed a safety drain.
- Digital display panel with built-in to change the various programs of showers.
- Hydraulic safety valves box for the water run and cut, prefilters, mixing valve to regulate the temperature of water.
- Optional element. Optional special therapeutic kit, injection of aroma, for the different massages.



Code	Description
ATV20226	Atecpool Articulated Arm Bithermal Vichy shower w/ Sprinklers in SS, 5 valves, 5 sprinklers w/ Three types of Shower: Rain, Massage and Mist.
ATV20227	Atecpool Fixed Arm Bithermal Vichy shower w/ Sprinklers in SS, 5 valves, 5 sprinklers w/ Three types of Shower: Rain, Massage and Mist.

Wellness
Portable Spas

Spa Corsica

Specifications

Size: 2900 X 2300 X 980mm
Capacity (seats / loungers): 8 (7 / 1)
Power consumption: 7500W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 108 + 12
Pop-up Head rest: 4
Balboa Control System
Wooden Cabinet w/ steps
Heavy duty Spa Cover
Acrylic Shell





Spa Bonaire

Specifications

Size: 2300 X 2300 X 980mm
Capacity (seats / loungers): 5 (3 / 2)
Power consumption: 6500W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 87 + 12
Pop-up Head rest: 3
Balboa Control System
Wooden Cabinet w/ steps
Heavy duty Spa Cover
Acrylic Shell





Wellness
Portable Spas

Spa Bora Bora

Specifications

Size: 2400 X 2400 X 980mm
Capacity (seats / loungers): 5 (4 / 1)
Power consumption: 7500W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 87 + 12
Pop-up Head rest: 5
Balboa Control System
Wooden Cabinet
Heavy duty Spa Cover
Acrylic Shell





Spa Lanzarote

Specifications

Size: 2400 X 2400 X 930mm
Capacity (seats / loungers): 7 (5 / 2)
Power consumption: 7000W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 195 + 12
Pop-up Head rest: 4
Balboa Control System
Wooden Cabinet w/ steps
Heavy duty Spa Cover
Acrylic Shell





Wellness
Portable Spas

Spa Ibiza

Specifications

Size: 2180 X 1900 X 995mm

Capacity (seats / loungers): 3 (2 / 1)

Power consumption:
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 46 + 12

Pop-up Head rest: 3

Balboa Control System

Wooden Cabinet w/ steps

Heavy duty Spa Cover

Acrylic Shell





Spa Mallorca - Recovery Spa

Specifications

Recovery Spas for HydroTherapy. Choose your medical spa programme with SPA Mallorca.

Size: 3400 X 2280 X 1360/1500mm

Capacity (seats: 3

Power consumption: 220 ~ 240V / 50 ~ 60Hz

Water Jets= 10

Pop-up Head rest: 2

Balboa Control System

Heavy duty Spa Cover

Acrylic Shell

Lifting Gear (as optional)





Wellness
Portable Spas

Spa Escada

Specifications

Size: 2150 X 1900 X 800mm
Capacity (seats): 6 adults
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 78 + 12*
Multi color LED light in the cabinet
Perfect core-therapy control center
Mutlicolor LED Waterfall
Heavy Duty SPA Cover





Spa Cleopatra

Specifications

Size: 2300 X 2300 X 930mm
Capacity (seats): 5 adults + 2 children
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 78 + 10*
Multi color LED light in the cabinet
Perfect core-therapy control center
Mutlicolor LED Waterfall
Heavy Duty SPA Cover





* Air Jets as optional

Wellness
Portable Spas

Spa Elegance

Specifications

Size: 2300 X 2300 X 930mm

Capacity (seats): 6 adults + 1 baby

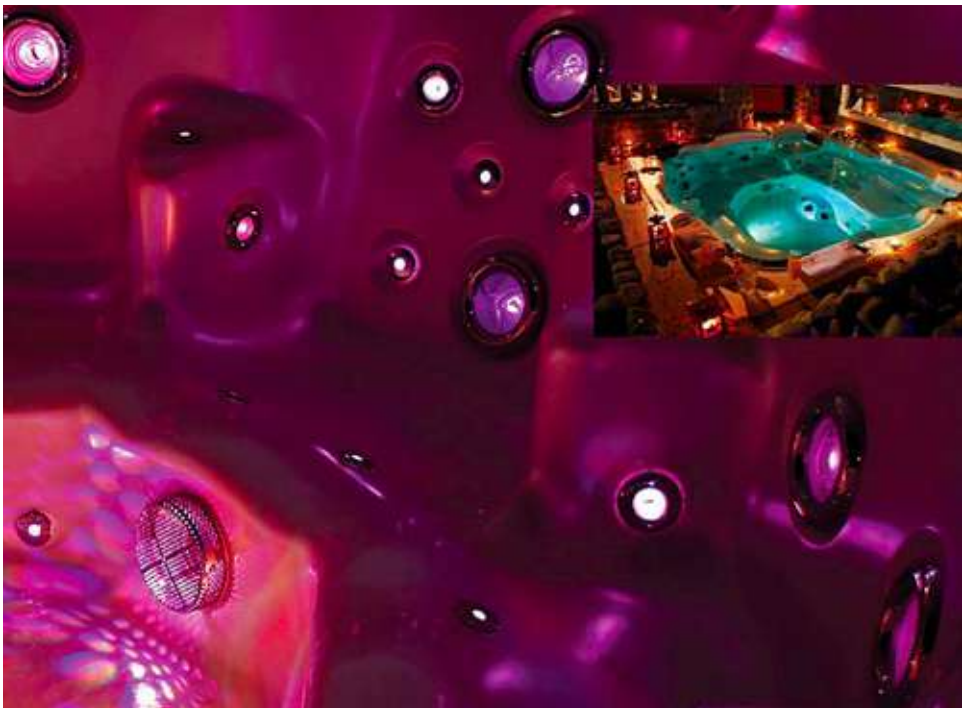
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz

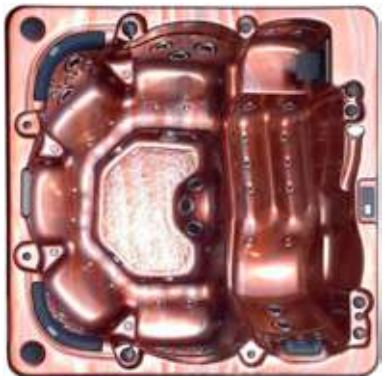
Water Jets + Air Jets = 76 + 12*

Perfect core-therapy control center

Mutlicolor LED Waterfall

Heavy Duty SPA Cover





Spa Nereid

Specifications

Size: 2800 X 2300 X 930mm

Capacity (seats): 8 adults + 3 children

Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 106 + 10*

Perfect core-therapy control center

Mutlicolor LED Waterfall

Heavy Duty SPA Cover





* Air Jets as optional

Wellness
Portable Spas

Spa Fairy

Specifications

Size: 2150 X 1900 X 630mm
Capacity (seats): 5 adults
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 45 + 8*
Perfect core-therapy control center
Panel with marble stone corners
Mutlicolor LED Waterfall





Spa Grace

Specifications

Size: Ø2280 X 930mm
Capacity (seats): 7 adults
Heater system: 2870W
220 ~ 240V / 50 ~ 60Hz
Water Jets + Air Jets = 77 + 12*
Perfect core-therapy control center
Mutlicolor LED Underwater Light
Heavy Duty SPA Cover





* Air Jets as optional

Wellness
Spa Details

Jets used in Portable Spa

The size and the arrangement of jets influence remarkably the effectiveness of hydromassage. In Atecpool Royal Collection Portable Spas 4 types of jets have been used: big rotating jets, medium rotating jets, medium adjustable jets and mini back jets. The designed rotational jets, during the flow of water stream are circulating, in this way preventing the spot action of the water stream. This solution guarantees that the largest amount of nerve receptors are massaged. The regular massage improves the health condition of the inside organs and in case of back muscles, improves the physical condition as well as the appearance of the figure.





Multiple Jets

1. Big rotating jets with the possibility of water massage regulation.
2. Medium rotating jets
3. Medium jets with the possibility of directing the water stream
4. Mini rotational jets

Chromotherapy and Aromatherapy

Chromotherapy Underwater Light

The use of chromo therapy, that is the treatment with light and colors, has a very positive impact on the regeneration of the human organism. That is why our portable spas are equipped with the light with the changeable colors. The system is based on the electronic control of the colored lamp LED. This gives the possibility of individual adjustment of the colors, which influences directly the effectiveness of chromo therapy. Minimum dimensions of the manhole result from possibility of an easy entrance and removing the element to be repaired and should be 60x60cm.



White
harmonizes and restores the balance in the organism.

Blue
among others reinforces the immunity, soothes the throat, eyes, pains, and acts in a soporific and calming manner.

Green
among others calms, refreshes, improves the mood, supports the metabolism, regenerates the brain and the nerve system.

Yellow
is the antidote to stress and tiredness, reinforces the muscles, improves the texture of the skin.

Red
among others warms up, improves blood circulation, gives energy and stimulates to energetic activity.

Aromatherapy

Aromatherapy functions during the work of air massage. The air, before it is being blown into the spa, goes through the special chamber, in which the aromatherapy bags are placed. Afterwards it goes to the bath through the network of small holes and with the aired stream of water. It is very effective and at the same time high efficient aromatherapy system, used in portable spas. It guarantees the wonderful effects, and at the same time does not cause the turbidity of the water, prevents the oil suspensions in the water, which very often cause the dirtiness of both the acrylic surface as well as hydro massage elements

Wellness
Spa Selection & Accessories

Spa Accessories Design

Atecpool Royal Collection is the true expresion of wellness, our professional spa offers premium cabinets of your choice. Selection of Spa Covers and Composite Panel for cabinet available with our Royal Collection.





Portable Spa Colours

white | gypsum | azure | oyster | graphite

Spa Cover Colours

be-16 | sa - 2 | n - 7 | br - 2 | cz

Spa Composite Panel Colours

blanc creme ral 9001 | gris basalte ral 7012 | bleu violet ral 5000 | brun chocolat ral 8017 | noir profond ral 9005

Wellness
Portable Spas

Above Ground Spas with cabinet - Comparison

Code	Spa Corsica	Spa Bonaire	Spa Bora Bora	Spa Lanzarote	Spa Ibiza	Spa Mallorca
						
General Information						
Size (mm)	2900×2300×980	2300x2300x980	2400x2400x980	2400×2400×930	2180×1900×995	3400×2280×1360/1500
Water capacity (gal)	380	286	352	396	220	1100
Colour	White	White	White	White	White	White
Capacity (persons)	8	5	6	7	3	3
Power supply	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50HZ
Shell	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
			-			
Composition						
Hot Tub	1	1	1	1	1	1
Head rest	4 (pop-up)	3 (pop-up)	5	4	3	2
Steel frame	1	1	1	1	1	1
Water Flow Equipment	1	1	-	-	-	-
Waterfall	-	-	1	1	-	-
LED Air Jets	12	12	-	-	12	-
Air Jets	-	-	12	12	-	-
Water jets	77	87	87	142	46	10
Fountain jets	-	-	2	2	-	-
Swim jet	-	-	-	-	-	-
Shoulder Massage Jets	-	-	-	2	-	-
Hydro Therapy Jets	31	28	33	17	-	10
LED Lights	-	-	1	1	-	1
Fiber Optic Lights	43	34	33	36	29	35
Fountain valves	-	-	1	1	-	-
Water Flow Valves	1	1	-	-	-	-
Waterfall Valves	-	-	1	1	-	-
Shoulder Massage Valves	-	-	-	1	-	-
Drain vlaves	1	1	1	1	-	1
Intake valves	5	3	4	5	3	2
Diverter valves	2	1	2	2	1	-
Air Control valves	5	3	5	5	3	2
Wooden cabinet	●	●	●	●	●	-
Insulation	●	●	●	●	●	●
Heavy Duty Spa Cover	●	●	●	●	●	●
Wooden Step	●	●	●	●	●	-
Aromatherapy	●	●	●	●	●	-
View Pump	-	-	-	-	-	-
Hydro Massage Pump	2 x 3.0 HP / 1 x 2.0 HP	1 x 3.0 HP / 2 x 2.0 HP	3 x 2.0 HP	1 x 3.0 HP / 2 x 2.0 HP	1 x 3.0 HP / 1 x 2.0 HP	1 x 3.0 HP
Circulation Pump	1 x 1.0 HP	1 x 1.0 HP	1 x 1.0 HP	1 x 1.0 HP	1 x 0.35 HP	1 x 1.0 HP
Swim Pump	-	-	-	-	-	-
Fountain Pump	-	-	1 x 0.35 HP	1 x 0.35 HP	-	1 x 0.35 HP
Air Blower	1 x 0.7 kW	1 x 0.7 kW	1 x 0.7 kW	1 x 0.7 kW	1 x 0.7 kW	1 x 0.7 kW
Ozonator	1	1	1	1	1	1
Heater	1 x 3.0 kW	1 x 3.0 kW	1 x 3.0 kW	1 x 3.0 kW	1 x 3.0 kW	1 x 3.0 kW
Cartridge Filter	1	1	-	-	1	2
Pressure Filter	1	1	-	-	1	-
Skimmers	-	-	2	2	-	2
Controller	1	1	1	1	1	1
Optional						
Balboa Control System	●	●	●	●	●	●
Swim tether	-	-	-	-	-	-
Aquatic Rowing System	-	-	-	-	-	-
Aquatic Fitness Rope	-	-	-	-	-	-
Bar + Stool Package	●	●	●	●	-	●
15" Television	● (Inward)	● (Inward)	Included (32", Inward)	● (Inward, Outward, Pole)	● (Pole)	● (Inward, Outward, Pole)
Topside Music	●	●	Included (4 nos)	●	●	●
DVD	●	●	Included	●	●	●
Tub Tray	●	●	Included	●	●	●
Winter Cover	●	●	●	●	●	●
PVC Cabinet	●	●	●	●	-	●

Wellness
Portable Spas

Code	Above Ground Spas with cabinet - Comparison					
	Spa Escada	Spa Cleopatra	Spa Elegance	Spa Nereid	Spa Fairy	Spa Grace
						
General Information						
Size (mm)	2150x1900x800	2300x2300x930	2300×2300×930	2800×2300×930	2150×1900×630	Ø2280×930
Seating capacity	6 adults	5 adults + 2 children	6 adults + 1 baby	8 adults + 3 children	5 adults	7 adults
Water volume (liters)	1432	2380	2380	2785	1122	1760
Gross weight (kg)	320	455	435	611	180	365
Net weight (kg)	300	435	415	585	155	345
Water massage jets (total)	78	78	76	106	45	77
Air jets	12*	10*	12*	10*	8*	12*
Safe suction	3 pcs	3 pcs	3 pcs	3 pcs	2 pcs	3 pcs
Skimmer	1 set	1 set	1 set	1 set	1 set	1 set
Water massage pump	2x2 Hp	2 x 2 Hp	2 x 2 Hp	2 x 3 Hp	1 x 3 Hp / 1 x 1 Hp	2 x 2 Hp
Circulation pump	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp	1 x 0.5 Hp
Blower system	yes*	yes*	yes*	yes*	yes*	yes*
Heater system	2870W	2870W	2870W	2870W	2870W	2870W
Ozone system	450ml/h	450ml/h	450ml/h	450ml/h	450ml/h	450ml/h
Freeze protection	yes	yes	yes	yes	yes	yes
Flow protection	yes	yes	yes	yes	yes	yes
Perfect-core Therapy Control Center	yes	yes	yes	yes	yes	yes
Weatherable Polymer Cabinet	1 set	1 set	1 set	1 set	1 set	1 set
LED cup seat	3 pcs*	8 pcs*	-	3 pcs*	-	-
Bottom panel	yes*	yes*	yes*	yes*	yes*	yes
Insulation foam	A coat PU foam	A coat PU foam	A coat PU foam	A coat PU foam	A coat PU foam	A coat PU foam
Multi-color LED under water light	1 pc	1 pc	1 pc	1 pc	1 pc	1 pc
Multi-color LED light in the skit	4 panel*	1 pc	1 pc	-	4 panel*	1 pc
Waterfall luminescence multi-color LED light system	•	•	•	•	-	•*
Luminescence multi-color LED lighting system	•*	•	•	•*	•*	•*

Note: Items with "*" are optionals, need to order separate



Wellness
Portable Spas

Spa Sumatra

Specifications

Size: Ø2180 X 880mm

Capacity (seats): 8

Power Supply:
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 9 + 12

Volume: 176 gal

Plumbed Shell with jets and MEP equipment.

In-ground / above ground installation





Spa Rose

Specifications

Size Ø2400 X 1000mm

Capacity (seats): 6

Power Supply:
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 26 + 12

Water capacity: 252 gal

Plumbed Shell with jets and MEP equipment

In-ground / above ground installation





Wellness
Portable Spas

Spa Jawa

Specifications

Size: 2260X1910X980mm

Capacity (seats): 7

Power Supply:
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 7 + 12

Water capacity: 176 gal

Plumbed Shell with jets and MEP equipment.

In-ground / above ground installation.





Spa Mandura

Specifications

Size Ø3800 X 2400 X 1000mm

Capacity (seats): 14

Power Supply:
220 ~ 240V / 50 ~ 60Hz

Water Jets + Air Jets = 88 + 28

Water capacity: 486 gal

Plumbed Shell with jets and MEP equipment





Wellness
Filtration Kit for In-Ground Spas

Massage System, Filtration and Dosing of Chemicals

All the models in the In-Ground version possess the overflow gutter according to the European norms. The set up of parameters used in the filtration system is consistent with the DIN 19643 standard. The water filtration system includes: an integral overflow gutter, equalization tank, circulation pump, sand filter, water heating and the disinfection system. In the In-Ground version, all hydromassage and filtration appliances, except for the filter, are installed on the palette 100 x 150cm, placed together with the equalizing tank and the filter in a separate room. In the hydromassage system two massage pumps 1,1 kW have been used; the air massage system includes high capacity, radial air blower 1,3 kW. The heating system is based on the heat exchanger and the disinfection system is the automatic system with its own dosing pumps and the electronic measure of pH and content of chlorine.



Filtration System for In-Ground Spas mounted on a palette



Chemical Dosing for In-Ground Spas

Requirements for a technical room assigned for equipment installation:

1. Distance of the room from the bathroom.
2. Level of the technical room.
3. Dimensions of the machine room.
4. Other utilities of the machine room.

It is recommended to install the accompanying equipment in a separate room, in the way assuring the easy access in order to make the conservation maintenance service (filter, working valves etc). The distance between the machine room and the bath should not exceed 10 m. The floor of machine room has to be below the level of water in the spa (for better filtration and hydromassage). In this position the filtration pump and hydromassage pumps is flooded gravitationally.

- Spas for private use are provided with a standard pallet of dimensions of 100 x 150 cm. . Minimum dimensions of the machine room are 1.5 x 2.0 m, i.e. 3 m^2 (if the equalising tank is to be installed in the machinery room, the room area should be increased minimum by 3,5 m^2)
- The public spas require sand filter, size to be selected upon volume and usage. The size of the palette on which all the equipment together with the control box (except for sand filter) is placed, is 100 x 150 cm. The minimal dimensions of the machinery room: 3 x 2,5 m, that is 7,5 m^2 (in case of assembling the balance tank in the machine room, the room size should be increased minimum by 3,5 m^2)

Wellness
Portable Spas

Portable Spas - Comparison				
Code	SPA Sumatra	SPA Rose	SPA Jawa	SPA Mandura
				
General Information	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment	Plumbed shell with MEP equipment
Size (mm)	Ø2180×880	Ø2400×1000	2260×1910×980	3800×2400×1000
Water capacity (gal)	176	252	176	486
Colour	White	White	White	White
Capacity (persons)	8	6	7	14
Power supply	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60HZ	220-240V/50-60
Shell	Acrylic	Acrylic	Acrylic	Acrylic
Composition				
Bath Tub	1	1	1	1
Shelf	1	1	1	3
Air Jets	12	12	12	1
Massage Jets	9	-	7	-
Hydro Therapy Jets	-	26	-	1
SPA Lights	1	1	1	-
LED Optic Lights	-	14	-	12
Water Pipe	1	-	1	72
Drainage	1	1	1	2
Return	2	-	2	-
Transformer	1	-	1	-
Intake valves	-	2	-	19
Drainage Grille	-	1	-	2
Insulation	(Optional)	1	(Optional)	21
Hydro Massage Pump	-	2 x 2.0 HP	-	3 x 3.0 HP
Circulation Pump	-	1 x 1.0 HP	-	1 x 1.0 HP
Whirlpool Pump	2 x 1.5 HP	-	2 x 1.5 HP	-
Supply Pump	-	1 x 0.35 HP	-	1 x 0.35 HP
Air Blower	1 x 0.7 kW	1 x 0.7 kW	1 x 0.7 kW	2 x 0.7 kW
Ozonator	1	2	1	2
Heater	1 x 3.0 kW	1 x 3.0 kW	1 x 3.0 kW	1 x 3.0 kW
Cartridge Filter	1	1	1	1
Supply System	-	1	-	1
Water Tank	-	1	-	2
Controller	1	1 Balboa	1 Balboa (Optional)	1 (Balboa)
Optional				
15" Television	● (Pole)	-	-	-
Heavy Duty Spa Cover	-	●	●	●
i-pod	-	●	-	●
Subwoofer	-	-	-	●
Tub Tray	-	●	-	●
Winter Cover	●	●	-	●
PVC Skirt	-	●	●	●
PVC Step	-	●	●	●
Wooden Step	●	-	-	-
Wooden Skirt	●	-	-	-
Other Shell Colour	-	●	●	-
R-10 Insulation	-	●	-	-

Warming Mat
Atecpool heating mat

Atecpool Warming Mat - Floor warming Systems

Combine the highest comfort levels with maximum energy efficiency. It's a proven technology which is safe, reliable and energy efficient.





Features

- Single point connection
- Twin conductor cable
- Emits zero EMF (electromagnetic fields)
- Safety approved for wet locations
- Flexible installation
- Durable construction
- 25-year limited warranty against manufacturing defects
- The Warming Mat system includes a blue heating cable woven into an adhesive-backed red fiberglass mesh that allows for simple roll-out installation without worrying about heating cable spacing..

Atecpool Warming Mat - Heated Massage Beds

Tiled Massage beds with ATECPOOL Warming Mat. Used in Moroccan baths and Turkish Hamams for heated surface. Warming Mat applied beneath the plastering below the tiles with safety features. Completely regulated temperature control and easy installation.











Atecpool Warming Mat Specifications	
Cable Construction:	Twin conductor
Rated Voltage:	230V
Output:	150W/m² & 200W/m²
Cable Spacing:	80mm (150W/m²) & 80mm (200W/m²)
Cable Diameter:	3.6mm
Conductor Insulation:	Fluoropolymer
Outer Insulation:	PVC
Max. Ambient Temp:	85ºF (30ºC)
Min. Installation Temp:	40ºF (5ºC)
Cold Lead	2-wire plus ground braid; 2.5m length





Warming Mat
Atecpool heating mat

Atecpool Warming Mat - Touch Screen Programming Thermostat

Weekly circulation digital programming thermostat with LCD touch screen, which has 6 events everyday. Manual and programming mode could be selected. The thermostat is recommended for control of electric heating devices.



Code	Voltage	Dimensions	Power	Amps
	(V)	(mm)	(W)	(A)
WMTS001	220 / 230	86x86x44	2	15 (max)

Atecpool Warming Mat - Floor warming Systems

Selection of Warming Mat based on the floor material, thickness and area.
Used with wood, tiles, marble and stone flooring.

Code	Heated Area	Mat Dimensions	Power (150W/m²)	Amps	Resistance
	(m²)	(mtr x mtr)	(W)	(A)	Ω
WM150-1	1.0	0.5x2	150	0.7	352.7
WM225-1	1.5	0.5*3	225	1.0	235.1
WM300-2	2.0	0.5*4	300	1.3	176.3
WM375-2	2.5	0.5*5	375	1.6	141.1
WM450-3	3.0	0.5*6	450	2.0	117.6
WM535-3	3.5	0.5*7	525	2.3	100.8
WM600-4	4.0	0.5*8	600	2.6	88.2
WM675-4	4.5	0.5*8	675	2.9	78.4
WM750-5	5.0	0.5*10	750	3.3	70.5
WM900-6	6.0	0.5*12	900	3.9	58.8
WM1050-7	7.0	0.5*14	1050	4.6	50.4
WM1200-8	8.0	0.5*16	1200	5.2	44.1
WM1350-9	9.0	0.5*18	1350	5.9	39.2
WM1500-10	10	0.5*20	1500	6.5	35.3
WM1800-12	12	0.5*24	1800	7.8	29.4

Code	Heated Area	Mat Dimensions	Power (200W/m²)	Amps	Resistance
	(m²)	(mtr x mtr)	(W)	(A)	Ω
WM200-1	1.0	0.5*2	200	0.9	264.5
WM300-1	1.5	0.5*3	300	1.3	176.3
WM400-2	2.0	0.5*4	400	1.7	132.3
WM500-2	2.5	0.5*5	500	2.2	105.8
WM600-3	3.0	0.5*6	600	2.6	88.2
WM700-3	3.5	0.5*7	700	3.0	75.6
WM800-4	4.0	0.5*8	800	3.5	66.1
WM900-4	4.5	0.5*8	900	3.9	58.8
WM1000-5	5.0	0.5*10	1000	4.3	52.9
WM1200-6	6.0	0.5*12	1200	5.2	44.1
WM1400-7	7.0	0.5*14	1400	6.1	37.8
WM1600-8	8.0	0.5*16	1600	7.0	33.1
WM1800-9	9.0	0.5*18	1800	7.8	29.4
WM2000-10	10	0.5*20	2000	8.7	26.5
WM2400-12	12	0.5*24	2400	10.4	22.0

Wellness
Stainless Steel Relaxation

Air Bed Massage AISI 316

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



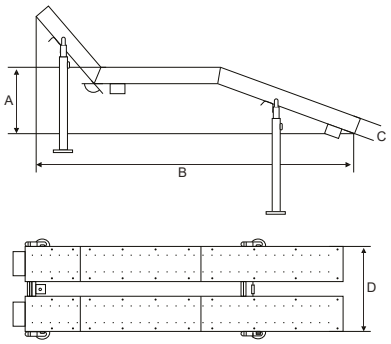
Specifications

- 140 orifices: Ø2.5mm
- 2 intakes on the base
- PVC installation base support (not included)
- Female connection: 1"
- Airflow: 245 m^3/h
- Recommended blower: AH420-321 2,2kW

Code	Description	Dimensions				Weight
		A	B	C	D	Kg
015993	Air Bed Massage AISI 316	560 mm	1445 mm	75 mm	370 mm	45







Foot Massage AISI 316

Made of Stainless Steel AISI 316. Available in three models: square, circular and rectangular air bubble systems. Custom size upon request.







Code	Description	Dimensions	Weight
		mm	Kg
015995	Circular Foot Massage AISI 316	Ø345	3.8
015996	Square Foot Massage AISI 316	300 X 300	5.5
015997	Square Foot Massage AISI 316	500 X 500	14.5
015998	Square Foot Massage AISI 316	750 X 750	28.5
015999	Rectangle Foot Massage AISI 316	520 X 170	3.8

Wellness
Massage Relaxation

Air Bed Massage

Air bed massage in fiberglass construction is specially designed for spa center swimming pool. Sit and relax, enjoy full body massage. Flow required : 23 m^3/hr



Specifications

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

Code	Description	Dimensions	
		Length	Width
0159AM	Air Bed Massage Fiberglass	1800 mm	680 mm

Air Chair Massage

Chair massage in fiberglass construction is specially designed for spa center swimming pool. Sit and relax, enjoy neck massage, shoulder massage, back massage, leg massage and feet massage. Flow required : 27 m^3/hr



Specifications

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

Code	Description	Dimensions	
		Length	Width
0159AC	Air Chair Massage Fiberglass	1100 mm	780 mm

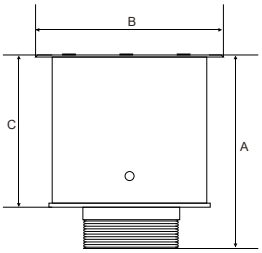
Wellness
Stainless Steel Relaxation

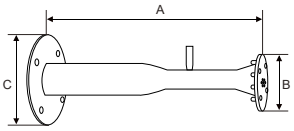
Wall Massage Nozzles

Made of AISI 316 with 2" threaded connection, 15 orifices of Ø3.5mm to provide quality massage. Provided with air venture for air-water mix massage. Available in two models: wall massage short nozzle and long type nozzle.



	Code	Dimensions			Weight
	Code	A	B	C	Kg
012991	Wall Massage Nozzle Short AISI 316	130 mm	120 mm	85 mm	1.15
012993	Wall Massage Nozzle Long AISI 316	410 mm	100 mm	165 mm	2.7





Stainless Steel Relaxation

Projects by Atecpool











Pool Bikes
Athletics Swimming Pool Bikes

Atecpool Inobike

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

Specifications

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



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

Atecpool Fitpool

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









Features

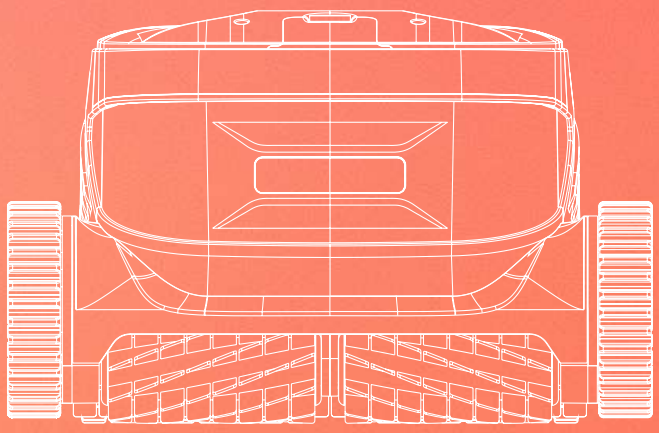
- Easy installation in 35 mins
- LED lighting
- Filtration pump
- Isothermal cover included
- Ladder included
- Dimension L. 184 x W. 184 x H. 127 cm

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

*Atecpool Inobike is suitable for Atecpool Fitpool

ATECPOOL

CLEANING EQUIPMENT



ATECPOOL INTERNATIONAL GROUP

atecpool.com



CLEANING EQUIPMENT

ATECPOOL INTERNATIONAL GROUP

ATECPOOL CLEANING EQUIPMENT



Ultimate cleaning robot

The world's first Robotic Pool Cleaner using Poseidon TM 200-meter. Deep-Sea Technology Underwater Special BLDC Motor.

Brightbot 6000 provides smart, thorough, and effort-free pool cleaning experiences, bringing limpidity back to your beloved pool. Our technology can turn that experience into an extremely rewarding one, by adding quality and safety with low maintenance routine, giving you and your family the best quality moments.

Atecpool Brightbot 6000 can be remote-controlled with **ATECPOOL APP** available to download in Google Play and App Store.

Atecpool Brightbot 6000
Pool Robot

Atecpool Brightbot 6000 Pool Robot

Robotic pool cleaner independently developed by ATECPOOL for private, public, commercial, and other scenarios.

The world's first Robotic Pool Cleaner using Poseidon TM 200-meter. Deep-Sea Teachnology Underwater Special BLDC Motor. Controlling the cleaning process with an APP "ATECPOOL Brightbot 6000" makes pool cleaning effort-free. Supported by Brightbot S-Clean and S- Climb technologies, 6000 can easily handle various pool shapes and pool wall climbing. The brushless motor, dual water suction pump, and dual active brush can ensure thorough, effective, and reliable pool cleaning works. The double-layer filter screen allows stratified filtering. The Tap 'n' Collect function allows you to remove Brightbot 6000 quickly and easily from a pool.

Optional caddy is available for easier transporting and storing.





BrightBot 6000 Exclusive APP



Scheduled cleaning



Unattended operation



One-key return

Atecpool Brightbot 6000 Pool Robot

Multifunctional Power Supply	Mode selection
	Countdown
	Wi-Fi state
	Error indicator
	Tap 'n' Collect
Pool size	300m²
Pool area	Bottom/Wall/Waterline
Cleaning mode	Fast/Regular/Super/Waterline/Bottom/Custom
Canister type	Double layer/Removable/Washable
Active brush	2

Cable length / Code	18m / Brightbot6000-18
	25m / Brightbot6000-25
Anti-tangle cable	YES
Drive system	Double + Stance
APP	YES
Wi-Fi	YES
Caddy	Optional
Regular cleaning (Cycle cleaning)	YES
Scheduling	YES
Manual mode	YES (APP control)



INTELLIGENTLY CONTROL WITH AN APP, JUST EFFORT-FREE

Atecpool Brightbot 6000 can be remote-controled with ATECPOOL APP.
Scheduled cleaning (timer and delay function), automation mode, Tap 'n' Collect feature are available in the APP. Other than the intelligent one-tap cleaning, you can also clean your pool using the lag-free manual mode.

Brightbot 6000 S-Clean technology, suitable for various pool shapes.



Square pool | Square pool | Amoeba-shaped pool

S-Climb technology, cleaning pool walls smart and easily



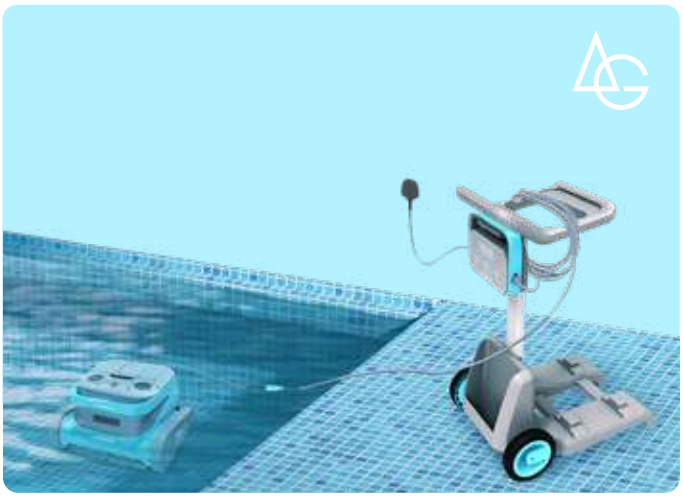
Wall | Step | Slope

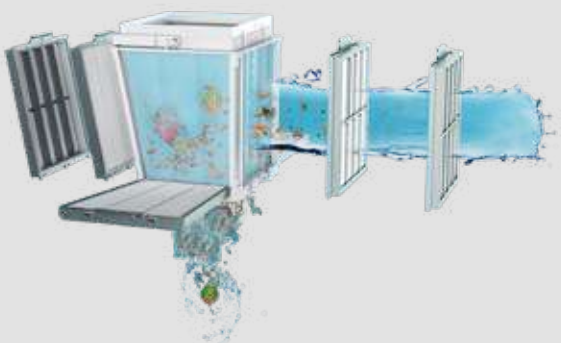
Brushless Motor, Reliable and Durable

Brightbot 6000 robotic pool cleaner adopts Brightbot brushless motors, which can reduce the interference of electric spark. The brushless motors can provide smooth, stable and reliable power, giving 6000 a long service life.

- **Can reduce the interference of electric spark**
- **Can provide smooth, stable and reliable power**
- **Can extended 6000´s service life**

Optional Caddy available





Double Layer Filter Screen Enables Stratified Filtering; Large Capacity, No Canister-Full

Brightbot 6000 has double-layer filter screens. The inner rough filter can screen out tinny stones, gravels, and twigs, while the outer filter panels have more excellent fineness and can filter soil, debris and lipid.

The 6L exra large canister sets you free from worrying about its capacity. It only needs one press to access the canister and then you can give it daily cleanings.

Cleaning Accessories
Vacuum Heads

Cleanstar Heavy-Duty Aluminium Vacuum Heads

- Made of anodized aluminium
- Ideal for in-ground pools, the unique 3- section articulated body enables vacuuming into the base of pool walls
- Extra heavy weight for easy gliding. Heavy-duty metal handle with pivot maintains good surface contact
- Non-slip wheels with stainless steel hardware
- Full-length underside brushes help dislodge debris
- EZ-clip handle facilitates connection to standard telepole. Fits 38mm/ 11/2" and 50mm / 2" vacuum hoses
- New reinforced nylon structure



CS393CBX

Cleanstar Aluminium Articulated Vacuum Head

Code	Description	Weight	Volume
		(kg)	(m^3)
CS393CBX	35cm / 14" CS Articulated Aluminium Vacuum Head	2.4	0.008
CS394CBX	45cm / 18" CS Articulated Aluminium Vacuum Head	2.8	0.008



CS3934

Cleanstar Anodized Aluminium Vacuum Head

Code	Description	Weight	Volume
		(kg)	(m^3)
CS3934	35cm / 14" CS Aluminium Vacuum Head	2.0	0.008
CS3938	45cm / 18" CS Aluminium Vacuum Head	2.2	0.008

Cleanstar Flexible Vacuum Heads

Extra wide flexible body with ball-bearing wheels for smooth and easy gliding. Extra strong spring-loaded metal handle. Fits 38mm / 11/2" vacuum hoses.



CS763

Cleanstar Premium Extra Weight Vacuum Head

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

Code	Description	Weight	Volume
		(kg)	(m^3)
CS763	35cm / 14" CS Premium Extra Weight Vacuum Head	2.2	0.008



CS902

Cleanstar Flexible Vacuum Head 35 cm / 14"

Code	Description	Weight	Volume
		(kg)	(m^3)
CS902	35cm / 14" CS Flexible Vacuum Head	1.2	0.008



CS894

Cleanstar Flexible Vacuum Head 48 cm / 19"

Code	Description	Weight	Volume
		(kg)	(m^3)
CS894	48cm / 19" CS Flexible Vacuum Head	1.6	0.008

Cleaning Accessories
Vacuum Heads and Handles


00510927

Triangular Vacuum Head

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

Code	Description	Weight	Volume
		(kg)	(m^3)
00510927	Triangular Vacuum Head	1.0	0.008


005109125

Flexible Vacuum Head Deluxe 35 cm / 14"

Flexible vacuum head with side brushes made in blue and white polyethylene.

35 cm head with 8 wheels and side brushes. Handle with swivel system. 1 1/2" hose connection and outer 2".

Code	Description	Weight	Volume
		(kg)	(m^3)
005109125	Flexo Vacuum head	1.1	0.008


00500011

Aluminium Vacuum Head

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

Code	Description	Weight	Volume
		(kg)	(m^3)
00500010	35cm / 14" Aluminium Vacuum Head	2.0	0.008
00500011	45cm / 18" Aluminium Vacuum Head	2.2	0.008

Telescopic Poles


CS451

Cleanstar Telescopic Pole Corrugated

Extra heavy duty tubes with 1.4 mm wall thickness. Anodized aluminium in golden color. Ergonomically shaped lock and grip in dual material. Inner core made of hard and durable ABS. Soft comfortable grip.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS451	Telescopic Pole 1.8 - 3.2 mtr GOLDEN	1.3	0.005
CS401	Telescopic Pole 2.4 - 4.8 mtr GOLDEN	1.8	0.005


00105001

Telescopic Pole Blue Professional

Telescopic pole in aluminium up to 4.8 m. Corrugated professional model for large pools, extra strong with 1.4 mm thickness.

Code	Description	Weight	Volume
		(kg)	(m^3)
00105001	Telescopic Pole 1.2 - 2.4 mtr BLUE Professional	1.2	0.005
00105001-1	Telescopic Pole 2.4 - 4.8 mtr BLUE Professional	1.8	0.005
00105001-2	Telescopic Pole 3.6 - 7.2 mtr BLUE Professional	3.2	0.005

Cleaning Accessories
Brushes and Leaf Rakes



Cleanstar Wall Brush Curved Metal Back

With long-lasting nylon bristles. Gold anodized aluminum handles.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS494	45cm / 18" CS Metal Back Wall Brushes	0.6	0.008
CS495	60cm / 24" CS Metal Back Wall Brushes	1.0	0.008
CS496	90cm / 36" CS Metal Back Wall Brushes	1.2	0.008


00510930

Wall Brush Curved

Curved brush 45 cm Clip type. Nylon bristles.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510930	45 cm Wall Brush Curved	0.3	0.008


00510932

Wall Brush Straight

Straight brush 26 cm Clip type. Nylon bristles.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510932	26cm Wall Brush Straight	0.2	0.008


00510933

Algae Brush S.S. Bristles

Algae model brush 26 cm. Stainless Steel bristles. Clip type.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510933	26cm Algae Brush SS Bristles	0.2	0.008


CS160

Cleanstar Deep Leaf Rake Aluminium

Heavy gauge aluminium frame and handle. Heavy-duty nylon net.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS160	CS Deep Leaf Rake	0.4	0.008


CS161

Cleanstar Surface Leaf Skimmer Aluminium

Heavy gauge aluminium frame and handle. Heavy-duty nylon net.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS161	CS Surface Leaf Skimmer	0.3	0.008

Cleaning Accessories
Floating Hose & Test Kit



00510934

Surface Leaf Net

Leaf Net Surface model. Manufactured in blue Polypropylene. The polyester net is welded to the leaf net frame.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510934	Surface Leaf Net	0.22	0.008



00510935

Deep Leaf Net Deluxe

Leaf Net Deep model. Manufactured in blue Polypropylene. The polyester net is welded to the leaf net frame.

Code	Description	Weight	Volume
		(kg)	(m^3)
00510935	Leaf Net Deep	0.3	0.008



CS353

Cleanstar Floating Hose

High-performance vacuum hose Ø38mm / 1 1/2" with smooth internal walls to improve flow. Includes glued cuffs at each end. Shrink-wrap packaging.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS353	Cleanstar Floating Hose 10 mtr	3.0	0.008
CS355	Cleanstar Floating Hose 12 mtr	4.5	0.008
CS396	Cleanstar Floating Hose 15 mtr	5.6	0.008
CS357	Cleanstar Floating Hose 30 mtr	11.2	0.008



CS529

Cleanstar 3-Way Test Kit pH & CL/BR

Measures pH, bromine / chlorine. Easy to read, and a more accurate scale. Includes 20ml (0.7 Fl. Oz.) phenol red & OTO reagents. Reagent bottles equipped with safety tops, for extra security.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS529	CS 3-Way Test Kit	0.4	0.008



CS102

Cleanstar 2-Way Test Kit Refills OTO & pH RED

20ml (0.7 Fl. Oz.) phenol red & OTO reagents. Reagent bottles equipped with safety tops, for extra security.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS102	CS 2-Way Test Refills	0.2	0.008

Cleaning Accessories
Digital Test Kit

Lovibond Scuba II Digital Test Kit



Specifications

- Every pool owner should check the most important parameters in his pool at regular intervals. This is the only way to ensure that water quality is maintained at the right level and to arrange dosing in an optimum manner.
- The Scuba II enables the operator to check the pool water quickly and accurately. The integrated sample chamber is filled by immersing it in the water.
- A tablet reagent is added and generates a characteristic colour which can be measured using the photometric principle. The result is then displayed on the screen. Five parameters: free chlorine, total chlorine, pH, alkalinity and stabilizer (cyanuric acid) are measured within a few minutes.

Code	Description	Optics	Power	Display	Dimensions	Weight
					(mm)	(kg)
00505078	Scuba II Test Kit	Temperature-compensated LED (λ = 530 nm) and photo-sensor	2 batteries (AAA), capacity ca. 100 tests	LCD	145 x 70 x 45	0.165



Floating Dispenser

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

Code	Description	Diameter of tablet	Unit
		inch	
00505338	Floating dispenser	3"	1


CS608



Cleanstar Jumbo Float Thermometer

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

Code	Description	Weight	Volume
		(kg)	(m^3)
CS608	CS Jumbo Float Thermometer	0.4	0.008


CS785

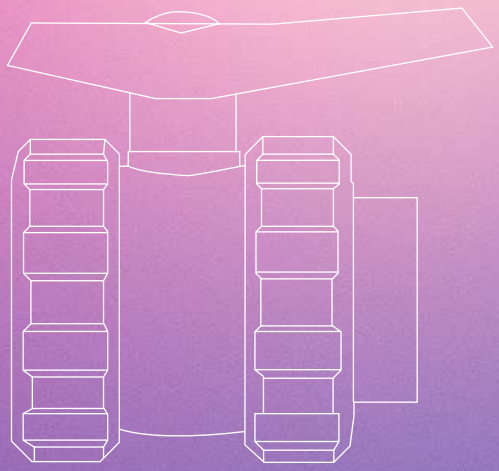
Cleanstar Character Thermometer

Each item is in complete clamshell packaging, or ready-to-sell color display tray of 12pcs. High quality roto-molded body in 6 phthalate free-material. Large clear view thermometer scale. Includes securing cord. Characters like duck, dolphin, turtle, etc.

Code	Description	Weight	Volume
		(kg)	(m^3)
CS785	CS Character Thermometers	0.1	0.008

ATECPOOL

VALVES & UNIONS



ATECPOOL INTERNATIONAL GROUP



VALVES & UNIONS

ATECPOOL INTERNATIONAL GROUP

ATECPOOL VALVES & UNIONS



ATECPOOL created a new line of valves as an evolution with considerable improvements at a functional and ergonomic level.

The new nuts allow a better grip for tightening. The O-rings on the seats provide high torque stability and the design of the seats ensures smooth operation.

The new lever has a more ergonomic design and is bolted to prevent vandalism. Finally, the new stems have been optimised for increased strength and easier motorisation. It has been completely revised to remain a reference valve that still offers maximum efficiency and reliability.

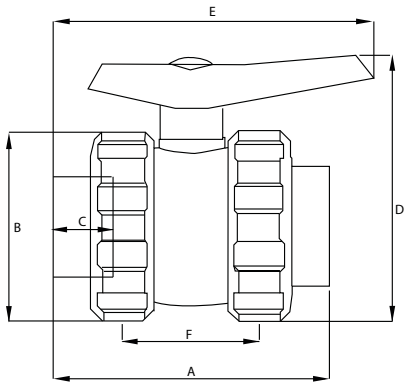
PVC - U Ball Valves
PE-EPDM

Atecpool Ball Valve

PE ball seat, EPDM o-rings. Solvent socket.



Code	Description	PN	Net W.	Volume	Gross W.	Total Units (1 box)
			(kg)	(m³)	(kg)	
11280	Ball Valve ½"	PN16	0.158	0.01553	6.65	40
11281	Ball Valve ¾"	PN16	0.198	0.02244	8.42	40
11282	Ball Valve 1"	PN16	0.343	0.03129	10.86	30
11283	Ball Valve 1 ¼"	PN16	0.579	0.03129	12.56	20
11284	Ball Valve 1 ½"	PN16	0.860	0.03129	13.44	15
11285	Ball Valve 2"	PN16	1.372	0.03682	14.19	10
11286	Ball Valve 2 ½"	PN10	2.698	0.03129	11.37	4
11287	Ball Valve 3"	PN10	4.351	0.02244	9.19	2
11288	Ball Valve 4"	PN10	6.445	0.04460	13.62	2



Code	Size	DN	A	B	C	D	E	F
			(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
11280	½"	15	84	52	16	78	92	47
11281	¾"	20	96	59	19	84	92	51
11282	1"	25	117	70	23	97	138	66
11283	1 ¼"	32	132	84	25	128	160	72
11284	1 ½"	40	149	99	31	142	169	77
11285	2"	50	173	121	38	165	188	90
11286	2 ½"	65	215	151	45	222	281	121
11287	3"	80	255	175	51	244	301	141
11288	4"	100	267	210	61	307	426	155

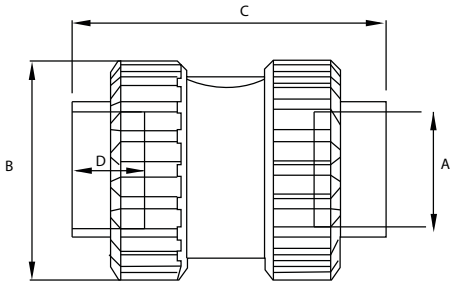
PVC - U Check Valve
With Spring

Atecpool Check Valve

EPDM o-rings. Solvent socket. Stainless steel 304 spring.



Code	Description	PN	Net W.	Volume	Gross W.	Total Units (1 box)
			(kg)	(m^3)	(kg)	
16081	Check Valve ½"	PN16	0.133	0.01553	5.77	40
16082	Check Valve ¾"	PN16	0.174	0.02243	7.47	40
16083	Check Valve 1"	PN16	0.288	0.02244	9.14	30
16084	Check Valve 1 ¼"	PN16	0.481	0.02244	10.15	20
16085	Check Valve 1 ½"	PN16	0.706	0.02244	8.71	12
16086	Check Valve 2"	PN16	1.152	0.03129	11.84	10
16087	Check Valve 2 ½"	PN10	2.218	0.03129	9.56	4
16088	Check Valve 3"	PN10	3.484	0.02244	7.78	2
16089	Check Valve 4"	PN10	3.764	0.02244	8.38	2



Code	Size	DN	A	B	C	D
			(mm)	(mm)	(mm)	(mm)
16081	½"	15	20	52	85	16
16082	¾"	20	25	59	94	19
16083	1"	25	32	69	121	23
16084	1 ¼"	32	40	84	133	27
16085	1 ½"	40	50	99	150	32
16086	2	50	63	120	176	39
16087	2 ½	65	75	151	218	45
16088	3	80	90	175	260	52
16089	4	80	110	179	290	62

Butterfly Valve
Electric Actuation

Butterfly Valve with Electrical Actuator

Voltage options 12VDC. EPDM U-PVC



Code	Description	Net W.	Volume	Gross W.	Total Units (1 box)
		(kg)	(m^3)	(kg)	
09099	Buterfly Valve w/Electric Actuator 63mm	3.288	0.03100	3.65	1
09100	Buterfly Valve w/Electric Actuator 75mm	3.498	0.03100	3.86	1
09862	Buterfly Valve w/Electric Actuator 90mm	4.300	0.04460	5.21	1
09863	Buterfly Valve w/Electric Actuator 110mm	4.740	0.04460	5.47	1
09864	Buterfly Valve w/Electric Actuator 125mm	5.190	0.06150	6.11	1
09865	Buterfly Valve w/Electric Actuator 140mm	8.575	0.06150	9.50	1
09866	Buterfly Valve w/Electric Actuator 160mm	8.978	0.08678	10.00	1
09106	Buterfly Valve w/Electric Actuator 200mm	11.444	0.06149	14.24	1
09107	Buterfly Valve w/Electric Actuator 250mm	16.754	0.16000	19.21	1

Butterfly Valve with Pneumatic Actuator

Simple effect pneumatic actuation



Code	Description	Net W.	Volume	Gross W.	Total Units
		(kg)	(m^3)	(kg)	(1 box)
09109	Buterfly Valve w/Pneumatic Actuator 63mm	4.668	0.03129	5.24	1
09110	Buterfly Valve w/Pneumatic Actuator 75mm	4.295	0.02243	4.79	1
09873	Buterfly Valve w/Pneumatic Actuator 90mm	5.226	0.02243	5.71	1
09874	Buterfly Valve w/Pneumatic Actuator 110mm	9.705	0.04460	10.44	1
09875	Buterfly Valve w/Pneumatic Actuator 125mm	9.333	0.06150	10.31	1
09876	Buterfly Valve w/Pneumatic Actuator 140mm	12.636	0.06150	13.48	1
09877	Buterfly Valve w/Pneumatic Actuator 160mm	14.433	0.04460	15.16	1
09116	Buterfly Valve w/Pneumatic Actuator 200mm	17.137	0.06150	18.12	1
09117	Buterfly Valve w/Pneumatic Actuator 250mm	25.515	0.06879	27.13	1

Union Solvent Socket
Union Coupling Solvent Socket

Union Solvent Socket with PVC Nut, 2 Pieces



Code	Description	Volume	Net W.
		(m3)	(kg)
01909	Union Solvent Socket w/Nut 50mm	0.0312	0.193
01919	Union Solvent Socket w/Nut 63mm	0.0446	0.311

Union Solvent Socket



Code	Description	Volume	Net W.
		(m^3)	(kg)
01855	Union Solvent Socket 1 ½"	0.0312	0.085
95084	Union Solvent Socket 2"	0.0446	0.154

Transition Coupling Solvent Socket BS-DIN



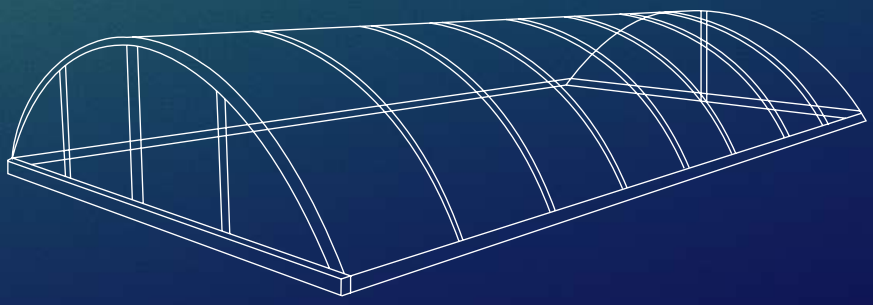
Code	Description	Net W.	Volume	Gross W.	Total Units
		(kg)	(m^3)	(kg)	(1 box)
01900	Transition Coupling Solvent Socket 90 - 3" BS-DIN	0.457	0.02280	7.67	16
01901	Transition Coupling Solvent Socket 110 - 4" BS-DIN	0.698	0.03129	8.95	12
01903	Transition Coupling Solvent Socket 160 - 6" BS-DIN	1.411	0.04879	9.04	6





ATECPOOL

POOL COVERS



ATECPOOL INTERNATIONAL GROUP

atecpool.com



POOL COVERS

ATECPOOL
INTERNATIONAL
GROUP

ATECPOOL 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. A safety pool cover allows you to protect this sanctuary, along with those you care most about.

KIDS SAFETY

Atecpool Pool Covers
Manual safety covers

ATECPOOL MANUAL SAFETY POOL COVER

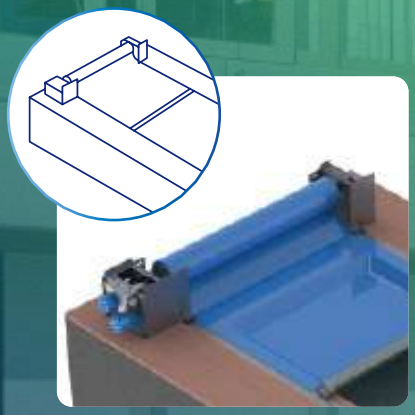
Manual Safety Pool Cover
consist of the following components:

- Anodized aluminium tracks installed along the edge of the pool (either on the deck or below the coping).
- Reinforced PVC canvas with UV-stabilization and anti-grease treatment.
- Anodized aluminium leading bar to which the canvas is secured.

Type of Installations

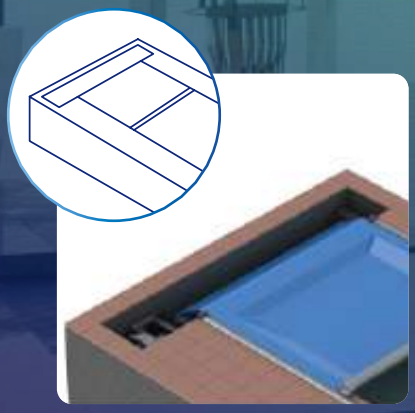
- Top Installation with Top / Flat tracks
(Both Driving & Guiding systems installed on top of the patio).
- Under installation with Top / Flat tracks
(Driving system under the patio Guiding system on top of the patio).
- Under Installation with In-wall tracks
(Driving system under the patio Guiding system inside the pool walls).

ATECPOOL POOL COVER



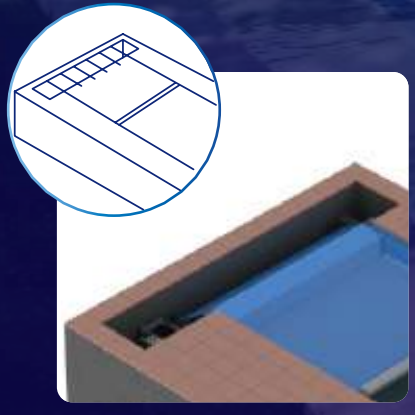
FLAT/TOP Track TOP Mechanism

This installation is ideal for existing pools as it requires minimal work to be carried out around your pool. The track is positioned on the patio or the coping stone along the pool and the mechanism is installed on the deck level. It is the easiest solution for existing pools but can also be used for pools which are newly built.



FLAT/TOP Track UNDER Mechanism

If you are considering/willing to have some work done around your existing pool, or if you have a freeform / odd-shaped pool / overflow pool, this type of installation could be most suitable. The principle is the same as described above except that the mechanism is positioned inside a pit below the deck level. The pit for the mechanism must be built according to DPC requirements.



UNDER Track UNDER Mechanism

This type of installation is used only for rectangular newly-constructed skimmer-type pools or skimmer-type pools which are being renovated. This is because the track must be installed under the coping stones and above the level of the water. The mechanism is usually installed below the deck level in this case, so a pit for the mechanism must be built.

Atecpool Pool Covers
Manual safety covers



Manual Safety Pool Cover is the most cost-effective way of making your pool safe. The system has the same basic components (tracks, leading bar, roller and canvas) as the automatic safety cover. A mechanism with crank is used to wind up the canvas on the roller and uncover the pool, and a rope is used to pull the cover on to the pool to close it.

Available with UNDER (recessed) mechanisms, which means that they can also be concealed inside a purpose-made pit like the automatic covers. The size of the pit and tracks used are the same as the automatic covers, making it easy to upgrade to an automatic cover.

Safety Cover Ordering Info: Pls consult our service team with ordering information such as Length, Width, Diagonal pool measurements , selection of Top/ Flat/In-wall Tracks, Coping type and size , Coping overhanging measurements, Track Positioning etc.









Safety Pool Covers
Manual



Loop-Loc - Super Dense Mesh

Protect your family with the only mesh pool cover that passed the elephant test.

Is environmentally-friendly because its 100% ultra-strong polypropylene material (0% vinyl) is 100% recyclable. Bounces back better and drains super fast. No more ugly pockets of water and debris that is found with typical solid vinyl covers. Requires no scrubbing or heavy maintenance like solid waterbag covers. And it’s much lighter in weight than typical solid vinyl covers, so putting it on and taking it off your pool is a snap! Fits any pool or spa perfectly, from a simple square to a complex installation with a custom cover.



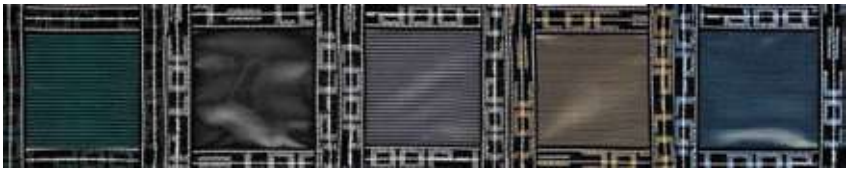
Before

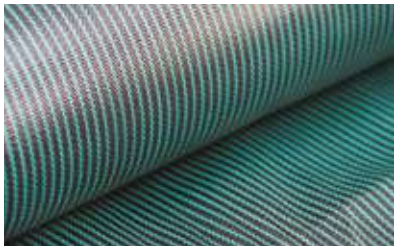


After



Complement your outdoor decor - Choose your colour





Safety Pool Covers
Manual

Commercial Safety Covers

LOOP-LOC® keeps your facility safe and saves you money. In the off season, an empty, unsupervised commercial pool can be an invitation for disaster. Locked gates or fences alone have often proved ineffective in preventing children and pets from gaining access to the pool area.



Accessories



Material

Polypropylene-extruded monofilament yarn. 525 denier in the warp and 595 denier in fill. 41 x 20 construction plus 80% minimum black yarn and 20% minimum green yarn for best U.V. stability. Burst strength of material is 650 P.S.I..

Safety Barrier

Solid, virgin vinyl 3" extrusion for raised walls, etc., and 15" extrusion for raised steps as needed to meet (or exceed) ASTM Safety Standard F 1346-91. LOOP-LOC Patent No. 4,982,457.

Anchors

Brass, flush-mounted in deck with screw-type insert. 4,000 pound break strength at neck.

ULTRA-LOC®

Polypropylene laminated, polypropylene reinforced. UV stable, burst strength of 650PSI (min).

Thread

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

Installation Tools

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

Webbing

1" wide polypropylene, polyester with nylon filler. Minimum break strength: 2,100 pounds single. To be used double-thick for minimum strap break-strength of 4,200 pounds. Minimum 90% black yarn. (Cotton, wool or other natural fibers treated or untreated are unacceptable for safety cover use).

Standard Springs

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

Finished Cover

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

Chafing strips

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

Commercial Springs

Made from the same high quality material as our standard springs, 302/304 stainless steel. Draw-bar and coil wire diameter increased to handle larger load capacities with thick vinyl tubular deck-protective covers. For covers over 2,500 sq. ft..

Warranty

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

Notes

Notes

Inspired by Water

Atecpool™ Brand
Mission, Vision and Quality Policy

VISION:

ATECPOOL, inspired by water, is set to lead the swimming pool industry by positioning as the number one pool brand in the world.

MISSION:

To deliver high quality products and services at competitive prices. We will ensure longevity through the loyalty of our customers, won by our dedication to timeliness, attention to detail and the highest levels of professionalism, integrity and honesty.

QUALITY POLICY:

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

ISO 9001: 2015

Atecpool™ Brand
Atecpool International Group



Inspired by Water

ATECPOOL INTERNATIONAL GROUP

OUR BRANCHES AROUND THE WORLD

ATECPOOL INTERNACIONAL ESPAÑA

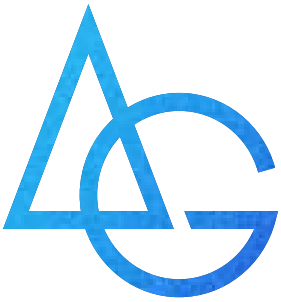
ATECPOOL INTERNATIONAL UAE

ATECPOOL INTERNATIONAL NETHERLANDS

ATECPOOL INTERNATIONAL INDIA

ATECPOOL INTERNATIONAL VIETNAM

ATECPOOL INTERNATIONAL MALAYSIA



ATECPOOL
INTERNATIONAL
GROUP

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atecpool.com

Inspired by Water

PRODUCT CATALOGUE 2023 / 2024

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