



POOL FILTRATION



Pool Filtration

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

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



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

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



Atecpool Filtration

Next Generation of Filtering

The healthy core of a swimming pool



**Water
Care**



**High
Quality**



**Great
Finishing**



**Long
life-span**



ATECPOOL
INTERNATIONAL
GROUP

atecpool.com

Atecpool Ocea

Laminated Filter

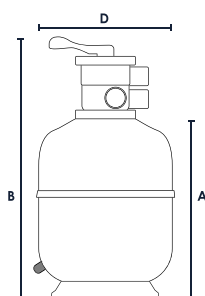
Ocea Laminated Filter Specifications

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

- Maximum working temperature : 40°C
- Fiberglass reinforced polyester base
- Injected interior parts in ABS and PVC
- Collector system using laterals 0.3mm slot

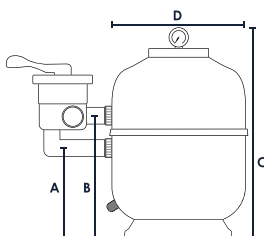
- Closed top lid in two options
 - Transparent Glass Lid with nuts and gaskets
 - Injected ABS with nuts and gaskets
- Equipped with 2" sand/water drain
- All gaskets in silicon
- Maximum working pressure: 2.5 kg/cm².
- Supplied with MPV

Ocea Top Mounted Sand Filters



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

Ocea Side Mounted Sand Filters



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

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

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

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

Recommended to
be used with
Activated Filtration
Media



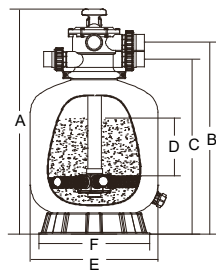
Atecpool Bobinados Plus

Bobbin Wound Filters

Atecpool Bobinados Plus Top Mounted Filter

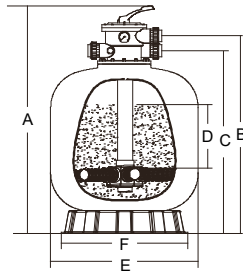
- Bobbin-wound fiberglass reinforced tank with UV-resistant surface finish
- Supplied with pressure gauge, manual air vent, water purge and multiport valve
- Maximum working pressure: 2.5 kg/cm²
- Max temperature of 50°C
- Universal standard of union connection provided
- Suggested size of media: 0.5 - 0.8 mm
- Maximum filtration velocity: 50 m³/hr/m²
- Equipped with top multiport valve with 6-way functions.
- ABS Laterals.

ATECPOOL Bobinados Plus Clamp Style MPV



Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m ³ /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	m ³ /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 m ²	Dimensions (mm)					
		A	B	C	D	E	F
		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



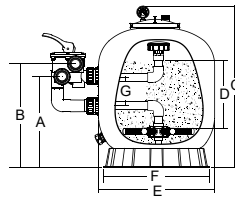
Atecpool Bobinados Plus

Bobbin Wound Filters

Atecpool Bobinados Plus Side Mounted Filter

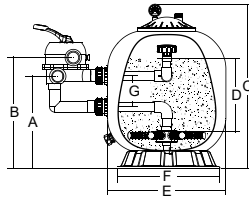
- Bobbin-wound fiberglass reinforced tank with UV-resistant surface finish
- Transparent lid is designed for easy inspection of sand bed.
- Supplied with pressure gauge, manual air vent, water purge and multiport valve.
- Maximum working pressure: 2.5 kg/cm².
- Max temperature of 50°C
- Universal standard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

ATECPPOOL Bobinados Plus Transparent Lid Model



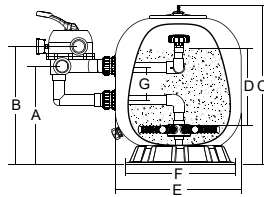
Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m ³ /h	inches	kg
60450	450	8	1 1/2"	45
60500	500	11	1 1/2"	85
60650	650	16	1 1/2"	145
60700	700	20	1 1/2"	210

ATECPPOOL Bobinados Plus Injected Lid with Bolts



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

ATECPPOOL Bobinados Plus Quick Closing Lid



Code	Diameter	Max Flow	Valve Connections	Sand	Gravel
	Ø mm	m ³ /h	inches	kg	kg
60902	900	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 m³/h/m² - Maximum working pressure: 2.5 kg/cm² - Testing Pressure: 4 kg/cm².

Code	Filtration Area	Dimensions (mm)						
	m ²	A	B	C	D	E	F	G
		mm						
60450	0.16	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



Atecpool Blow Moulded Electa Filter

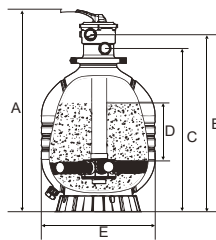
Electa Filter Specifications

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

- Unique one-piece clamp with screw-type lock designed to simplify installation and allow tool-free servicing.
- Maximum working pressure 2.5 bar

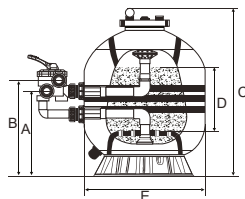
- Max temperature of 50°C (122°F)
- Universal Standard of union connection provided
- ABS lateral provided
- Suggested size of media: 0.5 - 0.8 mm
- Equipped with multiport valve with 6-way functions.
- Easy-to-read pressure gauge for easy inspection.
- Maximum Filtration Velocity : 50 m³/hr/m².

Electa Top Mounted Sand Filters



Code	Diameter	Max Flow	Valve Connections	Sand
	Ø mm	m ³ /h	inches	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 m³/h/m² - Maximum working pressure: 2.5 kg/cm² - Testing Pressure: 4 kg/cm².

Code	Diameter	Valve Connection	Filtration Area	Dimensions				
				A	B	C	D	E
TOP MOUNTED	Ø mm	inches	m²	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=50m³/h/m²

Recommended to
be used with
Activated Filtration
Media

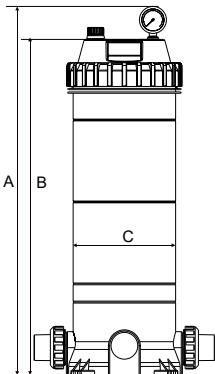


Atecpool Cartridge Filter

PP & Fiberglass body

Atecpool Cartridge Filter

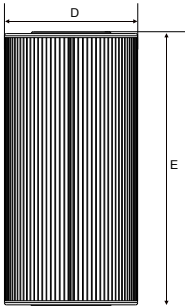
- Body made in PP and fiberglass.
- Complete with pressure gauge and manual air vent.
- Compact and light weight.
- Heavy duty ring-lock lid allows easy cleaning and replacement of the cartridge element.
- High Filtration Capacity.
- Screw type air bleeder for easy removal of trapped air inside the filter tank.
- Maximum water temperature: 40°C
- Maximum operation pressure: 2.5 Bar.
- Filtration velocity of 1.8 m³/hr/m²



Code	Filtration area	Valve Connections	Max Flow Rate	Dimension (mm)		
	m²		m³/h	A (Height)	B	C
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

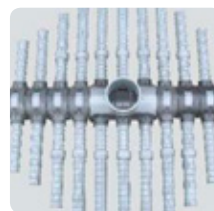
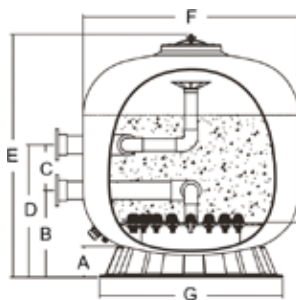
Filter diameters ranges from 1200 - 2500 mm.

Developed to meet the most demanding installations for:

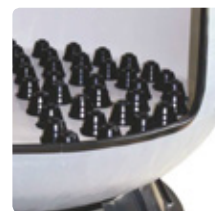
- Olympic pools, semi-olympic pools, aquatic parks and water treatment.
- Maximum working pressure: 2.5 kg/cm².
Filters with 4Kg/cm² working pressure can be made on request.
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration.
- Spiral cover system supports the operations of opening and closing.
- Filters supplied with flange connection from 3" to 8" for connection to a battery of 4/5 butterfly valves.

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

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



Standard internal distribution system



Nozzle plate internal distribution system

Recommended to be used with Activated Filtration Media



Code	Diameter	Filtration Velocity	Flow Rate	Valve Connections	Filtration Area	Sand	Gravel
	Ø mm	m ³ /h/m ²	m ³ /h	inches	m ²	kg	kg
06831200	1200	30	33	3"	113	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/cm².

Testing pressure: 4kg / cm².

Operating Water Temperature: 1-50°C

Note:

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

Atecpool Bobinados Commercial Plus

Bobbin Wound Filters

Filtration Bed 1 meter

Atecpool Commercial Plus Filter

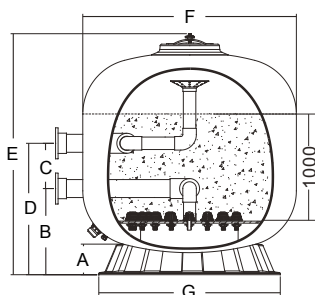
Filter diameters ranges from 1050 - 2200 mm.

Developed to meet the most demanding installations for:

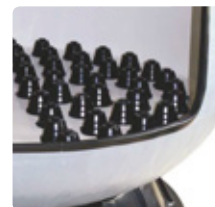
- Olympic pools, semi-olympic pools, aquatic parks and water treatment.
- Maximum working pressure: 2.5 kg/cm².
Filters with 4 kg/cm² working pressure can be made on request.
- Extensive construction with polyester and glass fiber winding
- High resistance and high quality of water filtration.
- Spiral cover system supports the operations of opening and closing.

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

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



Standard internal distribution system



Nozzle plate internal distribution system

Recommended to be used with Activated Filtration Media



Code	Diameter	Filtration Velocity	Flow Rate	Flanges Connections	Filtration Area	Sand	Gravel
	Ø mm	m ³ /h/m ²	m ³ /h	inches	m ²	kg	kg
06851050	1050	30	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				

Code	Diameter	A	B	C	D	E	F	G
	D Ø 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



Options:

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



Maximum working pressure: 2.5 kg/cm²

Testing pressure: 4kg / cm².

Max water temperature: 43°C

Note:

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

Atecpool Inox AISI 316

Stainless Steel Filter

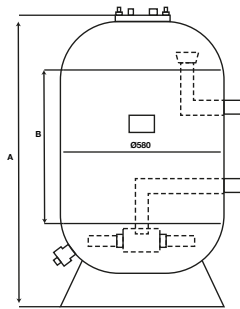
Atecpool Zodiac Stainless Steel AISI 316 Filter

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

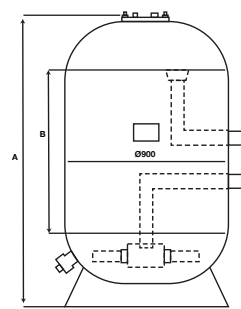


Working Pressure : 3Kg/cm² - Testing Pressure: 4kg/cm²

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



Code: 77500

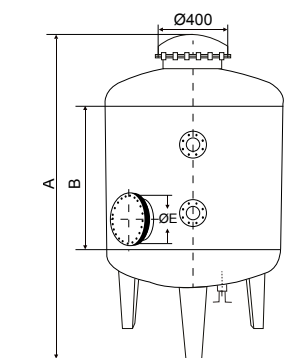


Code: 78900

Atecpool Classic Stainless Steel AISI 316 Filter

Atecpool Classic Stainless Steel AISI 316 Filter

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



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

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

Atecpool Valve Manifold

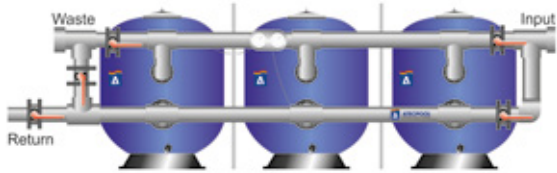
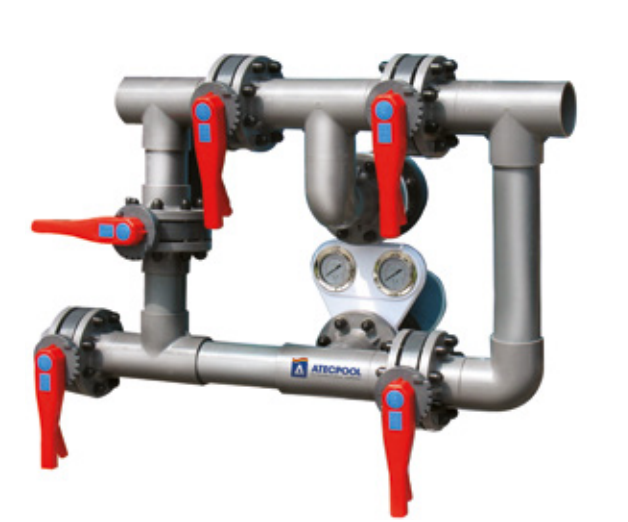
Manual or Automatically driven

Atecpool Manual Valve Manifold

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

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

All manifolds are supplied assembled without support brackets.



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



Atecpool Automatic Valve Manifold

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

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

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

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



Atecpool Valve Manifold - Electrically actuated

Code	Description	Connections	
Electric		inches	
AVO683	5 - valve battery E	D80	3"
AVO684	5 - valve battery E	D100	4"
AVO685	5 - valve battery E	D150	6"
AVO686	5 - valve battery E	D200	8"

Atecpool Valve Manifold - Pneumatically actuated

Code	Description	Connection	
Pneumatic		inches	
AVO691	5 - valve battery P	D80	3"
AVO692	5 - valve battery P	D100	4"
AVO693	5 - valve battery P	D150	6"
AVO694	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.

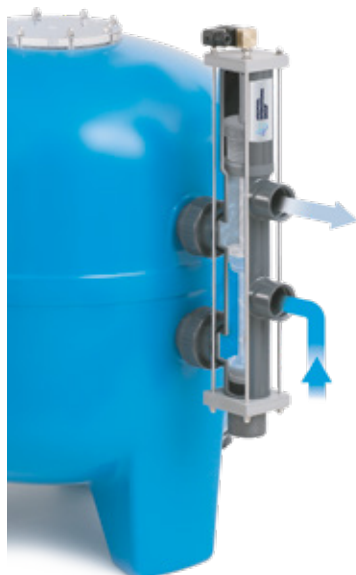
- **Outstanding reliability:** The automatic backwash valve opens by means of water pressure and closes under pressure from a spring. In the eventuality of electrical failure the Atecpool Besgo valve returns automatically to the "Filter" position. Unintentional draining of the pool is not possible.
- **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.

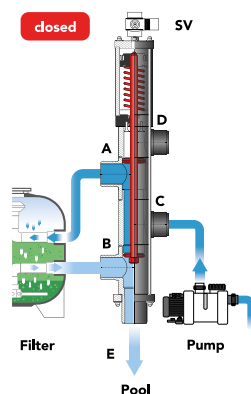


Code	Description	Connection	Flow Rate
		inches	m³/h
AV3103	DN40 / D50	1.5"	20
AV3201	DN50 / D63	2"	30
AV3301	DN65 / D75	2.5"	45
AV3401	DN80 / D90	3"	65
AV3501	DN100 / D110	4"	95



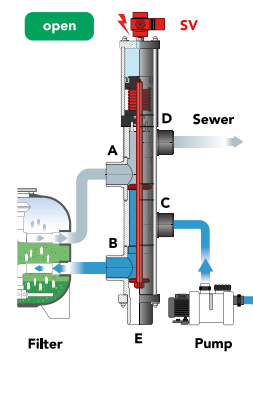
Filtration mode

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 11 kW / 230V / 8 Bar
BPS35	Pressure Switch with connection kit



Atecpool Multiport Valves

Six-way valves

Functions

- Filter: Normal filtration and vacuuming
- Backwash: Cleans filter by reversing water flow
- Rinse: Used after backwash to flush dirt from valve and pipes
- Waste: Filter by-pass option to discharge dirt from vacuuming to waste or to lower water level
- Recirculate: Filter by-pass option to circulate water back to pool directly
- Close: Stops all flow to filter or pool
- Housing, cover and handle are made of ABS, gasket in EPDM and metallic components in S.S. and distributor in PPE.
- Multiport valves (MPV) are available in 2 different configurations.
- Top and Side Multiport valves.
- Top Multiport valve has two connections. 1½" and 2".
- Side Multiport valve has three connections. 1½" and 2".
- The design offers a wide range of possibilities to any installation, assuring perfect water-tightness and comfortable handling.
- With an innovative design, ease of handling and maximum reliability, these multiport valves are a basic element in achieving the perfect condition of your pool

1½" TOP multiport valve ELECTA



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

2" TOP multiport valve ELECTA



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

1½" SIDE multiport valve ELECTA



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

2" SIDE multiport valve ELECTA



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

1½" TOP multiport valve BOBINADOS SERIE



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

2" TOP multiport valve BOBINADOS SERIE



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

1½" SIDE multiport valve BOBINADOS SERIE



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

2" & 2½" SIDE multiport valve BOBINADOS SERIE



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

50mm TOP multiport valve OCEA Filter



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

63 mm TOP multiport valve OCEA Filter



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

50mm SIDE multiport valve OCEA Filter



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

63 mm SIDE multiport valve OCEA Filter



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



Atecpool Pipeless Filtration

Easy and Efficient

The easiest way to filtrate your swimming pool water



ATECPOOL
INTERNATIONAL
GROUP

atecpool.com

Wall Mounted Filter

Pipeless

Compak Kit WPCKIT25 - Wall Mounted Filter

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

Specifications

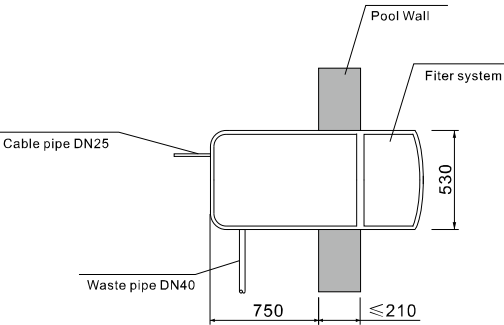
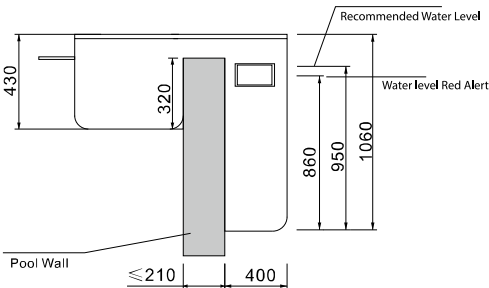
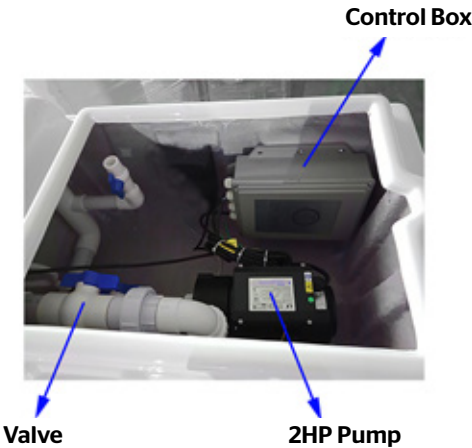
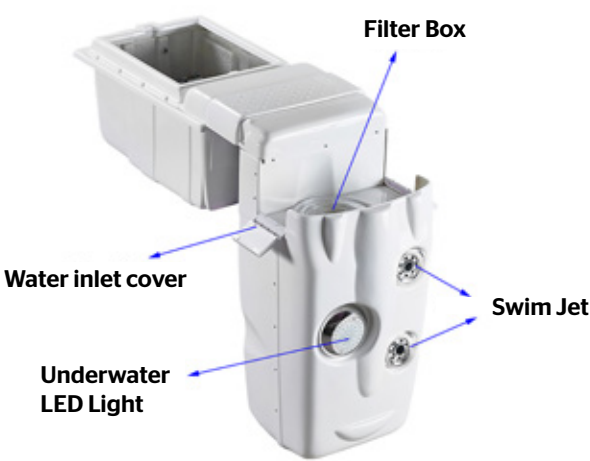
- Dimensions: 1450 x 530 x 1060 mm
- Flow Rate: 25 m³/h
- Voltage: 220-240V / 50 Hz or 60 Hz
- Precision of filtration bag: ≤ 5µm
- Operation noise: ≤ 50 dB
- Material: ABS
- Installation: Wall mounting

Equipment

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

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

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



Wall Mounted Filter

Pipeless

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

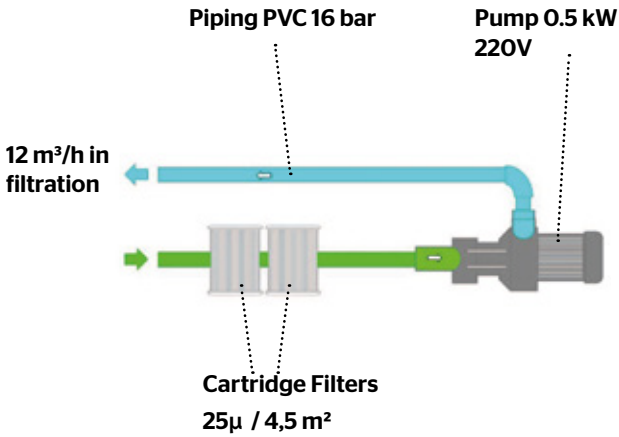
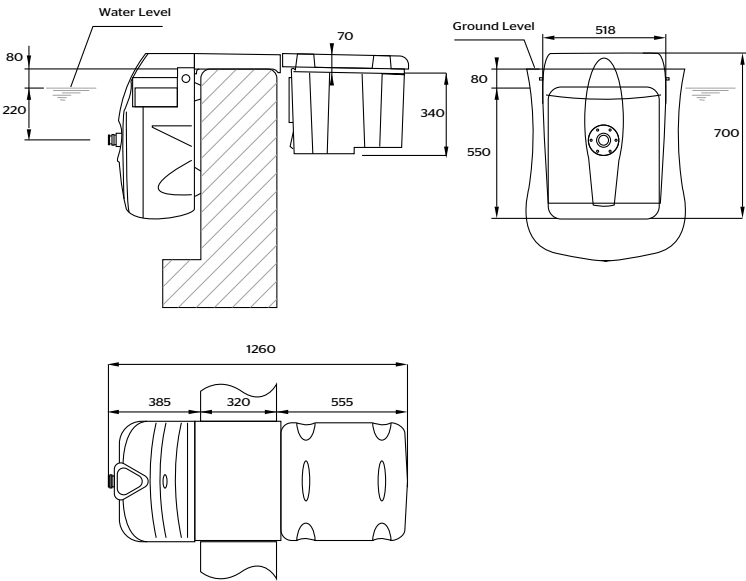
Compak Kit WPCKIT12 - Wall Mounted Filter

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



Specifications

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



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

Optional

- Colored LED light + remote control

Equipment

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

Wall Mounted Filter Pipeless

WPCKIT25X Pools until 80 m³ max Length max: 9 m	WPCKIT35X Pools until 110 m³ max Length max: 12 m
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Compak Kit WPCKIT25X & WPCKIT35X - Wall Mounted Filter

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

Specifications

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

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

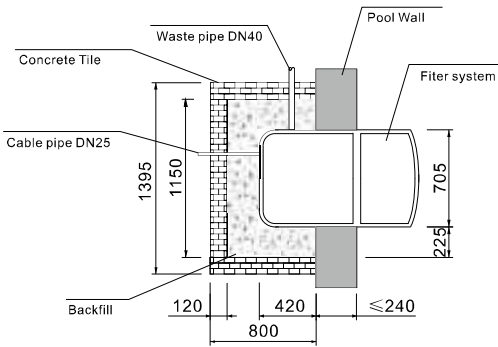
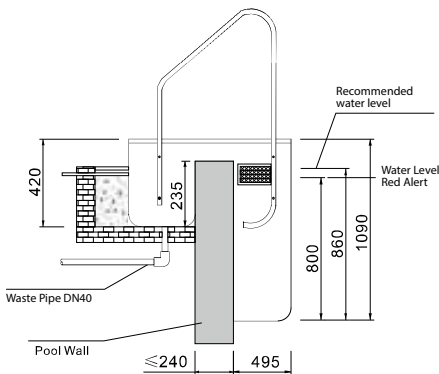
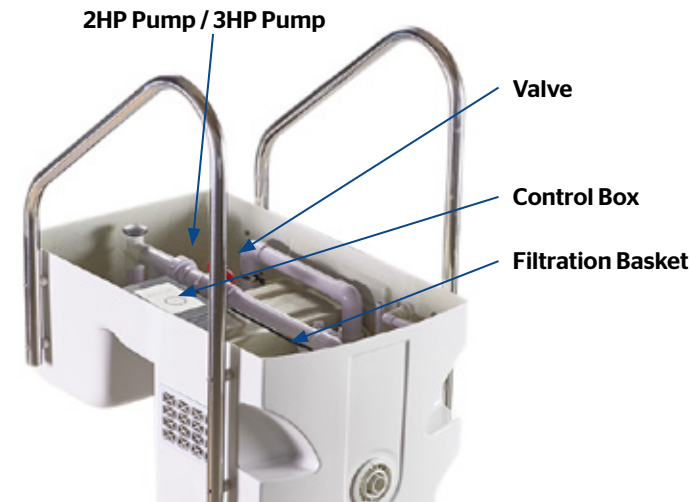
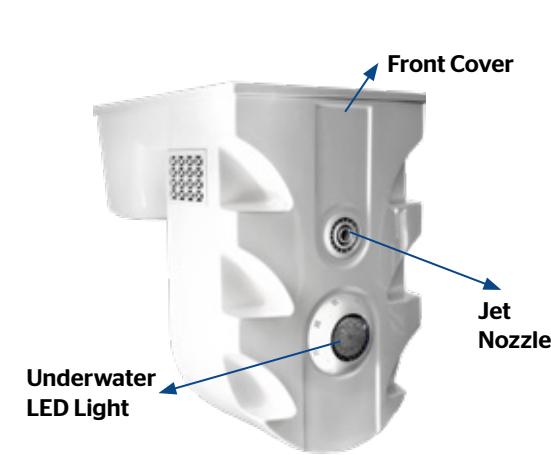


Equipment: WPCKIT25X Technical Data

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

Equipment: WPCKIT35X Technical Data

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



Atecpool Filtration Housings

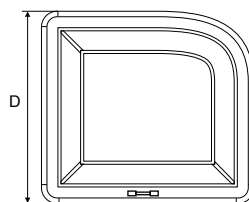
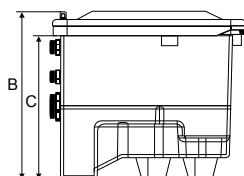
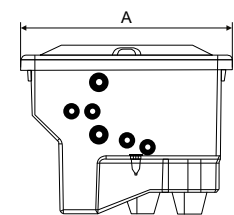
Housings without Inner Assembly

Atecpool Filtration Housing - Caseta I, II or III

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



Caseta I

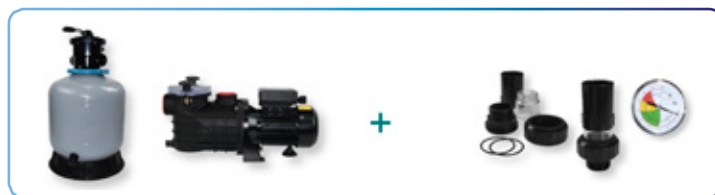


Code	Description	A	B	C	D	Max. Size (holding capacity inside)
081519	Caseta I	1330	1055	905	1210	Filter Ø650 mm Dia, 1.5 HP pump. Booster pump, submersible pump.
081510	Caseta II	1400	1220	1080	1340	Filter Ø700 mm Dia, 2 HP pump. Booster pump, submersible pump.
081511	Caseta III	1730	1315	1170	1630	Filter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

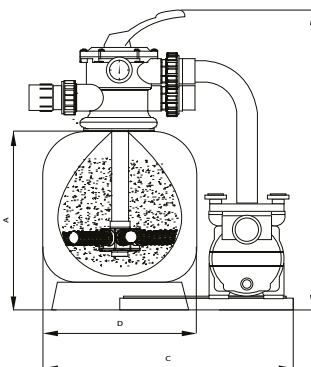
Empty filtration housing, no equipment included.

Atecpool Filtration Kit

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



Filtration Kit



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

Empty filtration housing, no equipment included.

Atecpool Filtration Trolley Kit

Portable Filtration

Atecpool Portable Filtration Electa Kit

- Fast and easy set-up, ready to install
- Specially sized Electa sand filter with Horizon Plus pump
- Blow moulded filter tank top mounted
- Large pump strainer basket to extend service periods
- Union connections for quick installation and servicing
- Control Panel for pump, Electrical Cable 15m, Vacuum Hose 15m length included



Code	Diameter Ø	Max Flow	Valve Connection	Power			
	mm	m³/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			
	m²	m³/h	inches	HP	kW	µF	Voltage
00595005	2.3	5.5	1 1/2"	0.5	0.37	16	230 - 400V
00597507	4.7	11.4	1 1/2"	0.75	0.55	20	230 - 400V
06997510	7	17.0	1 1/2"	1	0.75	25	230 - 400V
06997610	9.4	22.9	2"	1.5	1	30	230 - 400V

Atecpool Activated Filtration Media

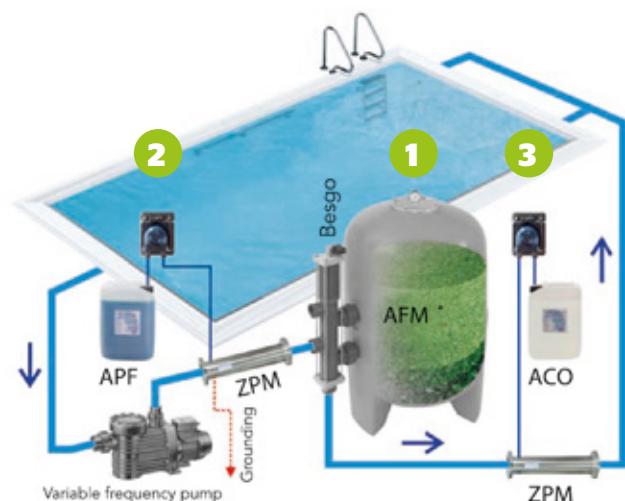
AFM^{®ng}

Healthier pool for a healthier planet

Made from green glass

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

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



Atecpool Integrated Water Treatment System (AIWS)

1. Filtration with AFM^{ng} / 2. Coagulation and flocculation with APF and ZPM / 3. Catalytic oxidation with ACO and ZPM

Green Advantages:

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



eco friendly . better filtration . healthier pool system

Atecpool 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.



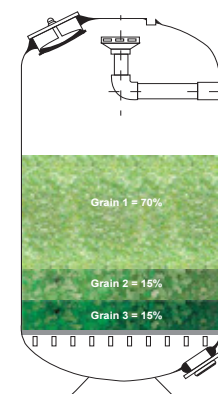
Filter filling:

50 % AFM^{®ng} 1

25 % AFM^{®ng} 2 as supporting layer

25 % AFM^{®ng} 3 as supporting layer

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



Code	Granulometry	Units	Weight kg	Volume package m ³
AFM ^{®ng} 1	0.4 - 0.8 mm	1	25	0.667
AFM ^{®ng} 2	0.7 - 2.0 mm	1	25	0.667
AFM ^{®ng} 3	2.0 - 4.0 mm	1	25	0.667

Filtration Media Silica Sand

50 kg bag

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



Gravel

50 kg bag

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

