



FILTER

Max Series Filter

For residential and semi-commercial pools

USER - FRIENDLY AND INNOVATIVE DESIGN

Emaux's innovative design and advanced technology offer superior filtration performance and crystal clear water. Max series filters are seamless, one-piece blow-molded filter tank in high density polyethylene for heavy duty use and reliability.



Model: MFS24



Model: MFV17

Tank Material

HDPE

Max Operating Pressure

40 psi / 2.8 bar

Max Temperature

50°C (122°F)

Suggested Size of Media

0.5-0.8mm

Max Series Filters are equipped with:

1. 6-way multiport valve (MFV: 1.5"MPV07, 2"MPV08) (MFS: 1.5"MPV03, 2"MPV04)
2. Universal standard of union connection
3. Pressure gauge
4. PVC & ABS Lateral system
5. Piping kit

Features



Unique one-piece clamp with screw-type lock simplifies installation, allowing tool-free servicing.



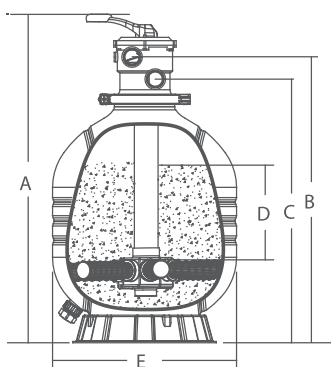
Equipped with a 6-way multiport valve which is constructed with sturdy ABS and marine-grade stainless steel.



Easy-to-read pressure gauge for inspection, and one-piece clamp for easy removal of lid and access to interior.

MFV Series

Top Mount Filters



Product Dimensions

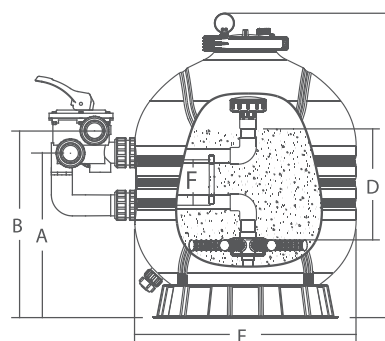
Model	A mm	B mm	C mm	D mm	E mm
MFV17	816	695	625	195	425
MFV20	889	772	712	225	500
MFV24	980	860	800	280	600
MFV24B	1032	873	807	280	600
MFV27A	1081	963	903	300	675
MFV27	1133	976	910	300	675
MFV31A	1126	1008	948	370	775
MFV31	1178	1021	955	370	775
MFV35	1296	1139	1073	440	875

Technical Information

Code	Model	Filter Area (m ²)	Valve Connections	Max Flow Rate	Sand (kg)
88012526	MFV17	0.14	1.5" / 50mm	117 lpm 7.0m ³ /h	40
88012527	MFV20	0.20	1.5" / 50mm	167 lpm 10.0m ³ /h	70
88012528	MFV24	0.28	1.5" / 50mm	233 lpm 14.0m ³ /h	125
88012545	MFV24B	0.28	2.0" / 63mm	233 lpm 14.0m ³ /h	125
88012529	MFV27A	0.36	1.5" / 50mm	240 lpm 14.4m ³ /h	185
88012530	MFV27	0.36	2.0" / 63mm	300 lpm 18.0m ³ /h	185
88012531	MFV31A	0.47	1.5" / 50mm	313 lpm 18.8m ³ /h	250
88012532	MFV31	0.47	2.0" / 63mm	392 lpm 23.5m ³ /h	250
88012533	MFV35	0.61	2.0" / 63mm	508 lpm 30.5m ³ /h	325

MFS Series

Side Mount Filters



Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
MFS17	355	418	670	195	425	125
MFS20	396	549	760	225	500	125
MFS24	430	493	825	280	600	125
MFS27A	480	543	946	300	675	125
MFS27	460	546	946	300	675	130
MFS31A	506	569	968	370	775	125
MFS31	508	594	968	370	775	130
MFS35	564	650	1086	440	875	130

Technical Information

Code	Model	Filter Area (m ²)	Valve Connections	Max Flow Rate	Sand (kg)
88012626	MFS17	0.14	1.5" / 50mm	117 lpm 7.0m ³ /h	40
88012627	MFS20	0.20	1.5" / 50mm	167 lpm 10.0m ³ /h	70
88012628	MFS24	0.28	1.5" / 50mm	233 lpm 14.0m ³ /h	125
88012629	MFS27A	0.36	1.5" / 50mm	240 lpm 14.4m ³ /h	185
88012630	MFS27	0.36	2.0" / 63mm	300 lpm 18.0m ³ /h	200
88012631	MFS31A	0.47	1.5" / 50mm	313 lpm 18.8m ³ /h	250
88012632	MFS31	0.47	2.0" / 63mm	392 lpm 23.5m ³ /h	250
88012633	MFS35	0.61	2.0" / 63mm	508 lpm 30.5m ³ /h	325

Volumetric Filter

For residential and semi-commercial pools

ENGINEERED FOR THE DIFFERENCE

One-piece blow-molded filter tank combining the technology of structural engineered high-density polyethylene material manufactured to maximize the strength of the filter. It is perfectly suited for all pools with different disinfection systems (Salt chlorinator , Ozone, UV, and chemical dosing).

The Volumetric Filter is designed for the best clarity of filtered water and has an outstanding pressure standard among the market benchmarks.

The filter incorporates a multiport valve manufactured from robust components to create the most efficient, reliable, and user-friendly filter positioning it in the market for the best return on investment.



Volumetric Filter is equipped with:

1. 6-way clamp style multiport valve (1.5"MPV07, 2"MPV08)
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system

Tank Material

HDPE

Max Operating Pressure

58 psi / 4.0 bar

Max Temperature

50°C (122°F)

Suggested Size of Media

0.5-0.8mm



Product Video



Advantages

1. Better Water:

30% more volume of filtration bed compared to other filters in the market improves the filtration quality.

2. Less Backwash:

The high volume of filtration bed allows the filter to trap more dirt and as a result, less frequency of backwash is required.

3. User-friendly:

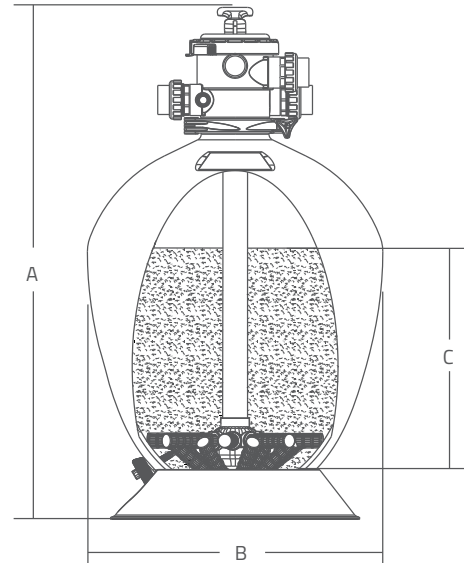
Easy to install, maintain and replace. Affordable spare parts available.

4. High compatibility:

The filter and its components are compatible with all different kinds of pool applications.

5. Robust Performance:

HDPE filter body provides the best protection under any extreme weather conditions.



Product Information

Code	Model	Filter Area (m ²)	Valve Connections	Max Flow Rate	Sand (kg)	A mm	B mm	C mm
88016003	T450	0.16	1.5" / 50mm	8.0m ³ /h	75	964	457	353
88016004	T500	0.20	1.5" / 50mm	10.0m ³ /h	95	1040	508	400
88016046	T600	0.29	1.5" / 50mm	14.6m ³ /h	165	1090	610	457
88016007	T700	0.39	1.5" / 50mm	19.5m ³ /h	200	1180	711	516
88016047	T600B	0.29	2.0" / 63mm	14.6m ³ /h	165	1142	610	457
88016008	T700B	0.39	2.0" / 63mm	19.5m ³ /h	200	1232	711	516

Professional approach for creating better water

1. 6-Way Multiport Valve

Unique design allows tool-free service and maintenance

2. Filtration Bed

30% higher filtration bed promotes deeper water filtration for better water quality

3. Drain Cover

Robust and reliable to reduce operating and maintenance costs

4. Handy Clamp Lock

The hinged clamp allows 360° rotation of the valve to simplify installation and plumbing work

5. Filter Tank

An innovative T-shaped filter tank is designed for better backwashing. HDPE tank can withstand higher water pressure and water temperature

6. Double-Layered Lateral System

Benefits from uniform filtered water collection and provides thorough backwashing of the filter media



P & SP Series Filters

For above-ground and residential pools

LIGHT YET STRONG

P and SP Series Filters withstand many years of prolonged exposure to sunlight. The UV-resistant one-piece blow-molded filter tank has been well-received by the industry, not only because of the durability of the material, but also due to its reliable performance and economy.

SP Series Filter is equipped with :

1. 6-way multiport valve (1.5"MPV03)
2. Universal standard of union connection
3. Piping kit
4. Pressure gauge
5. Lateral system

P Series Filter is equipped with :

1. 6-way clamp style multiport valve (1.5"MPV01)
2. Universal standard of union connection
3. Pressure gauge
4. Lateral system

Tank Material

HDPE

Max Operating Pressure

28 psi / 2.0 bar

Max Temperature

40°C (104°F)

Suggested Size of Media

0.5-0.8mm

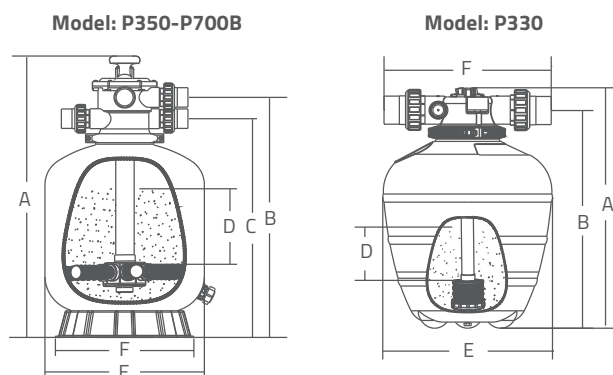


Model:
SP500

Model:
P500

P Series

Top Mount Filters



P Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
P330	470	426	/	145	330	345
P350	726	619	550	160	350	298
P400	757	640	590	175	400	390
P450	814	698	638	210	449	390
P500	845	730	670	235	527	500
P650	950	835	775	300	627	500
P700	1020	905	845	330	703	500
P650B	1002	860	782	300	627	500
P700B	1072	930	852	330	703	500

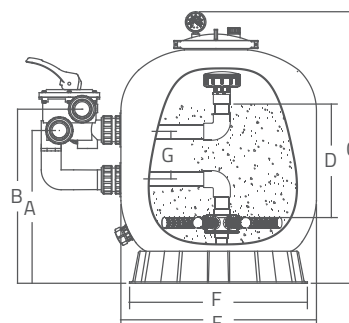
P Series Technical Information

Code	Model	Filter Area (m²)	Valve Connections	Max Flow Rate	Sand (kg)	
901009	P330	0.08	1.5" / 50mm	133.3 lpm	8.0m³/h	17
88011601	P350	0.10	1.5" / 50mm	72 lpm	4.32m³/h	20
88011602	P400	0.13	1.5" / 50mm	102 lpm	6.12m³/h	35
88011603	P450	0.16	1.5" / 50mm	130 lpm	7.80m³/h	45
88011604	P500	0.22	1.5" / 50mm	180 lpm	10.80m³/h	85
88011605	P650	0.31	1.5" / 50mm	255 lpm	15.30m³/h	145
88011607	P700	0.39	1.5" / 50mm	320 lpm	19.20m³/h	210
88011606	P650B	0.31	2" / 63mm	267 lpm	16.00 m³/h	145
9010008	P700B	0.39	2" / 63mm	336 lpm	20.16 m³/h	210



SP Series

Side Mount Filters



SP Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
SP450	370	433	730	210	449	390	125
SP500	375	438	770	235	527	500	125
SP650	425	488	850	300	627	500	125
SP700	460	523	960	330	703	500	125

SP Series Technical Information

Code	Model	Filter Area (m²)	Valve Connections	Max Flow Rate		Sand (kg)
88011703	SP450	0.16	1.5" / 50mm	130 lpm	7.80m³/h	45
88011704	SP500	0.22	1.5" / 50mm	180 lpm	10.80m³/h	85
88011705	SP650	0.31	1.5" / 50mm	255 lpm	15.30m³/h	145
88011707	SP700	0.39	1.5" / 50mm	320 lpm	19.20m³/h	210

Suggested sand weight varies with the differences in filter media size.
For reference only.



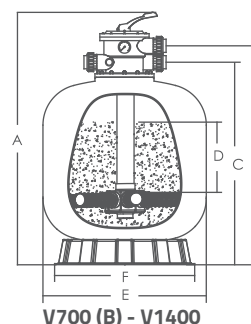
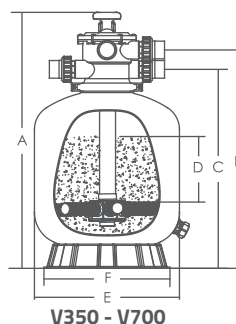
V & S Series Filters

For residential and semi-commercial pools



V Series Product Dimensions

Model No	A mm	B mm	C mm	D mm	E mm	F mm
V350	726	619	550	160	355	298
V400	757	640	590	175	410	390
V450	814	698	638	210	455	390
V500	845	730	670	235	535	500
V650,V650PB	950	835	775	300	635	500
V650(B)	957	815	731	300	635	500
V700	1020	905	845	330	710	500
V700(B)	1092	960	877	390	723	500
V800	1200	1085	1002	425	800	780
V900	1300	1172	1090	480	900	780
V900(C)	1334	1242	1145	480	900	780
V1000	1400	1340	1260	580	1000	780
V1000(C)	1434	1410	1160	580	1000	780
V1200	1600	1550	1468	740	1200	1000
V1200(C)	1634	1620	1368	740	1200	1000
V1400	1845	1683	1586	750	1400	1000



V Series Filter is equipped with :

1. 6-way clamp/bolt style multiport valve (1.5"MPV01, 2"MPV02, 2.5"MPV12)
2. Universal standard of union connection
3. Pressure gauge
4. Lateral system

Tank Material

Bobbin Wound
Reinforced Fiberglass

Max Operating Pressure

36 psi / 2.5 bar

Max Temperature

43°C (109°F)

Suggested Size of Media

0.5-0.8mm

V Series Technical Information

Code (2.5 Bar)	Code (4 Bar)	Model	Filter Area (m²)	Valve Connections	Max Flow Rate	Sand (kg)
88010101	/	V350	0.09	1.5" / 50mm	72 lpm 4.32m³/h	20
88010102	/	V400	0.13	1.5" / 50mm	108 lpm 6.48m³/h	35
88010103	/	V450	0.16	1.5" / 50mm	135 lpm 8.10m³/h	45
88010104	/	V500	0.22	1.5" / 50mm	185 lpm 11.10m³/h	85
88010105	/	V650	0.32	1.5" / 50mm	260 lpm 15.60m³/h	145
88010106	/	V650(PB)	0.32	2.0" / 63mm	267 lpm 16.00m³/h	145
88010606	/	V650(B)	0.32	2.0" / 63mm	267 lpm 16.00m³/h	145
88010107	/	V700	0.40	1.5" / 50mm	325 lpm 19.50m³/h	210
88010608	/	V700(B)	0.41	2.0" / 63mm	336 lpm 20.16m³/h	215
88010609	/	V800	0.50	2.0" / 63mm	415 lpm 24.90m³/h	355
88010610	88015610	V900	0.64	2.0" / 63mm	520 lpm 31.20m³/h	470
88010650	88015650	V900(C)	0.64	2.5" / 75mm	533 lpm 32.00m³/h	470
88010611	88015611	V1000	0.79	2.0" / 63mm	658 lpm 39.50m³/h	620
88010651	88015651	V1000(C)	0.79	2.5" / 75mm	658 lpm 39.50m³/h	620
88010613	88015613	V1200	1.13	2.0" / 63mm	941 lpm 56.50m³/h	860
88010652	88015652	V1200(C)	1.13	2.5" / 75mm	941 lpm 56.50m³/h	860
88010614	88015614	V1400	1.54	2.5" / 75mm	1155 lpm 69.30m³/h	1400

WIDEST CHOICES FOR DIFFERENT POOL SIZES

The bobbin-wound filter is manufactured by computerized fiberglass filament winding technology. This provides the mechanical strength of the filter tank and its ability to withstand pressure. V Series and S Series are manufactured by automatic bobbin winding technology from long-lasting and non-corrosive fiberglass and resin. The UV resistant composites allow the filter to resist extreme weather conditions for a long working life without corrosion.

S Series Filter is equipped with :

1. 6-way multiport valve
(1.5"MPV03, 2"MPV04, 2.5"MPV13)
2. Universal standard of union connection
3. Piping kit
4. Pressure gauge
5. Lateral system

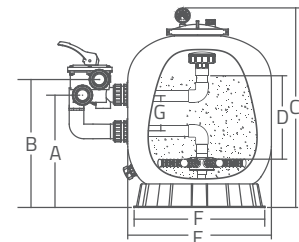


S Series Product Dimensions

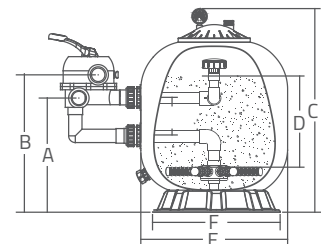
Model No	A mm	B mm	C mm	D mm	E mm	F mm	G mm
S450	370	433	730	210	455	390	125
S500	375	438	770	235	535	500	125
S650	425	488	850	300	635	500	125
S700	460	523	960	330	710	500	125
S700(B)	520	606	890	390	723	500	220
S800	605	691	1050	425	820	780	220
S900	655	741	1180	480	920	780	220
S900(C)	671	768	1180	380	920	780	236
S1000	710	796	1220	580	1020	780	220
S1000(C)	746	843	1220	480	1020	780	236
S1200	820	906	1410	740	1200	1000	220
S1200(C)	836	933	1410	640	1200	1000	236
S1200(D)	915	1025	1410	640	1200	1000	350

S Series Technical Information

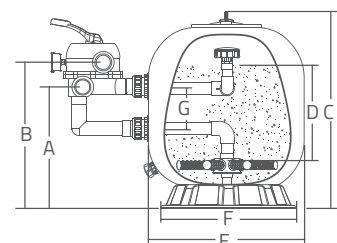
Code (2.5 Bar)	Code (4 Bar)	Model	Filter Area (m²)	Valve Connections	Max Flow Rate		Sand (kg)
88010703	/	S450	0.16	1.5" / 50mm	135 lpm	8.1m³/h	45
88010704	/	S500	0.22	1.5" / 50mm	185 lpm	11.10m³/h	85
88010705	/	S650	0.32	1.5" / 50mm	260 lpm	15.60m³/h	145
88010707	/	S700	0.40	1.5" / 50mm	325 lpm	19.50m³/h	210
88011208	/	S700(B)	0.41	2.0" / 63mm	336 lpm	20.16m³/h	215
88011209	9011107	S800	0.53	2.0" / 63mm	435 lpm	24.10m³/h	355
88011210	9011105	S900	0.64	2.0" / 63mm	530 lpm	31.80m³/h	470
88011250	9011108	S900(C)	0.64	2.5" / 75mm	530 lpm	31.80m³/h	470
88011311	9011307	S1000	0.79	2.0" / 63mm	658 lpm	39.50m³/h	620
88011351	9011308	S1000(C)	0.79	2.5" / 75mm	658 lpm	39.50m³/h	620
88011313	9011309	S1200	1.13	2.0" / 63mm	880 lpm	52.80m³/h	860
88011352	9011310	S1200(C)	1.13	2.5" / 75mm	975 lpm	58.50m³/h	860
9011306	9011311	S1200(D)	1.13	3.0" / 90mm	947 lpm	56.50m³/h	860



S450-S700



S700(B)-S900



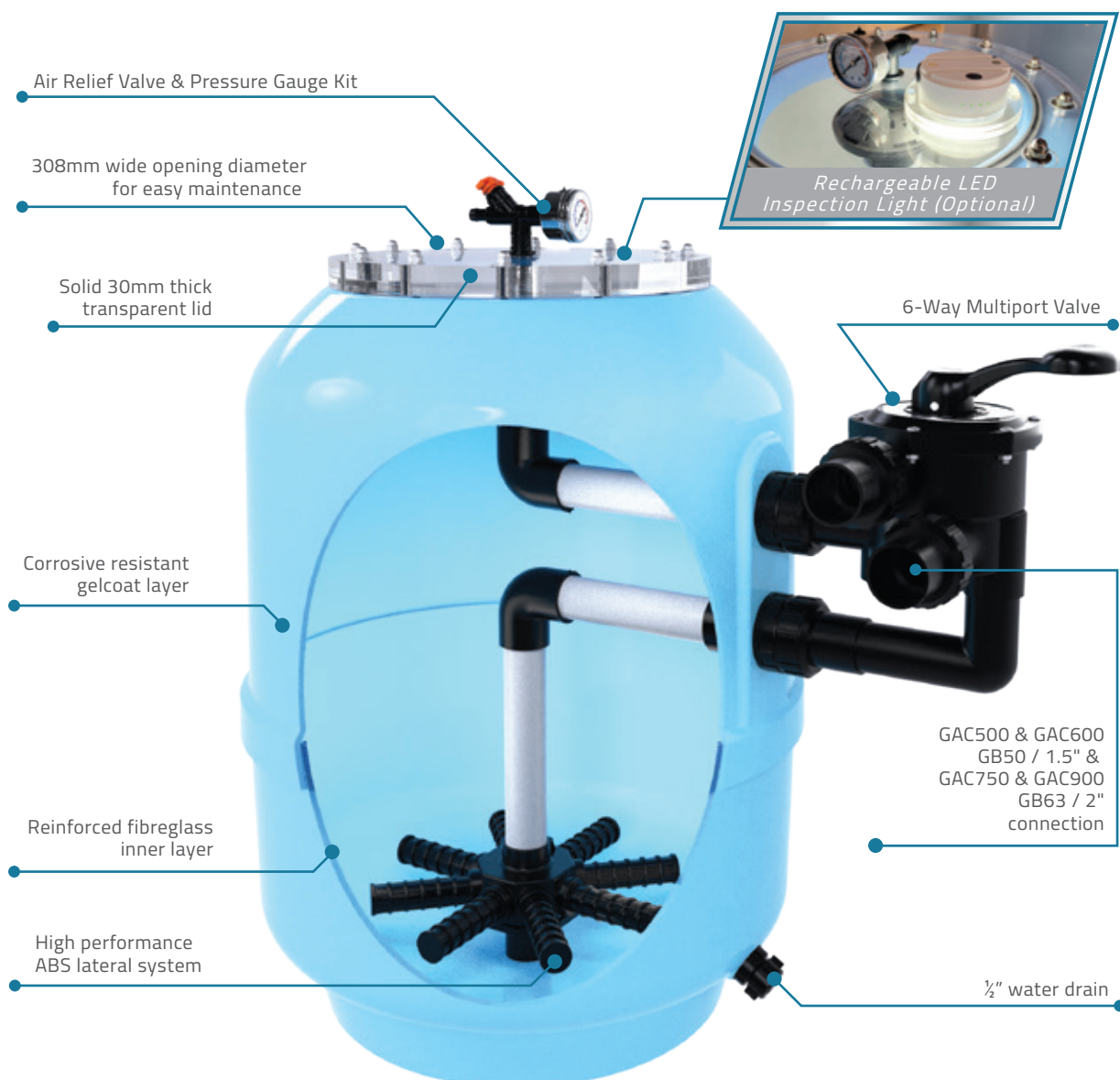
S1000-S1200

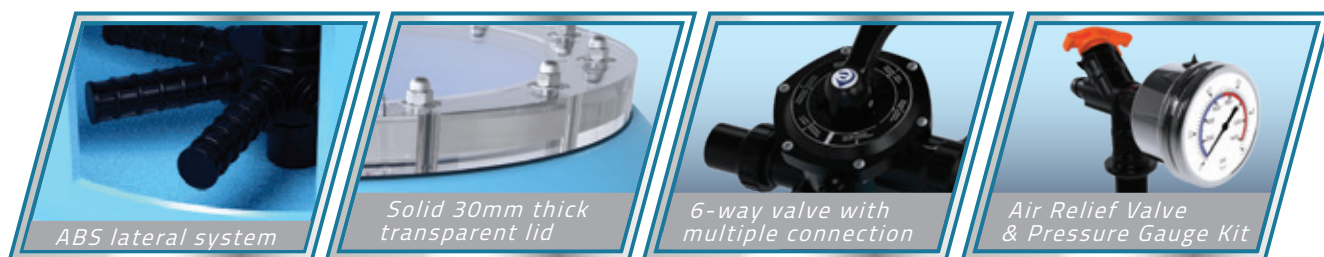
GAC Series Gel-Coat Filter NEW

For residential and commercial pools

STRIKING AND RELIABLE

Emaux wide opening gelcoat filter is the perfect sand filter for all swimming pool enthusiasts. The flawless gelcoat filter surface is not only eye catching but also corrosion resistant. The transparent wide filter lid provide an exceptional size to monitor and maintain the best filter condition. With the reliable and durable Emaux 6-way valve, this laminated filter is one the most sophisticated sand filter in the market.





Tank Material
Gelcoat Fiberglass

Max Operating Pressure
36 psi / 2.5 bar

Max Temperature
43°C (109°F)

Suggested Size of Media
0.5-0.8mm

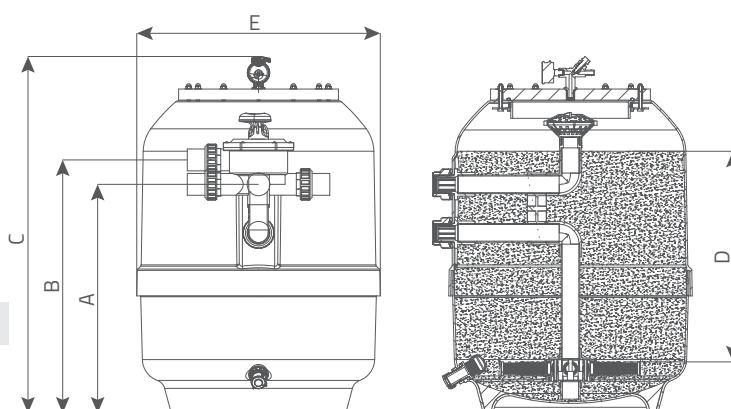


GAC Filter is equipped with :

1. 6-way multiport valve
(1.5" for GAC500/GAC600,
2"for GAC750/900)
2. Universal standard of union
connection
3. Pressure gauge
4. ABS Lateral system
5. Piping kit

Optional Accessories

Code	Description
440650017	Type-C charging LED light/ Battery capacity 4500mAh



Product Information

Code	Model	Filter Area		Max Flow Rate			Sand		In / Outlet Connections		A	B	C	D	E
		ft²	m²	gpm	lpm	m³/h	lbs	kgs	GB (mm)	ANSI	mm	mm	mm	mm	mm
9015704	GAC500	2.1	0.2	44	166	10	220	100	GB50	1.5"	510	573	822	310	526
9015701	GAC600	3	0.28	62	233	14	440	200	GB50	1.5"	590	653	920	420	627
9015702	GAC750	4.7	0.44	97	367	22	1060	480	GB63	2"	880	966	1211	650	782
9015703	GAC900	6.9	0.64	141	531	32	1655	750	GB63	2"	964	1050	1334	725	922

TMG & SMG Series Gelcoat Filters

For residential and commercial pools

COMBINATION OF QUALITY AND ELEGANCE

Emaux Gelcoat Filters are produced by skilled workers and experienced engineers in modern manufacturing facilities. Each product is subject to a 100% inspection at every production stage and a strict hydrostatic pressure test. In order to achieve their best performance, 20,000 cycle tests were conducted to determine the specifications of the filters.

TMG Filter is equipped with :

1. 6-way clamp/bolt style multiport valve
(1.5"MPV07, 2"MPV08, 2"MPV02
for TMG750 & TMG900)
2. Universal standard of union connection
3. Pressure gauge
4. ABS Lateral system

SMG Filter is equipped with :

1. 6-way multiport valve
(1.5"MPV03, 2"MPV04)
2. Universal standard of
union connection
3. Pressure gauge
4. ABS Lateral system
5. Piping kit

Tank Material

Gelcoat Fiberglass

Max Operating Pressure

36 psi / 2.5 bar

Max Temperature

43°C (109°F)

Suggested Size of Media

0.5-0.8mm

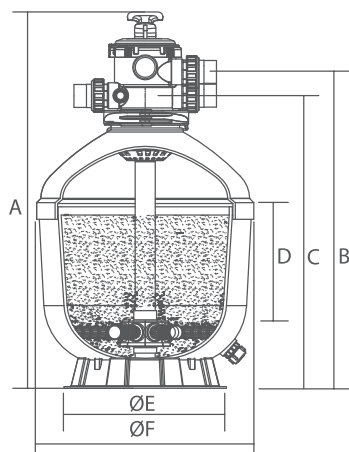
Advantages

1. Non corrosive gelcoat fiberglass tank with smooth finish
2. Can be produced in different colours for choice of appearance
3. SMG: Curved valve connecting elbow reduces head loss
4. SMG: Transparent lid provides clear view of filter media, and an air release valve allows trapped air to be evacuated



TMG Series

Top Mount Filters



TMG Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
TMG500	886	750	693	286	390	500
TMG650	998	862	805	318	500	650
TMG650(B)	1034	887	821	251	500	650
TMG750	1159	1029	945	393	500	750
TMG900	1294	1163	1080	450	780	900

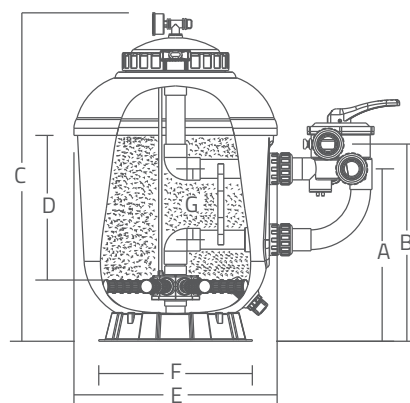
TMG Series Technical Information

Code	Model	Filter Area (m ²)	Valve Connections	Max Flow Rate	Sand (kg)
88015504	TMG500	0.20	1.5" / 50mm	167 lpm 10.0m ³ /h	88
88015505	TMG650	0.33	1.5" / 50mm	275 lpm 16.5m ³ /h	158
88015506	TMG650(B)	0.33	2.0" / 63mm	275 lpm 16.5m ³ /h	158
88015563	TMG750	0.44	2.0" / 63mm	366 lpm 22.0m ³ /h	260
88015564	TMG900	0.64	2.0" / 63mm	533 lpm 32.0m ³ /h	422



SMG Series

Side Mount Filters



SMG Series Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
SMG500	424	487	845	360	516	390	180
SMG650	472	535	943	380	666	500	180
SMG750	517	603	1015	440	770	500	220
SMG900	583	669	1165	480	920	780	220

SMG Series Technical Information

Code	Model	Filter Area (m ²)	Valve Connections	Max Flow Rate	Sand (kg)
88014004	SMG500	0.20	1.5" / 50mm	167 lpm 10.0m ³ /h	100
88014005	SMG650	0.33	1.5" / 50mm	275 lpm 16.5m ³ /h	150
88014063	SMG750	0.44	2.0" / 63mm	369 lpm 22.1m ³ /h	250
88014064	SMG900	0.64	2.0" / 63mm	531 lpm 31.8m ³ /h	375



SMG Series Commercial Gelcoat Filter

For semi-commercial pool / commercial hot spa

SMG Commercial Filter is equipped with :

- 1. 6-way multiport valve
- 2. Universal standard of union connection
- 3. Pressure gauge
- 4. ABS Lateral system
- 5. Piping kit

Tank Material
Gelcoat Fiberglass

Max Operating Pressure
36 psi / 2.5 bar

Max Temperature
43°C (109°F)

Suggested Size of Media
0.5-0.8mm

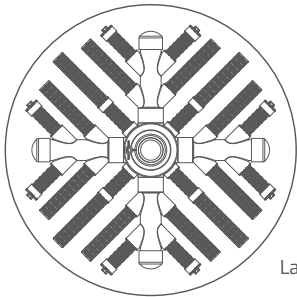


Technical Information

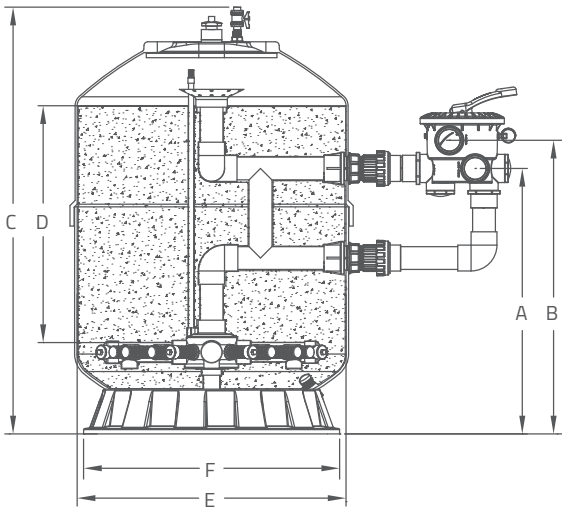
Code	Model	Filter Area (m²)	Valve Connections	Max Flow Rate	Sand (kg)
9011607	SMG1050C	0.86	2.5" / 75mm	717 lpm 43.0m³/h	1200
9011605	SMG1050	0.86	3.0" / 90mm	717 lpm 43.0m³/h	1200
9011606	SMG1200	1.13	3.0" / 90mm	942 lpm 56.5m³/h	1600

Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm
SMG1050C	687	784	1686	1000	1050	1000
SMG1050	1047	1157	1686	1000	1050	1000
SMG1200	1040	1150	1724	1000	1200	1000



Laterals



SR Series Ring Lock Filter

For residential and semi-commercial pools

FOR EASY MAINTENANCE



SR Series Ring Lock Filter includes a bobbin-wound fiberglass reinforced tank. With a UV-resistant surface finish, it is able to operate under prolonged sunlight for years of reliability. The transparent lid is designed for easy inspection of the sand bed. Without using any tools, the lid can be removed by turning the specially designed ring-lock, making maintenance much easier.

Tank Material

Bobbin Wound
Reinforced Fiberglass

Max Operating Pressure

36 psi / 2.5 bar

Max Temperature

43 °C (109 °F)

Suggested Size of Media

0.5-0.8mm

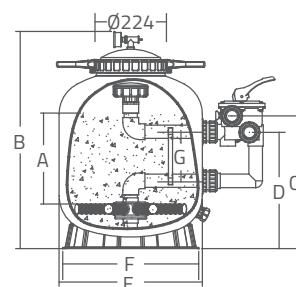
SR Series Filter is equipped with :

1. 6-way multiport valve
(1.5"MPV03, 2"MPV04)
2. Universal standard of
union connection
3. Piping kit
4. Pressure gauge
5. Lateral system



Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
S450R	250	760	493	430	455	390	180
S500R	290	825	508	445	535	500	180
S650R	310	890	568	505	635	500	180
S700R	320	920	573	510	723	500	180
S700R(B)	350	920	606	520	723	500	220
S800R	380	1020	691	605	820	780	220
S900R	410	1130	741	655	920	780	220

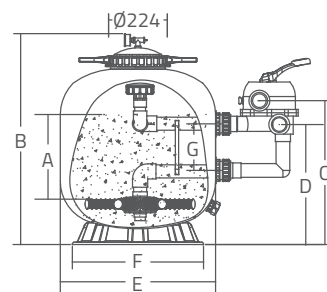


S450R-S700R

Technical Information

Code	Model	Filter Area (m²)	Valve Connections	Max Flow Rate	Sand (kg)
88011103	S450R	0.16	1.5" / 50mm	135 lpm 8.10m³/h	45
88011104	S500R	0.22	1.5" / 50mm	185 lpm 11.10m³/h	85
88011105	S650R	0.32	1.5" / 50mm	260 lpm 15.60m³/h	145
88011107	S700R	0.40	1.5" / 50mm	325 lpm 19.50m³/h	210
88011108	S700R(B)	0.41	2.0" / 63mm	336 lpm 20.16m³/h	215
88011109	S800R	0.53	2.0" / 63mm	435 lpm 24.10m³/h	355
88011110	S900R	0.66	2.0" / 63mm	550 lpm 33.00m³/h	470

Suggested sand weight varies with the differences in filter media size. For reference only.



S700R(B)-S900B

SDB Series Deep Bed Filter

For residential and commercial pools

SUPERIOR FILTRATION THROUGH AN EXTENDED SAND BED

With its 1.0m or 1.2m deep sand bed and dual laterals, SDB Series Side Mount Deep Bed Filter offers an enhanced filtration and provides a high-performance solution for residential and commercial pools and spas. It is UV- resistant and can operate under prolonged sunlight.

SDB Series Filter is equipped with :

1. 6-way multiport valve
(2"MPV04, 2.5"MPV13)
2. Universal standard of union connection
3. Piping kit
4. Pressure gauge
5. Dual layers of laterals
6. Accessories:
Ø4" sight glass,
Ø158mm manhole for servicing,
Ø1.5" bottom drain

Tank Material

Bobbin Wound
Reinforced Fiberglass

Max Operating Pressure

36 psi / 2.5 bar

Max Temperature

43 °C (109 °F)

Suggested Size of Media

0.5-0.8mm



Model:
SDB1000-1.2

Features



Manhole



Sightglass



Dual Lateral System

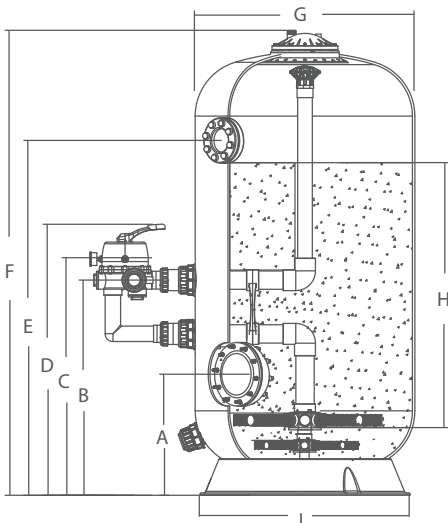


Bottom Drain

Technical Information

Code	Model	Filter Area (m ²)	Valve Connections	Max Flow Rate		Sand (kg)
88013835	SDB700-1.0	0.38	2.0" / 63mm	253 lpm	15.20m ³ /h	580
88013836	SDB700-1.2	0.38	2.0" / 63mm	253 lpm	15.20m ³ /h	696
88013837	SDB800-1.0	0.50	2.0" / 63mm	333 lpm	20.00m ³ /h	769
88013838	SDB800-1.2	0.50	2.0" / 63mm	333 lpm	20.00m ³ /h	914
88013839	SDB900-1.0	0.63	2.0" / 63mm	420 lpm	25.20m ³ /h	957
88013840	SDB900-1.2	0.63	2.0" / 63mm	420 lpm	25.20m ³ /h	1146
88013853	SDB900(C)-1.0	0.63	2.5" / 75mm	420 lpm	25.20m ³ /h	957
88013854	SDB900(C)-1.2	0.63	2.5" / 75mm	420 lpm	25.20m ³ /h	1146
88013841	SDB1000-1.0	0.78	2.0" / 63mm	520 lpm	31.20m ³ /h	1204
88013842	SDB1000-1.2	0.78	2.0" / 63mm	520 lpm	31.20m ³ /h	1436
88013855	SDB1000(C)-1.0	0.78	2.5" / 75mm	520 lpm	31.20m ³ /h	1204
88013856	SDB1000(C)-1.2	0.78	2.5" / 75mm	520 lpm	31.20m ³ /h	1436

Product Dimensions



Model No	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
SDB700-1.0	500	750	844	987	1270	1672	700	1000	680
SDB700-1.2	500	750	844	987	1470	1872	700	1200	680
SDB800-1.0	500	750	838	981	1270	1702	800	1000	740
SDB800-1.2	500	750	838	981	1470	1902	800	1200	740
SDB900-1.0	500	750	857	1000	1270	1735	900	1000	860
SDB900-1.2	500	750	857	1000	1470	1935	900	1200	860
SDB900(C)-1.0	500	750	931	1083	1270	1735	900	1000	860
SDB900(C)-1.2	500	750	931	1083	1470	1938	900	1200	860
SDB1000-1.0	530	850	971	1114	1270	1813	1000	1000	960
SDB1000-1.2	530	850	971	1199	1470	2013	1000	1200	960
SDB1000(C)-1.0	530	850	1045	1282	1270	1813	1000	1000	960
SDB1000(C)-1.2	530	850	1045	1282	1470	2013	1000	1200	960

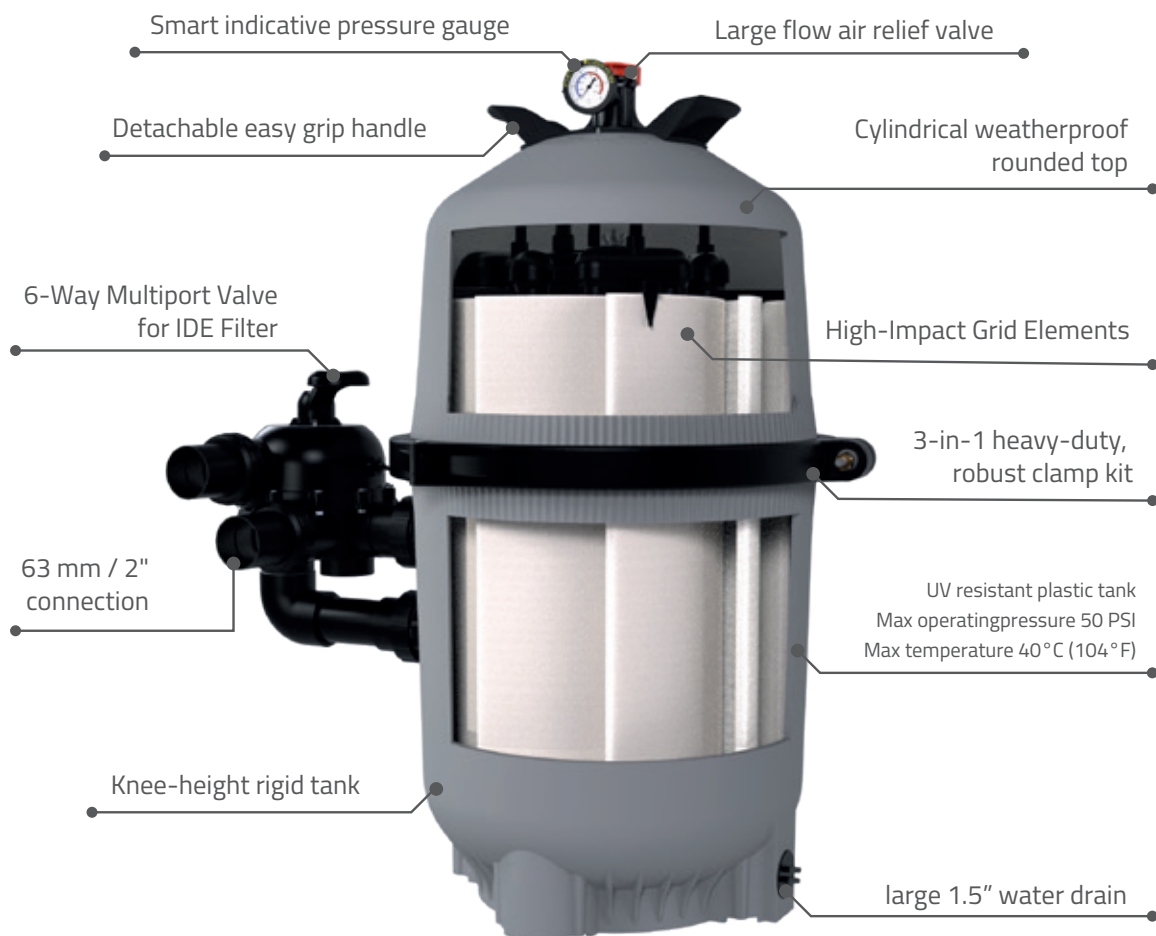
Galaxy IDE Filter

For Residential & Commercial Pool and Spa

EXCEPTIONAL FILTRATION QUALITY

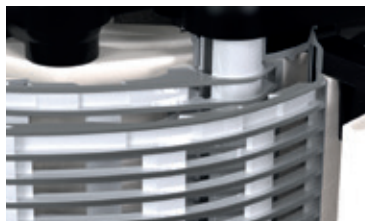
Galaxy IDE filters are known for their excellent filtration capabilities. The perlite or diatomaceous earth powder coats the filter grids, creating a fine, porous layer that can trap even the smallest particles, including dirt and debris. This results in cleaner and clearer pool water. They are particularly effective at removing microparticles, including fine dust, pollen, oils, and even some pathogens. This can contribute to a healthier and safer swimming environment for you and your family. The lower pressure of operation compared to other filters, IDE filters resulting in energy savings. Emaux offers a variety of IDE filter models and sizes to accommodate different pool sizes and filtration needs. This allows you to choose a filter that is specifically suited to your pool requirements.

GALAXY SERIES **IDE FILTER**



Special Design for IDE Filter

Reinforced connections and frame



This ensures the grid's durability and prevents any potential leaks or damage during operation. It helps distribute the pressure evenly across the grid, preventing any potential damage or deformation during operation.

Polypropylene cloth



Polypropylene cloth exhibits exceptional resistance to degradation from pool chemicals. Its non-stick characteristics and robust durability simplify cleaning and maintenance, ensuring efficient capture and retention of even the tiniest particles and impurities found in pool water.

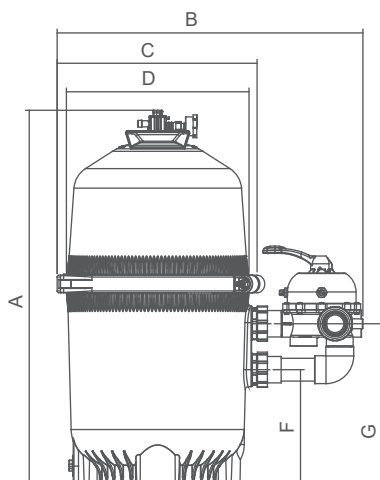
6-Way Multiport Valve For IDE Filter



The side mount filter valve special design for IDE Filter is made of ABS material with a heavy-duty plastic handle. Easy installation, maintenance, and servicing.

Galaxy Series IDE Filter is equipped with :

1. Universal standard of union connection
2. Pressure gauge
3. IDE filter element



Design Filtration Velocity

4.9 m³/h/m²
[2.0 gpm/ft²]

Max Operating Pressure

3.4 bar [50 psi]

Max Temperature

40°C [104°F]

Valve

6-Way Multiport Valve

Filter Element

Code	Model	Description	H	I
92201001	IDE36-CE	Filter grid: 7+ 1 shot span	458	483
92201002	IDE48-CE	Filter grid: 7+ 1 shot span	610	635
92201003	IDE60-CE	Filter grid: 7+ 1 shot span	762	787
92201004	IDE72-CE	Filter grid: 7+ 1 shot span	914	939

Product Information

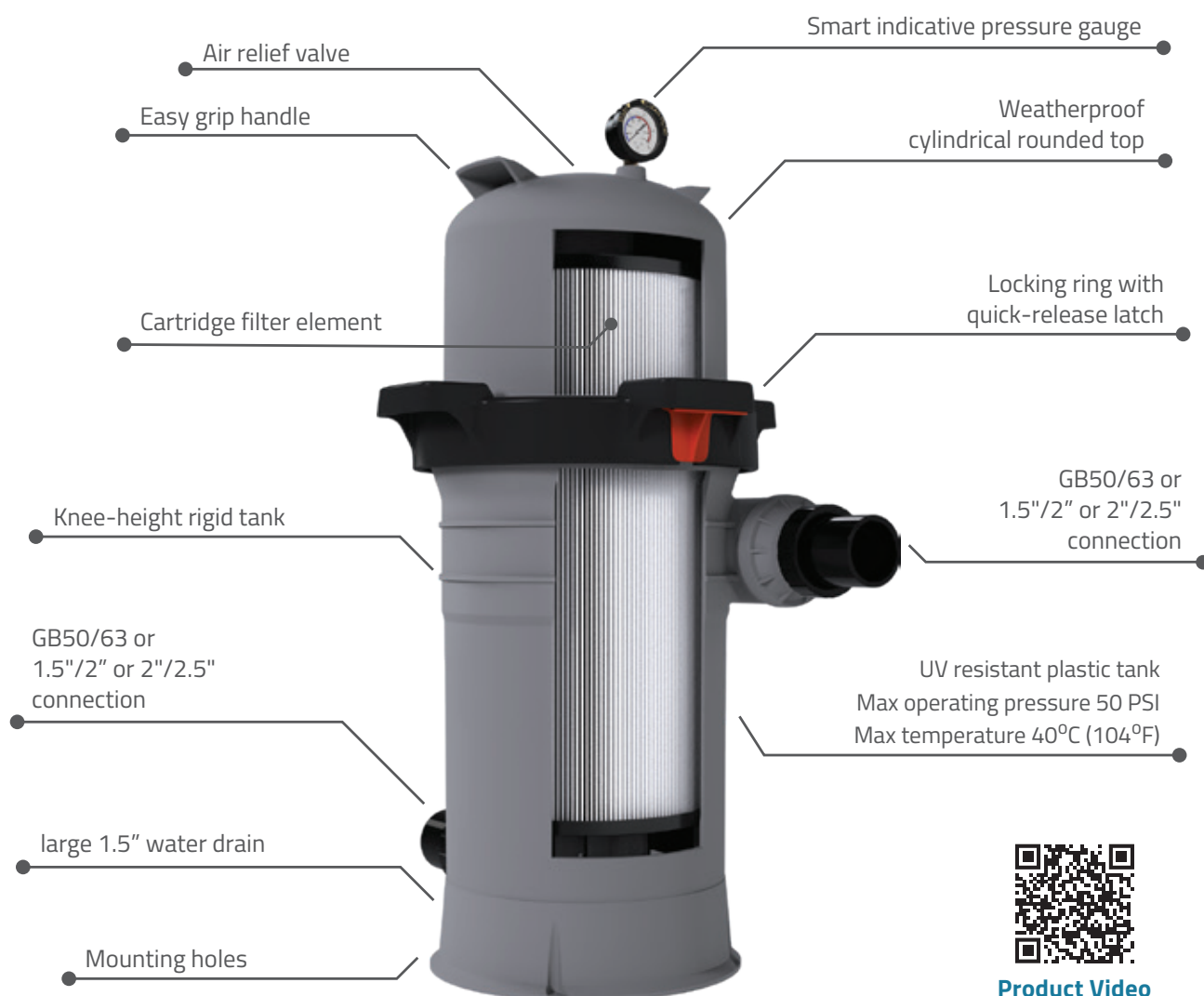
Code	Model	Filter Area		Flow Velocity		Max Flow Rate			Recommended Amount Of D.E.		Recommended Amount Of Perlite		Valve Connections	A	B	C	D	E	F	G
		ft ²	m ²	gpm/ft ²	m ³ /h/m ²	gpm	lpm	m ³ /h	lbs	kgs	lbs	kgs		mm	mm	mm	mm	mm	mm	mm
9220001	IDE36	36	3.3	2.0	4.9	72	269	16.14	4.5	2.0	3.4	1.5	2.0" / 63 mm	886	895	556	504	462	317.5	444.5
9220002	IDE48	48	4.4	2.0	4.9	96	359	21.54	6.0	2.7	4.5	2.0	2.0" / 63 mm	1035	895	556	504	462	317.5	444.5
9220003	IDE60	60	5.5	2.0	4.9	120	448	26.88	7.5	3.4	5.6	2.6	2.0" / 63 mm	1223	895	556	504	462	317.5	444.5
9220004	IDE72	72	6.6	2.0	4.9	144	538	32.28	9.0	4.1	6.8	3.1	2.0" / 63 mm	1362	895	556	504	462	317.5	444.5

Galaxy Single-Element Cartridge Filter

For residential and semi-commercial pools

DELIVER OPTIMAL SPARKLING CLEAR WATER

Galaxy Single-Element Cartridge Filter is built with high-strength and UV-resistant material to prolong the product life. The compact and low height design is suitable for any pool especially with limited system setup space. The extensive dirt-catching capability of the filter element makes this filter highly efficient. A reliable choice for crystal clear water.



[Product Video](#)

Features

Large water drain



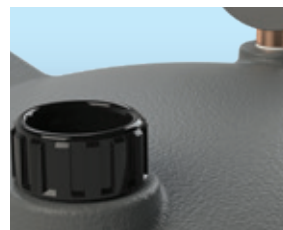
Smart pressure gauge



Quick-release lock ring



Air relief valve



User friendly

- 4 x mounting holes
- Easy-grip lid handle
- Indicative pressure gauge tells you when to service
- Knee-height tank base facilitates easy cartridge replacement

Trouble-free maintenance

- Locking ring with quick-release latch allows removing and installing the top tank quickly.
- Large water drain makes fast and easy winterisation.
- Simple cleaning and rinsing the filter element with a garden hose.

Eco-Friendly

Big one-piece cartridge element provides a large filtration surface for trapping more dirt and debris. Less cleaning required, and unlike sand filters, needs no backwashing thus saving water and its precious chemicals.



Product Information

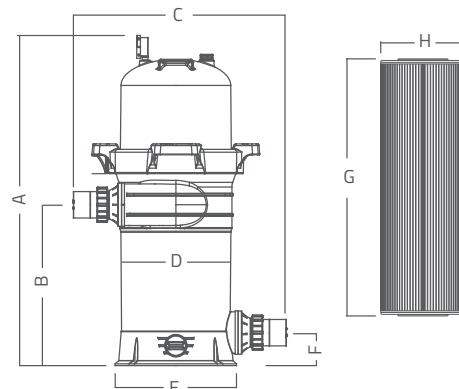
Code	Model with Standard Element	Code	Model with Anti-microbial Element	Filter Area		Flow Velocity		Max Flow Rate			In / Outlet Connections		A	B	C	D	E	F
				ft²	m²	gpm/ft²	m³/h/m²	gpm	lpm	m³/h	GB(mm)	ANSI	mm	mm	mm	mm	mm	mm
9140401	ICF100	9140409	ICF100S	100	9.29	1.0	2.443	100	379	22.7	GB50	1.5"/2"	825	444.5	588	304	335	91
											GB63	2"/2.5"						
9140402	ICF150	9140410	ICF150S	150	13.94	0.8	1.955	120	454	27.2	GB50	1.5"/2"	910	444.5	588	304	335	91
											GB63	2"/2.5"						
9140403	ICF200	9140411	ICF200S	200	18.58	0.6	1.466	120	454	27.2	GB50	1.5"/2"	1033	444.5	588	304	335	91
											GB63	2"/2.5"						

Cartridge Filter Element

Code	Model (Standard)	Code	Model (Anti-microbial Element)	G mm	H mm	Micron µm	Fold Number
914100004	ICF100-CE	914100018	ICF100S-CE	497	Ø267	15	137
914100005	ICF150-CE	914100019	ICF150S-CE	590	Ø267	15	172
914100006	ICF200-CE	914100020	ICF200S-CE	717	Ø267	15	187

Galaxy Series Filter is equipped with :

1. universal standard of union connection
2. pressure gauge
3. cartridge filter element



Galaxy Multi-element Cartridge Filter

For residential & commercial pool and spa

DELIVER SUPERIOR ULTRA CLEAR WATER

The Galaxy Multi-Element Cartridge Filter is designed to be the best in its class. Adopting the latest technology and constructed with non-corroding and durable materials, the Emaux Galaxy Cartridge Filter has a bigger filter area than most models on the market. The high capacity tank partnered with the advanced multi-element raises hydraulic dirt-catching performance to new levels. Due to being eco and user friendly, it's the ideal choice for residential and commercial pools.



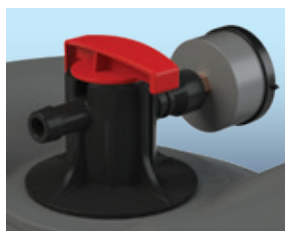
Product Video

Features

Detachable grip handle



Large flow air relief valve



Smart pressure gauge



Large water drain



User friendly

- Indicative pressure gauge tells you when to service
- Optional removable, easy-grip handle
- Knee-height tank base facilitates easy cartridge replacement

Trouble-free maintenance

- 3-session clamp kit allows removing and installing the top tank quickly
- Large water drain makes fast, easy winterisation and simple cleaning and rinsing with a garden hose.

Eco-Friendly

Multi-element provides an enormous surface area to block more dirt thus require less cleaning. Also, no backwashing is needed like sand filters. It can save a large amount of water every year.

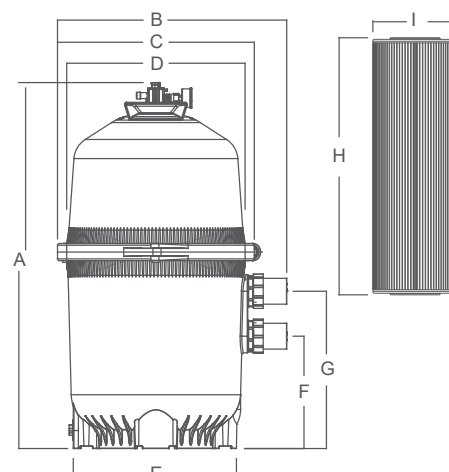


Product Information

Code	Model with Standard Element	Code	Model with Anti-microbial Element	Filter Area		Flow Velocity		Max Flow Rate			In / Outlet Connections		A	B	C	D	E	F	G
				ft²	m²	gpm/ft²	m³/h/m²	gpm	lpm	m³/h	GB(mm)	ANSI	mm	mm	mm	mm	mm	mm	mm
9140404	ICF230	9140412	ICF230S	230	21.37	0.375	0.916	86.25	326	19.6	GB50	1.5"/2"	829	648	556	504	462	317.5	444.5
											GB63	2"/2.5"							
9140405	ICF330	9140413	ICF330S	330	30.66	0.375	0.916	123.75	468	28.1	GB50	1.5"/2"	886	648	556	504	462	317.5	444.5
											GB63	2"/2.5"							
9140406	ICF430	9140414	ICF430S	430	39.95	0.349	0.852	150	568	34.1	GB50	1.5"/2"	1035	648	556	504	462	317.5	444.5
											GB63	2"/2.5"							
9140407	ICF530	9140415	ICF530S	530	49.24	0.283	0.692	150	568	34.1	GB50	1.5"/2"	1223	648	556	504	462	317.5	444.5
											GB63	2"/2.5"							
9140408	ICF680	9140416	ICF680S	680	63.17	0.221	0.539	150	568	34.1	GB50	1.5"/2"	1362	648	556	504	462	317.5	444.5
											GB63	2"/2.5"							

Cartridge Filter Element

Code	Model (Standard)	Code	Model (Anti-microbial Element)	No. of Element	H mm	I mm	Micron µm	Fold Number
914100007	ICF230-CE	914100021	ICF230S-CE	4	441	Ø178	15	156
914100008	ICF330-CE	914100022	ICF330S-CE	4	498	Ø178	15	200
914100009	ICF430-CE	914100023	ICF430S-CE	4	647	Ø178	15	200
914100010	ICF530-CE	914100024	ICF530S-CE	4	835	Ø178	15	190
914100011	ICF680-CE	914100025	ICF680S-CE	8	485	Ø178	15	210



Galaxy Series Filter is equipped with :

1. universal standard of union connection
2. pressure gauge
3. cartridge filter element

EXCEPTIONAL FILTRATION PERFORMANCE

Emaux cartridge filter elements are advanced filtration solutions designed to enhance pool water quality and ensure a cleaner, healthier swimming environment. Engineered with high-density materials and available in various micron ratings and material options, these elements are capable of filtering out particles as small as 5 microns, effectively removing sediment, dirt, and contaminants from the water.

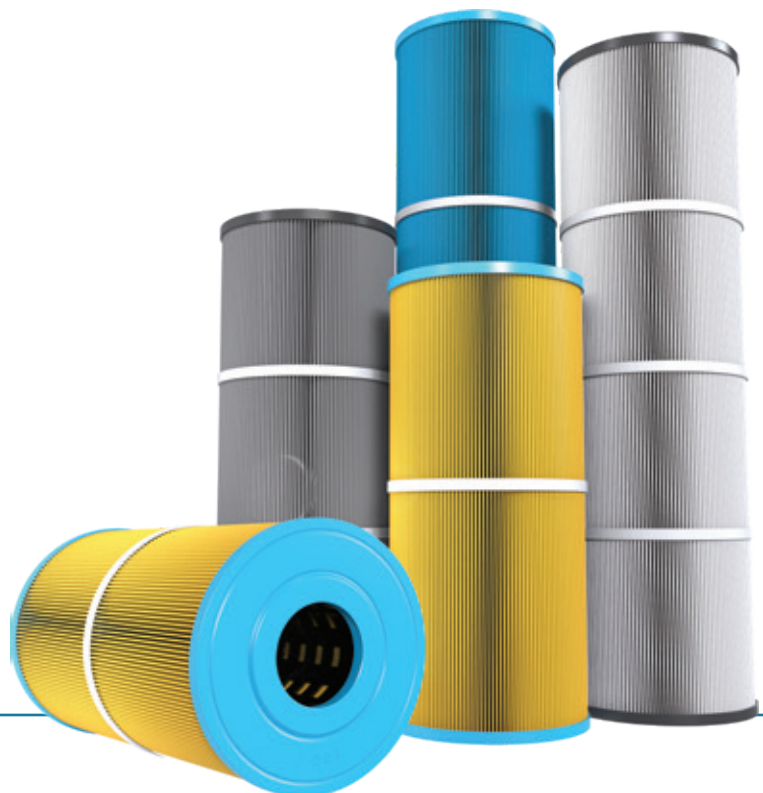
Made of high-quality fabric material, Emaux cartridge filter elements provide efficient and effective filtration of dirt, debris, and other particles from pool or spa water. They are designed to be durable and long-lasting, featuring a strong, sturdy frame and high-quality materials that resist chlorine degradation and can withstand the demands of filtration.

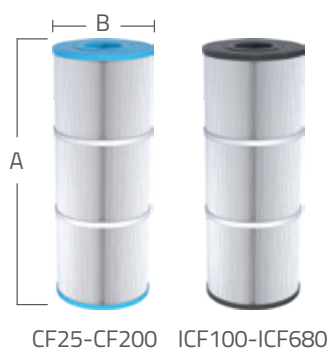
Compatible with Emaux cartridge filters, they offer easy installation and simplified maintenance, making them a convenient choice for pool owners. Available in a wide range of sizes and configurations, it's easy to find the right filter element to fit your specific pool or spa filtration needs.

By investing in Emaux cartridge filter elements, users not only achieve superior water clarity but also promote the longevity and efficiency of their filtration systems. To keep the water clean, clear, and free of contaminants, Emaux cartridge filter elements are the best choice. Upgrade your pool experience with Emaux's innovative filtration technology for crystal-clear water.

Features:

- EASY INSTALLATION
- LOW MAINTENANCE
- WIDE RANGE OF SIZES
- CHEMICAL REDUCTION
- ECO-FRIENDLY DESIGN
- DURABLE CONSTRUCTION
- HIGH FILTRATION QUALITY





STANDARD Cartridge Filter Element

- DELUXE WATER QUALITY
- LONG LASTING
- RESIST CHLORINE DEGRADATION

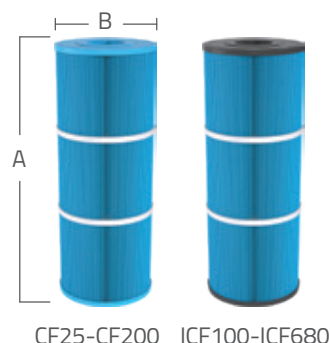
Code	Model	A inches	B inches	Filter Area ft²	Micron µm	Fold Number	No. of Element
88270101	CF25-CE	7"	Ø7"	24	15	150	1
88270102	CF50-CE	14"	Ø7"	50	15	150	1
88270103	CF75-CE	22"	Ø7"	75	15	150	1
88270104	CF100-CE	28"	Ø7"	101	15	150	1
88270105	CF150-CE	36"	Ø7"	148	15	175	1
88270106	CF200-CE	21"	Ø7"	181	15	180	2
914100004	ICF100-CE	20"	Ø11"	100	15	137	1
914100005	ICF150-CE	23"	Ø11"	150	15	172	1
914100006	ICF200-CE	28"	Ø11"	200	15	187	1
914100007	ICF230-CE	17"	Ø7"	230	15	156	4
914100008	ICF330-CE	20"	Ø7"	330	15	200	4
914100009	ICF430-CE	25"	Ø7"	430	15	200	4
914100010	ICF530-CE	33"	Ø7"	530	15	190	4
914100011	ICF680-CE	19"	Ø7"	680	15	210	8

HIGHER EFFICIENCY CORE

Employing engineered ABS to enhance flow, efficiency, and energy efficiency, these unique cores elevate the cartridge's filtration performance.

FRACTURE-RESISTANT BAND

Exceptionally durable and undergoes a stringent sealing process, reinforced to support pleats, easy cleaning and long filtration cycles.



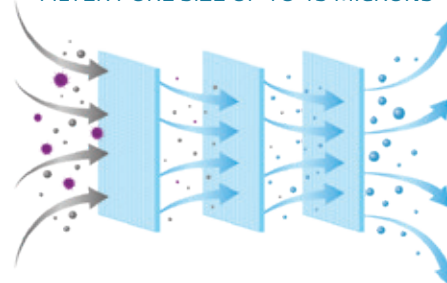
ANTIMICROBIAL Cartridge Filter Element

- LONG LASTING
- SILVER ION TECHNOLOGY
- INHIBIT THE GROWTH OF BACTERIA
- RESIST CHLORINE DEGRADATION

Filter element with Silver ion technology are designed to provide enhanced filtration performance, with the silver ions helping to inhibit the growth of bacteria and other micro-organisms in the filter element. This can result in cleaner, clearer water and a more enjoyable swimming or spa experience.

Code	Model	A inches	B inches	Filter Area ft²	Micron µm	Fold Number	No. of Element
914100012	CF25S-CE	7"	Ø7"	24	15	150	1
914100013	CF50S-CE	14"	Ø7"	50	15	150	1
914100014	CF75S-CE	22"	Ø7"	75	15	150	1
914100015	CF100S-CE	28"	Ø7"	101	15	150	1
914100016	CF150S-CE	36"	Ø7"	148	15	175	1
914100017	CF200S-CE	21"	Ø7"	181	15	180	2
914100018	ICF100S-CE	20"	Ø11"	100	15	137	1
914100019	ICF150S-CE	23"	Ø11"	150	15	172	1
914100020	ICF200S-CE	28"	Ø11"	200	15	187	1
914100021	ICF230S-CE	17"	Ø7"	230	15	156	4
914100022	ICF330S-CE	20"	Ø7"	330	15	200	4
914100023	ICF430S-CE	25"	Ø7"	430	15	200	4
914100024	ICF530S-CE	33"	Ø7"	530	15	190	4
914100025	ICF680S-CE	19"	Ø7"	680	15	210	8

SUPREME FILTRATION FABRIC PET SPUNLACE NON-WOVEN FABRIC FILTER PORE SIZE UP TO 15 MICRONS



ANTIMICROBIAL SILVER ION TECHNOLOGY



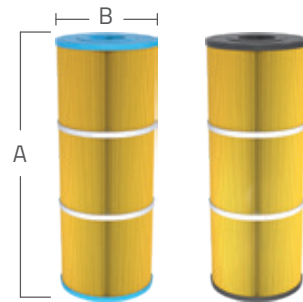
Silver ion is an antimicrobial agent that stops the growth of micro-organisms. It prevents the growth for a wide range of microbes. Silver ion effectively inhibit the growth of bacteria on the cartridge surface.

HIGH-DENSITY FILTRATION

Cartridge Filter Element

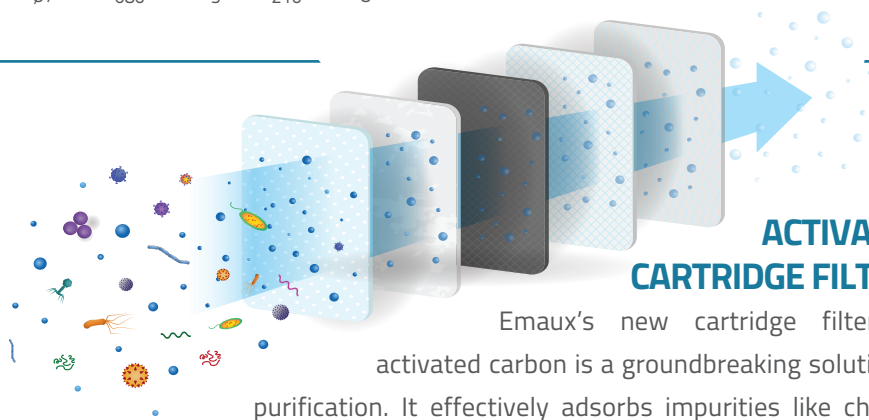
- **SUPERIOR WATER QUALITY**
- **RESIST CHLORINE DEGRADATION**
- **SYSTEM LONGEVITY and EFFICIENCY**
- **5 MICRONS HIGH-DENSITY FILTRATION**

Code	Model	A inches	B inches	Filter Area ft²	Micron µm	Fold Number	No. of Element
914100030	CF25Y-CE	7"	Ø7"	24	5	150	1
914100031	CF50Y-CE	14"	Ø7"	50	5	150	1
914100032	CF75Y-CE	22"	Ø7"	75	5	150	1
914100033	CF100Y-CE	28"	Ø7"	101	5	150	1
914100034	CF150Y-CE	36"	Ø7"	148	5	175	1
914100035	CF200Y-CE	21"	Ø7"	181	5	180	2
914100036	ICF100Y-CE	20"	Ø11"	100	5	137	1
914100037	ICF150Y-CE	23"	Ø11"	150	5	172	1
914100038	ICF200Y-CE	28"	Ø11"	200	5	187	1
914100039	ICF230Y-CE	17"	Ø7"	230	5	156	4
914100040	ICF330Y-CE	20"	Ø7"	330	5	200	4
914100041	ICF430Y-CE	25"	Ø7"	430	5	200	4
914100042	ICF530Y-CE	33"	Ø7"	530	5	190	4
914100043	ICF680Y-CE	19"	Ø7"	680	5	210	8



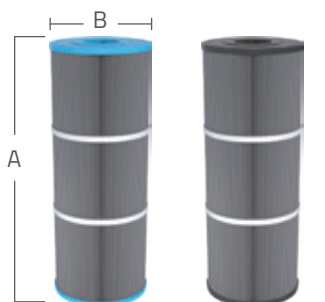
CF25-CF200 ICF100-ICF680

Emaux's new high-density cartridge filter elements are crucial for superior pool purification. Capable of filtering particles as small as 5 microns, they enhance water quality by removing sediment, dirt, and contaminants, creating a healthier swimming environment. Compatible with Emaux cartridge filters, they are easy to install and maintain. Investing in these elements ensures cleaner, safer water while promoting system longevity and efficiency. Upgrade your pool experience with Emaux's innovative filtration solutions!



ACTIVATED CARBON CARTRIDGE FILTER ELEMENT

Emaux's new cartridge filter element with activated carbon is a groundbreaking solution for pool water purification. It effectively adsorbs impurities like chloramine, volatile organic compounds (VOCs), and odors, enhancing water taste and clarity. This innovative filter significantly reduces harsh chlorine levels and harmful chemicals, including heavy metals like lead and mercury, promoting a healthier swimming environment for all.



CF25-CF200 ICF100-ICF680

ACTIVATED CARBON Cartridge Filter Element

- **OPTIMUM WATER QUALITY**
- **RESIST CHLORINE DEGRADATION**
- **ACTIVATED CARBON TECHNOLOGY**
- **ADSORBING CHLORAMINE, VOCs and ODORS**

Code	Model	A inches	B inches	Filter Area ft²	Micron µm	Fold Number	No. of Element
914100044	CF25A-CE	7"	Ø7"	14.5	50	90	1
914100045	CF50A-CE	14"	Ø7"	29.8	50	90	1
914100046	CF75A-CE	22"	Ø7"	45.2	50	90	1
914100047	CF100A-CE	28"	Ø7"	60.5	50	90	1
914100048	CF150A-CE	36"	Ø7"	75.8	50	90	1
914100049	CF200A-CE	21"	Ø7"	90.4	50	90	2
914100050	ICF100A-CE	20"	Ø11"	77.8	50	105	1
914100051	ICF150A-CE	23"	Ø11"	92.8	50	105	1
914100052	ICF200A-CE	28"	Ø11"	113.1	50	105	1
914100053	ICF230A-CE	17"	Ø7"	132.4	50	90	4
914100054	ICF330A-CE	20"	Ø7"	150.3	50	90	4
914100055	ICF430A-CE	25"	Ø7"	196.8	50	90	4
914100056	ICF530A-CE	33"	Ø7"	254.5	50	90	4
914100057	ICF680A-CE	19"	Ø7"	292.0	50	90	8

CF Series Cartridge Filter

For residential and semi-commercial pools

COMPACT AND LIGHTWEIGHT

The CF Series Filter comes with a UV resistant tank and a heavy-duty ring-lock lid which allows easy cleaning and replacement of the cartridge element. A screw-type air bleed valve releases trapped air inside the filter tank. The high-quality oil-filled pressure gauge provides an easy overview of the operating pressure.

Tank Material

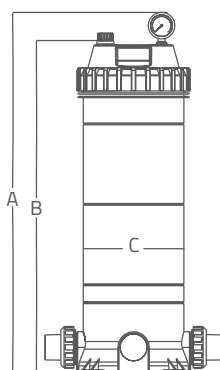
UV Resistant Plastic

Max Operating Pressure

250kPa/36psi(2.5bar)

Max Temperature

40°C (104°F)



Model: CF200

Model: CF25

Product Information:

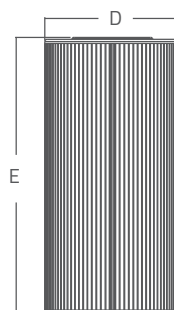
Code	Model with Standard Element	Code	Model with Anti-microbial Element	Filter Area (m²)	Valve Connections	Max Flow Rate	A mm	B mm	C mm
88060101	CF25	914000001	CF25S	2.25	1.5" / 50mm	92 lpm 5.5m³/h	445	387	225
88060102	CF50	914000002	CF50S	4.63	1.5" / 50mm	190 lpm 11.4m³/h	625	567	225
88060103	CF75	914000003	CF75S	7.00	1.5" / 50mm	283 lpm 17.0m³/h	805	747	225
88060104	CF100	914000004	CF100S	9.40	2.0" / 63mm	382 lpm 22.9m³/h	985	927	225
88060105	CF150	914000005	CF150S	13.72	2.0" / 63mm	555 lpm 33.4m³/h	1165	1107	225
88060106	CF200	914000006	CF200S	16.82	2.0" / 63mm	680 lpm 40.9m³/h	1345	1287	225

CF Series Filter is equipped with :

1. Universal standard of union connection
2. Pressure gauge
3. Cartridge filter element

Cartridge Filter Element:

Code	Model (Standard)	Code	Model (Anti-microbial Element)	D mm	E mm	Micron µm	Fold Number
88270101	CF25-CE	914100012	CF25S-CE	Ø183	184.5	15	150
88270102	CF50-CE	914100013	CF50S-CE	Ø183	364.5	15	150
88270103	CF75-CE	914100014	CF75S-CE	Ø183	544.5	15	150
88270104	CF100-CE	914100015	CF100S-CE	Ø183	724.5	15	150
88270105	CF150-CE	914100016	CF150S-CE	Ø183	904.5	15	175
88270106	CF200-CE	914100017	CF200S-CE	Ø183	544.5 x 2	15	180



HD Series Deep Bed Filter

For domestic and light commercial filtration

SLIM DESIGN AND EASY INSTALLATION

HD Series Deep Bed Filter is designed for filtering incoming water supply for domestic and light commercial use. Undesired particles such as rust, sand, dirt, and other impurities found in water are trapped by the filter bed, offering crystal clear filtered water. Simple operation, ultra-long life, robust weather, and sunlight resistant fiberglass tank.



Model:
HD15350

Model:
HD13300

Tank Material

Bobbin Wound
Reinforced Fiberglass

Max Operating Pressure

100 psi / 7 bar

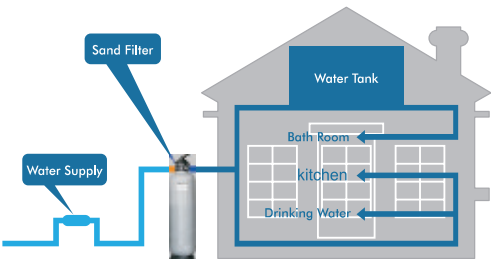
Max Temperature

50°C (122°F)

Suggested Size of Media

0.5-0.8mm

Basic System Overview:



HD Series Filter is equipped with :

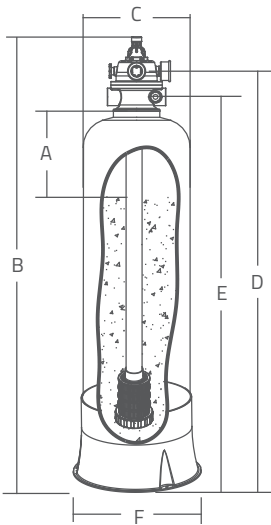
1. 6-way screw style multiport valve (1" MPV06)
2. Universal standard of union connection
3. Pressure gauge
4. Lateral system

Technical Information

Code	Model	Filter Area (m²)	Valve Connections	Max Flow Rate	Sand (kg)
88012720	HD13300	0.07	1.0" / 33mm	58.5 lpm 3.51m³/h	75
88012721	HD13350	0.10	1.0" / 33mm	68.3 lpm 4.10m³/h	98
88012722	HD13400	0.13	1.0" / 33mm	78.0 lpm 4.68m³/h	130
88012723	HD15300	0.07	1.0" / 33mm	53.3 lpm 3.21m³/h	86
88012724	HD15350	0.10	1.0" / 33mm	62.5 lpm 3.75m³/h	118
88012725	HD15400	0.13	1.0" / 33mm	71.5 lpm 4.29m³/h	154

Product Dimensions

Model No	A mm	B mm	C mm	D mm	E mm	F mm
HD13300	400	1300	306	1204	1130	343
HD13350	400	1300	356	1204	1130	390
HD13400	400	1300	406	1204	1130	450
HD15300	500	1500	306	1404	1330	343
HD15350	500	1500	356	1404	1330	390
HD15400	500	1500	406	1404	1330	450





COMMERCIAL FILTER

Perlite Filtration System **NEW**

For commercial pools, aquatic parks and aquariums and large scale water features

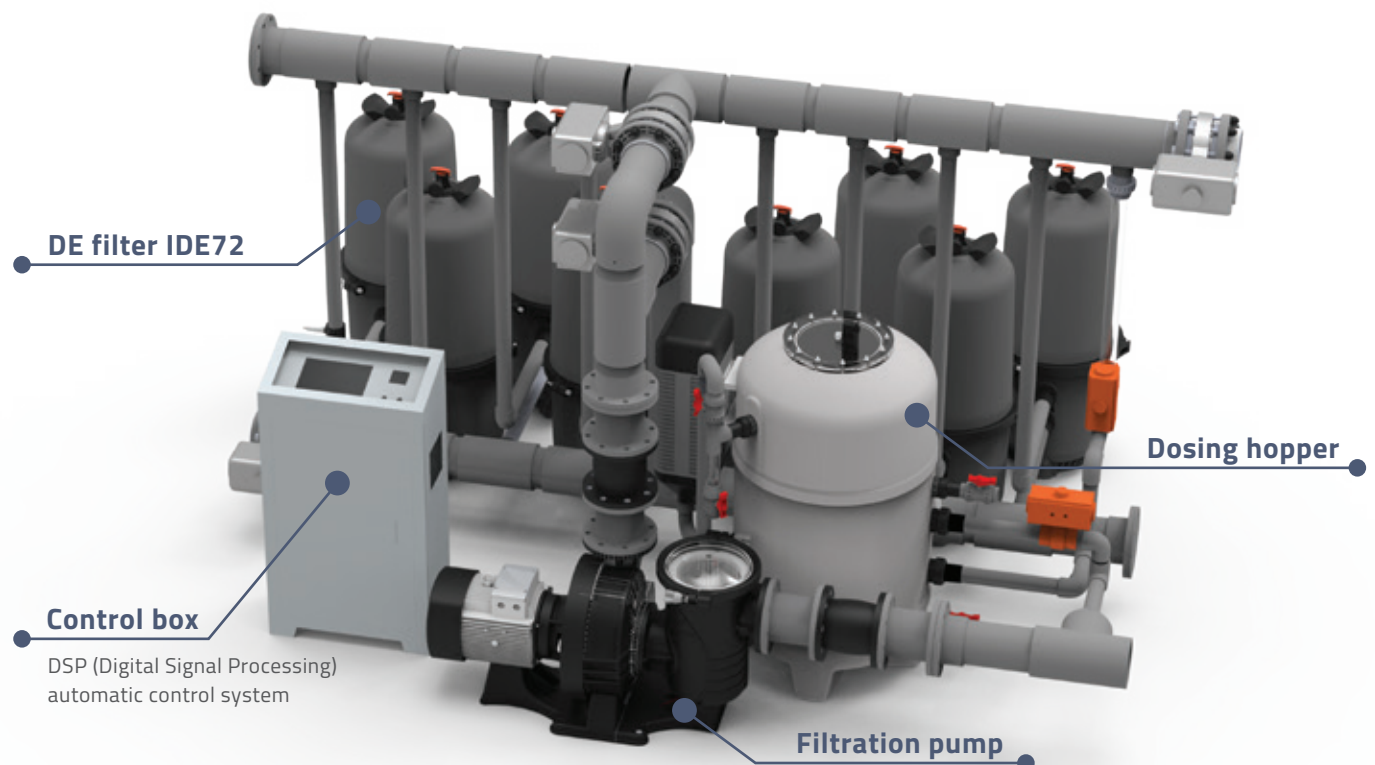
Automatic Cleaning for Hassle-Free Maintenance!

The Emaux Perlite (Diatomaceous Earth [DE] compatible) Filtration System is an efficient and advanced solution specifically designed for swimming pool filtration. The DSP (Digital Signal Processing) automatic control system utilizes the exceptional filtering performance of perlite, capable of capturing even the smallest particles to ensure a clean and healthy swimming environment.

The system features a graphical user interface that makes it easy to control and monitor performance, allowing for optimal water quality maintenance. It includes automatic functions for coating the perlite and cleaning the filter. This intelligent system automatically manages the coating of the perlite filter media, ensuring sustained high-efficiency filtration throughout the entire process.

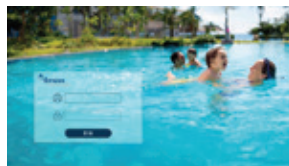
Additionally, the automatic cleaning function helps maintain filter performance, reducing the need for manual maintenance and prolonging the system's lifespan. With a flow rate of up to 160 m³/h, this system is suitable for large-scale swimming pools, ensuring rapid water circulation and effective filtration for a refreshing and comfortable swimming experience.

Any self-diagnostic, disassembly, or modification of the electrical circuits in the Emaux Perlite Filtration System must be carried out exclusively by professional pool technicians.

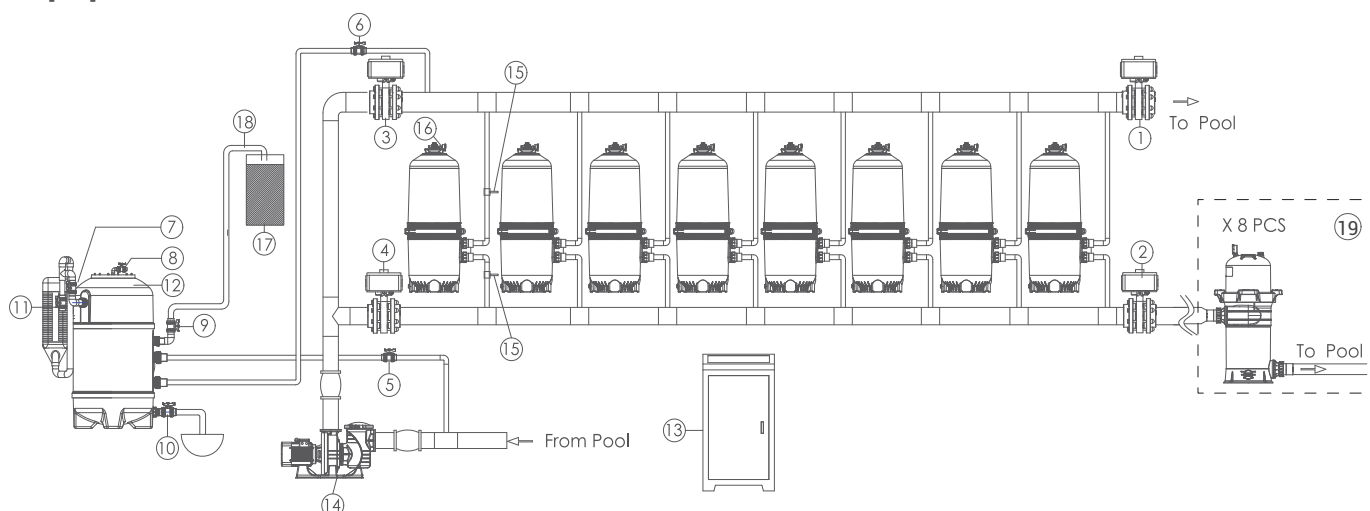


Product Features:

1. Automatic cleaning function
2. Graphical user interface
3. For easy maintenance
4. Exceptional filtration quality



Equipment installation:



Emaux Perlite filtration system consists of the following parts:

Item	Parts	Specification	Quantity
1	Outlet valve	GB160 Electric Butterfly Valve	1
2	Drain valves	GB160 Electric Butterfly Valve	1
3	Backwash inlet valve	GB160 Electric Butterfly Valve	1
4	Filtration inlet valve	GB160 Electric Butterfly Valve	1
5	Chemical feed valve	GB63 Electric Butterfly Valve	1
6	Make-up valv	GB63 Electric Butterfly Valve	1
7	Air release valvee	1/2" solenoid valve	1
8	Vacuum suction valve	GB50 solenoid valve	1
9	Vacuum inlet valve	GB50 Live Ball Valve	1

Item	Parts	Specification	Quantity
10	Drain valves	GB50 Live Ball Valve	1
11	Vacuum pump	IDE72-8 220V 2KW	1
12	Dosing hopper	GDB750L	1
13	Control box	IDE72-8	1
14	Filtration pump	APS Serie Pump**	1
15	Pressure transmitters	PS6000-CR-BZ-A1-A-0.5/CD3	1
16	DE filter IDE72	IDE72	*
17	Perlite (powder for lamination)	User-prepared perlite powder	1
18	Hose	Steel wire hose, inner diameter 51mm	1
19	IDE Perlite Separator	Optional equipment - ICF100	***

* & ** Please check the table below

*** Consult with Emaux's distributor

Product Specifications:

Code	Model	Filtration area	Max. Flow Rate	Space for Installation (mm)	Recommended weight of Perlite#	DE filter IDE72 Quantity*	Filtration pump Specification**	Operating power	Operating voltage
922020001	IDE72-8	52.8m ²	160m ³ /h	3900x2700x2200	20-24.8kg	8	APS1500	14kW	380V, 50Hz
922020002	IDE72-6	39.6m ²	120m ³ /h	3200x2700x2200	15-18.6kg	6	APS1000	11kW	three-phase
922020003	IDE72-4	26.4m ²	80m ³ /h	2500x2700x2200	10-12.4kg	4	APS750	9kW	five-wire

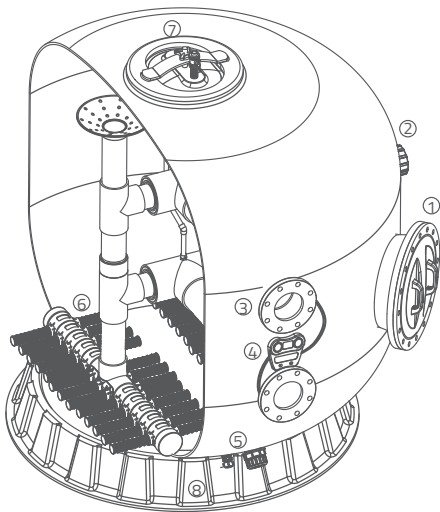
#Recommended weight of DE (First start or after rinse)

**For specific projects, additional pumps may be required

Commercial Filter

ABLE TO WORK AND RESIST EXTREME WEATHER CONDITIONS

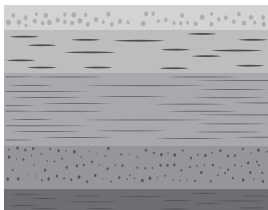
The filter tank is manufactured of durable, non-corrosive fiberglass and resin, with automatic bobbin winding technology, UV resistant composites, which allow the filter to operate under extreme weather conditions.



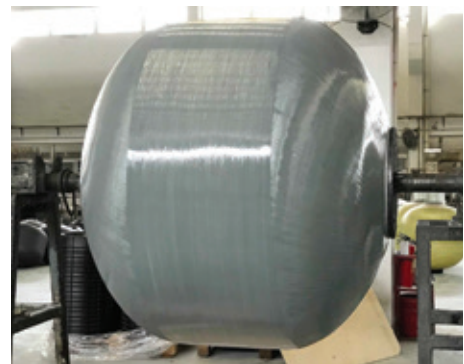
Components:

- ① **Manhole**
Lateral manhole for easy access to internal system maintenance and service
- ② **Sightglass**
Allows great observation on media status and backwash effect
- ③ **Flange**
Heavy duty FRP flange connections in either ANSI or DIN standard
- ④ **Manometer**
High quality pressure gauge to monitor the pressure inside the filter tank
- ⑤ **Union Drain**
A quick discharge point for water and filter media
- ⑥ **Lateral System**
Constructed of ABS+PP material with rigid structure and 0.4mm slot
- ⑦ **Air Vent Valve**
Release air bubble valve in the filtration system
- ⑧ **Base**
Flat base for increase the stability

Multi-layer construction (from inner to outer):



- ① ISO or VE gelcoat barrier, corrosion resistant
- ② Woven roving fibers with ISO polyester resin, water proofing
- ③ Woven roving with high content of fiberglass, structural strength
- ④ Continuous outer filament winding with ISO resin, reinforced to withstand pressure
- ⑤ PU surface coating, UV resistant and dirt protection



Computer controlled filament winding



Non-Corrosive



UV
Resistance



Chemical
Resistance



Nil
Maintenance



Non-Electrical
Conductive



Long
Service Life



Low ratio of
Thermal
Expansion



Light and
Easy Handling

Commercial Filters NL, E, K Series

For competition swimming pools, aquatic parks, aquariums, commercial spas, fountains and water treatment plants

EXCELLENT PERFORMANCE WITH DEEP SAND BED!

The filter tank is manufactured of durable, non-corrosive fiberglass and resin, with automatic bobbin winding technology, UV resistant composites, which allow the filter to operate under extreme weather conditions.

Filtration System

Laterals / Nozzles

Max Filtration Velocity

50m³/h/m²

Max Operating Pressure

36psi(2.5bar)

58psi(4.0bar)

Max Temperature

43°C (109°F)

Suggested Size of Media

0.5-0.8mm

1-2mm



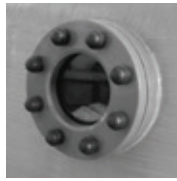
Product Features:

1. Multi-construction layers: non-corrosive and chemical protective
2. UV resistance, suitable for operation under prolonged sunlight
3. High filtration standard with deep sand bed
4. Bobbin wound fiberglass reinforcement with polyester resin
5. Available with laterals or nozzle plate system for air scouring capabilities
6. Optional accessories includes sight glass, manhole, union drain, and air purge

Optional Accessories:

Sightglass: 114mm

Code: E012072



Air purge: 20mm

Code: E012054



Manhole: Dia.400mm

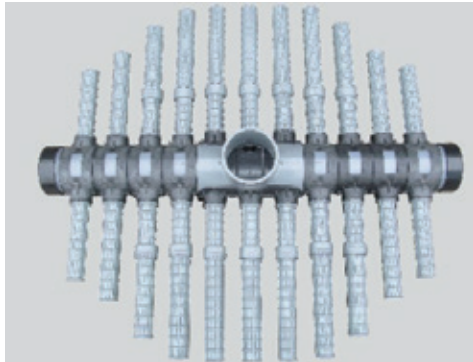
Code: 4105064354

Manhole: Dia.500mm

Code: 4105067252



Laterals System:

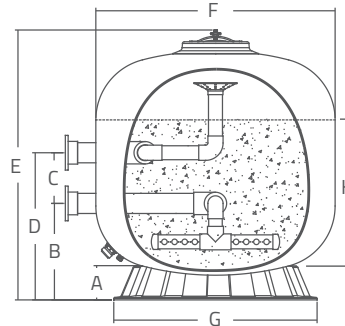


Nozzle System:



Flange connection standard optional:
GB(HG20592 PN1.0MPa) or ANSI(ANSI B16.5(1988) Class150)

NL Series



Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm
NL1200	170	565	350	915	1410	1200	1000	720
NL1400	190	565	350	915	1570	1400	1220	760
NL1600	200	650	350	1000	1740	1620	1365	820
NL1800	220	690	415	1105	2040	1790	1630	950
NL2000	220	770	415	1185	2210	1945	1630	1020
NL2300	230	950	550	1500	2510	2375	1800	1200
NL2500	230	1050	550	1600	2670	2495	1800	1290

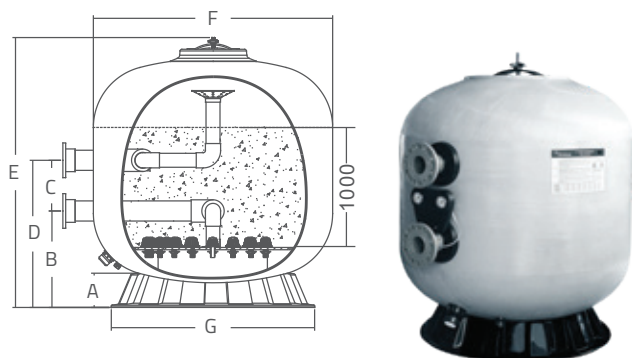
With Laterals System

Code 2.5bar	Code 4bar	Model	Vol. (m³)	Filter Area (m²)	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m³/h	0.5-0.8mm	1-2mm
88012813	88013213	NL1200	1.17	1.13	80	3"	942	56.5	681	359
88012814	88013214	NL1400	1.64	1.54	100	4"	1283	77	941	460
88012815	88013215	NL1600	2.48	2.01	100	4"	1675	100.5	1412	771
88012816	88013216	NL1800	4.02	2.54	150	6"	2100	126	2366	1343
88012817	88013217	NL2000	4.61	2.97	150	6"	2475	148.5	2781	1375
88012818	88013218	NL2300	8.09	4.34	200	8"	3617	217	5539	1682
88012819	88013219	NL2500	10.00	4.89	200	8"	4075	244.5	6366	1972

With Nozzle System

Code 2.5bar	Code 4bar	Model	Vol. (m³)	Filter Area (m²)	Flange Connections		Max Flow Rate		Sand Weight (kg)	
					GB(mm)	ANSI	lpm	m³/h	0.5-0.8mm	1-2mm
88013313	88013413	NL1200	1.17	1.13	80	3"	942	56.5	575	274
88013314	88013414	NL1400	1.64	1.54	100	4"	1283	77	778	382
88013315	88013415	NL1600	2.48	2.01	100	4"	1675	100.5	1208	496
88013316	88013416	NL1800	4.02	2.52	150	6"	2100	126	2167	609
88013317	88013417	NL2000	4.61	2.97	150	6"	2475	148.5	2550	715
88013318	88013418	NL2300	8.09	4.34	200	8"	3617	217	5075	972
88013319	88013419	NL2500	10.00	4.89	200	8"	4075	244.5	5815	1117

E Series



Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
E1050	170	625	550	1175	1816	1050	960
E1200	190	630	550	1180	1816	1200	995
E1400	200	630	550	1180	1816	1400	1220
E1600	220	720	490	1210	1916	1600	1365
E1800	220	750	440	1190	1956	1800	1630
E2000	230	770	490	1260	2060	2000	1630
E2200	230	940	500	1440	2376	2200	1800

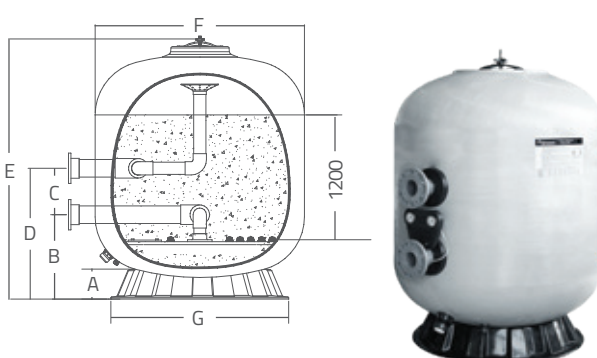
With Laterals System

Code 2.5bar	Code 4bar	Model	Vol. (m³)	Filter Area (m²)	Flange Connections GB(mm)	ANSI	Max Flow Rate lpm	m³/h	Sand Weight (kg) 0.5-0.8mm	1-2mm
9014801	9014802	E1050	1.24	0.86	80	3"	717	43	859	272
9014805	9014806	E1200	1.56	1.13	80	3"	942	56.5	1075	428
9014809	9014810	E1400	2.10	1.54	100	4"	1283	77	1495	498
9014813	9014814	E1600	2.84	2.01	100	4"	1675	100.5	1997	949
9014817	9014818	E1800	3.69	2.54	150	6"	2117	127	2366	1343
9014821	9014822	E2000	4.61	3.14	150	6"	2617	157	2781	1375
9014825	9014826	E2200	6.49	3.80	200	8"	3167	190	4568	1479

With Nozzle System

Code 2.5bar	Code 4bar	Model	Vol. (m³)	Filter Area (m²)	Flange Connections GB(mm)	ANSI	Max Flow Rate lpm	m³/h	Sand Weight (kg) 0.5-0.8mm	1-2mm
9014803	9014804	E1050	1.24	0.86	80	3"	717	43	772	215
9014807	9014808	E1200	1.56	1.13	80	3"	942	56.5	982	269
9014811	9014812	E1400	2.10	1.54	100	4"	1283	77	1337	383
9014815	9014816	E1600	2.84	2.01	100	4"	1675	100.5	1809	496
9014819	9014820	E1800	3.69	2.54	150	6"	2117	127	2469	609
9014823	9014824	E2000	4.61	3.14	150	6"	2617	157	2550	715
9014827	9014828	E2200	6.49	3.80	200	8"	3167	190	4234	841

K Series



Product Dimensions

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm
K1050	170	625	550	1175	2016	1050	960
K1200	170	665	350	1015	2080	1200	995
K1400	190	675	350	1025	2175	1400	1220
K1600	200	775	350	1125	2310	1600	1365
K1800	220	780	415	1195	2320	1800	1630
K2000	220	865	415	1280	2460	2000	1630
K2300	230	1060	550	1610	2720	2350	1800
K2500	230	1120	550	1670	2750	2500	1800

With Laterals System

Code 2.5bar	Code 4bar	Model	Vol. (m³)	Filter Area (m²)	Flange Connections GB(mm)	ANSI	Max Flow Rate lpm	m³/h	Sand Weight (kg) 0.5-0.8mm	1-2mm
9013047	9013048	K1050	1.41	0.86	80	3"	717	43	1105	281
88011513	88013513	K1200	1.93	1.13	80	3"	942	56.5	1319	457
88011514	88013514	K1400	2.57	1.54	100	4"	1283	77	1803	479
88011515	88013515	K1600	3.63	2.01	100	4"	1675	100.5	2341	867
88011516	88013516	K1800	4.73	2.54	150	6"	2100	126	2934	1133
88011517	88013517	K2000	5.86	3.14	150	6"	2475	148.5	3665	1751
88011518	88013518	K2300	8.96	4.34	200	8"	3617	217	6743	1668
88011519	88013519	K2500	10.39	4.90	200	8"	4075	244.5	7685	2103

With Nozzle System

Code 2.5bar	Code 4bar	Model	Vol. (m³)	Filter Area (m²)	Flange Connections GB(mm)	ANSI	Max Flow Rate lpm	m³/h	Sand Weight (kg) 0.5-0.8mm	1-2mm
9013049	9013050	K1050	1.41	0.86	80	3"	717	43	1017	214
88012913	88013613	K1200	1.93	1.13	80	3"	942	56.5	1219	262
88012914	88013614	K1400	2.57	1.54	100	4"	1283	77	1661	360
88012915	88013615	K1600	3.63	2.01	100	4"	1675	100.5	2169	472
88012916	88013616	K1800	4.73	2.54	150	6"	2100	126	2722	592
88012917	88013617	K2000	5.86	3.14	150	6"	2475	148.5	3396	728
88012918	88013618	K2300	8.96	4.34	200	8"	3617	217	6308	986
88012919	88013619	K2500	10.39	4.90	200	8"	4075	244.5	7178	1044

Commercial Filters H Series

For commercial pools, aquatic parks and aquariums and large scale water features

LONG SERVICE LIFE, HIGH FILTRATION SURFACE

With the professional engineering experience and a large Glassfiber Reinforced Polyester (GRP) production facility, Emaux is capable to design and manufacture a wide variety of commercial sand filters constructed by a multiple-layer moulded structural inner layer, and a continues outer filament winding by computer controlled winding machines.

Filtration System

Laterals

Max Filtration Velocity

50m³/h/m²

Max Operating Pressure

36psi(2.5bar)

58psi(4.0bar)

Max Temperature

43°C (109°F)

Suggested Size of Media

0.5-0.8mm

1-2mm



Product Features:

1. Multi-construction layers: non-corrosive and chemical protective
2. UV resistance, suitable for operation under prolonged sunlight
3. Inner filtration system with evenly spread laterals enhances filtration performance.
4. Bobbin wound fiberglass reinforcement with polyester resin
5. Service manhole for easy maintenance
6. Equipped with manometer for easy reading of the working pressure of both inlet and outlet.

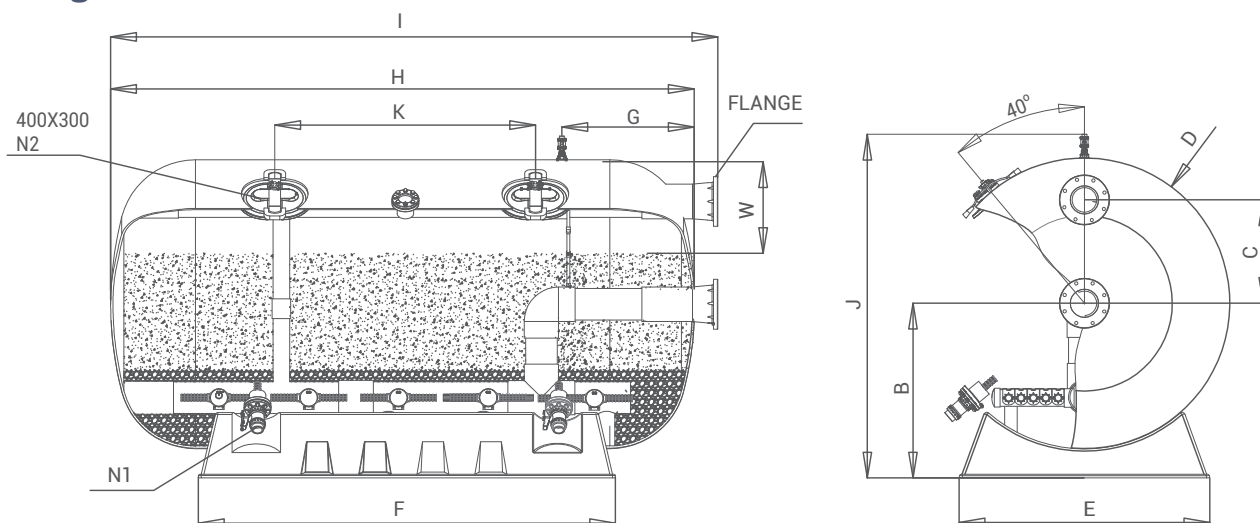
Optional Accessories:

Sightglass: 114mm

Code: E012072



Diagrams:



H Series

Diameter: 1200mm / Sand bed depth: 0.6m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area (m²)	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8 mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size pcs	N2	W
88350102	88350107	H1200-1.9	100	4"	39	20	1.96	1100	425	747	325	1200	1100	1190	650	1900	2030	1500	/	2"×1	1	350
88350103	88350108		150	6"	79	40											2060		/			
88350202	88350207	H1200-2.3	100	4"	48	20	2.42	1425	550	747	325	1200	1100	1590	650	2300	2430	1500	/	2"×1	1	350
88350203	88350208		150	6"	97	40											2460		/			
88350302	88350307	H1200-2.5	100	4"	53	20	2.65	1750	700	747	325	1200	1100	1790	650	2500	2630	1500	/	2"×1	1	350
88350303	88350308		150	6"	107	40											2660		/			
88350402	88350407	H1200-2.7	100	4"	57	20	2.87	2075	825	747	325	1200	1100	1990	650	2700	2830	1500	/	2"×1	1	350
88350403	88350408		150	6"	115	40											2860		/			
88350502	88350507	H1200-3.0	100	4"	64	20	3.21	2325	925	747	325	1200	1100	2290	650	3000	3130	1500	1330	2"×1	2	350
88350503	88350508		150	6"	129	40											3160		1330			

Diameter: 1400mm / Sand bed depth: 0.8m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area(m²)	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8 mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size pcs	N2	W
88350602	88350607	H1400-1.9	100	4"	45	20	2.23	2100	575	847	390	1400	1130	1340	730	1900	2030	1700	/	2"*1	1	390
88350603	88350608		150	6"	89	40											2060		/	2"*1	1	
88350702	88350707	H1400-2.5	100	4"	60	20	3.02	2825	800	847	390	1400	1130	1840	730	2500	2630	1700	/	2"*1	1	390
88350703	88350708		150	6"	121	40											2660		/	2"*1	1	
88350802	88350807	H1400-3.0	100	4"	73	20	3.67	3450	1000	847	390	1400	1130	2340	730	3000	3130	1700	1260	2"*1	2	390
88350803	88350808		150	6"	110	30											3160		1260	2"*1	2	
88350804	88350809		200	8"	147	40											3180		1260	2"*1	2	

H Series

Diameter: 1600mm / Sand bed depth: 1.0m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area (m²)	Sand (kg)		Dimensions (mm)													
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size pcs	N2	W	
88350902	88350907	H1600-1.9	100	4"	49	20	2.47	2850	600	945	475	1600	1440	1210	810	1900	2130	1900	/	4"x1	1	470	
88350903	88350908		150	6"	99	40											2160	1900	/	4"x1	1		
88351003	88351008	H1600-2.5	150	6"	101	30	3.36	3875	850	945	475	1600	1440	1710	810	2500	2660	1900	/	4"x1	1	470	
88351004	88351009		200	8"	134	40											2680	1900	/	4"x1	1		
88351103	88351108	H1600-3.0	150	6"	123	30	4.10	4750	1050	945	475	1600	1440	2210	810	3000	3160	1900	1200	4"x1	2	470	
88351104	88351109		200	8"	164	40											3180	1900	1200	4"x1	2		

Diameter: 1800mm / Sand bed depth: 1.0m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area (m²)	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size pcs	N2	W
88351203	88351208	H1800-2.5	150	6"	112	30	3.74	4850	975	1100	550	1800	1380	1560	850	2500	2660	2170	/	4"×1	1	530
88351204	88351209		200	8"	150	40											2680	2170	/	4"×1	1	
88351303	88351308	H1800-3.0	150	6"	137	30	4.58	5925	1225	1100	550	1800	1380	2060	850	3000	3160	2170	/	4"×1	1	530
88351304	88351309		200	8"	183	40											3180	2170	/	4"×1	1	
88351404	88351409	H1800-3.5	200	8"	162	30	5.41	7000	1475	1100	550	1800	1380	2560	850	3500	3680	2170	1300	4"×1	2	530
88351405	88351410		250	10"	216	40											3680	2170	1300	4"×1	2	
88351503	88351508	H1800-4.0	150	6"	125	20	6.25	8075	1700	1100	550	1800	1380	3060	850	4000	4160	2170	1820	4"×2	2	530
88351504	88351509		200	8"	187	30											4180	2170	1820	4"×2	2	
88351505	88351510		250	10"	250	40											4180	2170	1820	4"×2	2	

Diameter: 2000mm / Sand bed depth: 1.2m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area (m²)	Sand (kg)		Dimensions (mm)												
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 Size pcs	N2	W
88351603	88351608	H2000-2.5	150	6"	130	30	4.34	6576	1050	1200	710	2000	1720	1380	1000	2500	2660	2370	/	4"×1	1	700
88351604	88351609		200	8"	174	40											2680			4"×1	1	
88351703	88351708	H2000-3.0	150	6"	159	30	5.30	8025	1300	1200	710	2000	1720	1880	1000	3000	3160	2370	/	4"×1	1	700
88351704	88351709		200	8"	212	40											3180			4"×1	1	
88351803	88351808	H2000-3.5	150	6"	125	20	6.25	9475	1550	1200	710	2000	1720	2380	1000	3500	3660	2370	1300	4"×1	2	700
88351804	88351809		200	8"	187	30											3680			4"×1	2	
88351805	88351810		250	10"	250	40											3680			4"×1	2	
88351903	88351908	H2000-4.0	150	6"	144	20	7.21	10925	1800	1200	710	2000	1720	2880	1000	4000	4160	2370	1800	4"×2	2	700
88351904	88351909		200	8"	216	30											4180			4"×2	2	
88351905	88351910		250	10"	288	40											4180			4"×2	2	
88352004	88352009	H2000-4.5	200	8"	245	30	8.16	12375	2075	1200	710	2000	1720	3380	1000	4500	4680	2370	2300	4"×2	2	700
88352005	88352010		250	10"	326	40											4680			4"×2	2	
9014437	9014438	H2000-5.0	200	8"	273	30	9.11	13825	2350	1200	710	2000	1720	3880	1000	5000	5270	2370	2800	4"×2	2	700
9014439	9014440		250	10"	364	40											5270			4"×2	2	

Product Focuses:



Sightglass



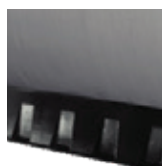
Lateral System



Air Vent Valve



Union Drain



Base



Manometer



Manhole



Flange

H Series

Diameter: 2350mm / Sand bed depth: 1.2m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area (m²)	Sand (kg)		Dimensions (mm)													
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size*pcs	N2	W	
88352103	88352108	H2350-3.0	150	6"	119	20	5.94	9300	2575	1390	710	2350	1950	1270	1180	3000	3160	2730	/	4**1	1	750	
88352104	88352109		200	8"	178	30											3180	2730	/	4**1	1		
88352105	88352110		250	10"	238	40											3180	2730	/	4**1	1		
88352203	88352208	H2350-3.5	150	6"	141	20	7.06	11050	3125	1390	710	2350	1950	1770	1180	3500	3660	2730	/	4**1	1	750	
88352204	88352209		200	8"	212	30											3680	2730	/	4**1	1		
88352205	88352210		250	10"	282	40											3680	2730	/	4**1	1		
88352304	88352309	H2350-4.0	200	8"	163	20	8.17	12800	3650	1390	710	2350	1950	2270	1180	4000	4180	2730	1400	4**2	2	750	
88352305	88352310		250	10"	327	40											4180	2730	1400	4**2	2		
88352404	88352409	H2350-4.5	200	8"	186	20	9.28	14525	4200	1390	710	2350	1950	2770	1180	4500	4680	2730	1900	4**2	2	750	
88352405	88352410		250	10"	371	40											4680	2730	1900	4**2	2		
88352504	88352509	H2350-5.0	200	8"	208	20	10.4	16250	4750	1390	710	2350	1950	3270	1180	5000	5180	2730	2400	4**2	2	750	
88352505	88352510		250	10"	312	30											5180	2730	2400	4**2	2		
88352511	88352512		300	12"	416	40											5180	2730	2400	4**2	2		

Diameter: 2500mm / Sand bed depth: 1.3m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area (m²)	Sand (kg)		Dimensions (mm)													
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size*pcs	N2	W	
88352603	88352608	H2500-3.5	150	6"	149	20	7.34	11675	3175	1480	710	2500	2120	1850	1270	3500	3660	2900	/	4"*1	1	750	
88352604	88352609		200	8"	223	30											3680	2900	/	4"*1	1		
88352605	88352610		250	10"	297	40											3680	2900	/	4"*1	1		
88352704	88352709	H2500-4.0	200	8"	172	20	8.62	13500	3725	1480	710	2500	2120	2350	1270	4000	4180	2900	1200	4"*2	2	750	
88352705	88352710		250	10"	345	40											4180	2900	1200	4"*2	2		
88352804	88352809		200	8"	196	20											4680	2900	1700	4"*2	2		
88352805	88352810	H2500-4.5	250	10"	294	30	9.80	15350	4300	1480	710	2500	2120	2850	1270	4500	4680	2900	1700	4"*2	2	750	
88352811	88352812		300	12"	392	40											4680	2900	1700	4"*2	2		
88352904	88352909		200	8"	220	20											5180	2900	2200	4"*2	2		
88352905	88352910	H2500-5.0	250	10"	329	30	10.98	17200	4850	1480	710	2500	2120	3350	1270	5000	5180	2900	2200	4"*2	2	750	
88352911	88352912		300	12"	439	40											5180	2900	2200	4"*2	2		

Diameter: 3000mm / Sand bed depth: 1.5m

Technical Information and Product Dimensions

Code 2.5bar	Code 4bar	Model	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Filtration Area (m²)	Sand (kg)		Dimensions (mm)													
			GB(mm)	ANSI				0.4-0.8mm	1-2mm	B	C	D	E	F	G	H	I	J	K	N1 size*pcs	N2	W	
88353004	88353009	H3000-3.5	200	8"	180	20	8.98	17850	4525	1730	710	3000	2600	1880	1480	3500	3680	3410	/	4"×1	1	1100	
88353005	88353010		250	10"	270	30											3680	3410	/	4"×1	1		
88353011	88353012		300	12"	360	40											3680	3410	/	4"×1	1		
88353104	88353109	H3000-4.0	200	8"	208	20	10.40	20675	5300	1730	710	3000	2600	2380	1480	4000	4180	3410	/	4"×1	1	1100	
88353105	88353110		250	10"	312	30											4180	3410	/	4"×1	1		
88353111	88353112		300	12"	416	40											4180	3410	/	4"×1	1		
88353204	88353209	H3000-4.5	200	8"	236	20	11.82	23500	6100	1730	710	3000	2600	2880	1480	4500	4680	3410	/	4"×1	1	1100	
88353205	88353210		250	10"	355	30											4680	3410	/	4"×1	1		
88353211	88353212		300	12"	473	40											4680	3410	/	4"×1	1		
88353304	88353309	H3000-5.0	200	8"	265	20	13.24	26300	6875	1730	710	3000	2600	3380	1480	5000	5180	3410	1600	4"×2	2	1100	
88353305	88353310		250	10"	397	30											5180	3410	1600	4"×2	2		
88353311	88353312		300	12"	530	40											5180	3410	1600	4"×2	2		

Dual Stack Sand Filters

For aquarium and large scale pool lagoons

DEMAND MINIMAL FOOTPRINT

The Emaux Dual Stack Sand Filter is engineered to the highest strength and durability. The filter is built to maximize long term performance to resist structural failures caused by corrosion and pressure. It offers a vertically stacked design that doubles the filtration capacity for the same footprint. The Dual Stack Sand Filter is ideal for high-load or high-flow of water facilities such as public pools and water parks.

Filtration System

Laterals

Design Filtration Velocity

$30\text{m}^3/\text{h}/\text{m}^2$

Max Operating Pressure

58psi(4.0bar)

Max Temperature

43°C (109°F)

Suggested Size of Media

0.5-0.8mm

1-2mm



Product Features:

1. Minimizes the floor space for installation
2. Integral base design and self-supporting stackable structure
3. Available in a complete system using Emaux manifold valve systems
4. Optional Vinyl Ester coating maximizes corrosion resistance against saltwater and all kind of pool chemicals including ozone



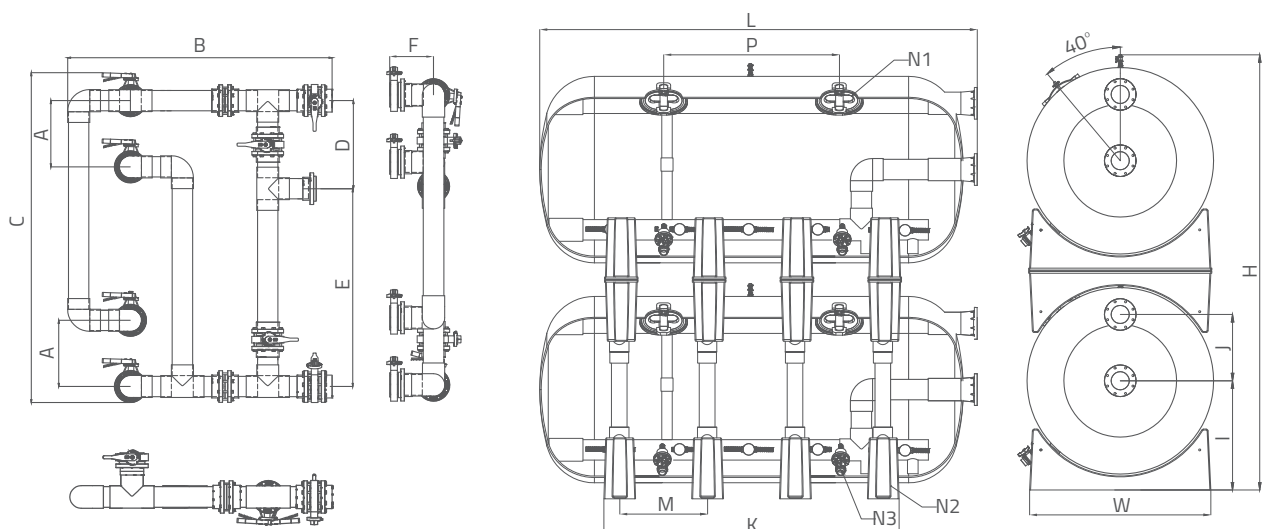
Technical Information and Product Dimensions

Code	Model	Tank Size (mm)	Filter Area (m²)	Flange Connections		Max. Flow Rate m³/h	Velocity m³/h/m²	Dimensions (mm)								N1 pcs	N2 pcs	N3 size*pcs
				GB(mm)	ANSI			I	J	K	M	H	P	L	W			
9015001	TH1400-2.5	1400X2500	3.02X2	160	6"	181	30	859	390	1660	1360	3428	--	2750	1370	2	2	2inch*2
9015002	TH1600-2.5	1600X2500	3.36X2	160	6"	201	30	959	475	1300	1000	3838	--	2750	1570	2	2	4inch*2
9015003	TH2000-4.5	2000X4500	8.16X2	200	8"	489	30	1161	710	3160	940	4634	1880	4770	1920	4	4	4inch*4

Flange connection standard optional: GB(HG20592 PN1.0MPa) or ANSI(ANSI B16.5(1988) Class150)

Butterfly Valve Dimensions

Code	Model	Valve Connection		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
		GB(mm)	ANSI						
9080203	DBV60-TH1400	160	6"	390	1970	2805	386	2023	352
9080202	DBV60-TH1600	160	6"	475	1970	2396	386	1638	352
9080201	DBV80-TH2000	200	8"	710	2836	3538	940	2121	464



Large Size Horizontal Sand Filter

For aquarium and large scale waterland

CUSTOM-BUILT AVAILABLE HORIZONTAL GIANT!

Horizontal sand filter provides a larger filtration area for installation space optimization. Emaux manufactures horizontal sand filter up to 3 meters in diameter and 10 meters in length. Emaux is also able to build to individual project requirements. Dimensions can be modified according to project specifications.

Filtration System
Laterals

Design Filtration Velocity
30m³/h/m²

Max Operating Pressure
58psi(4.0bar)

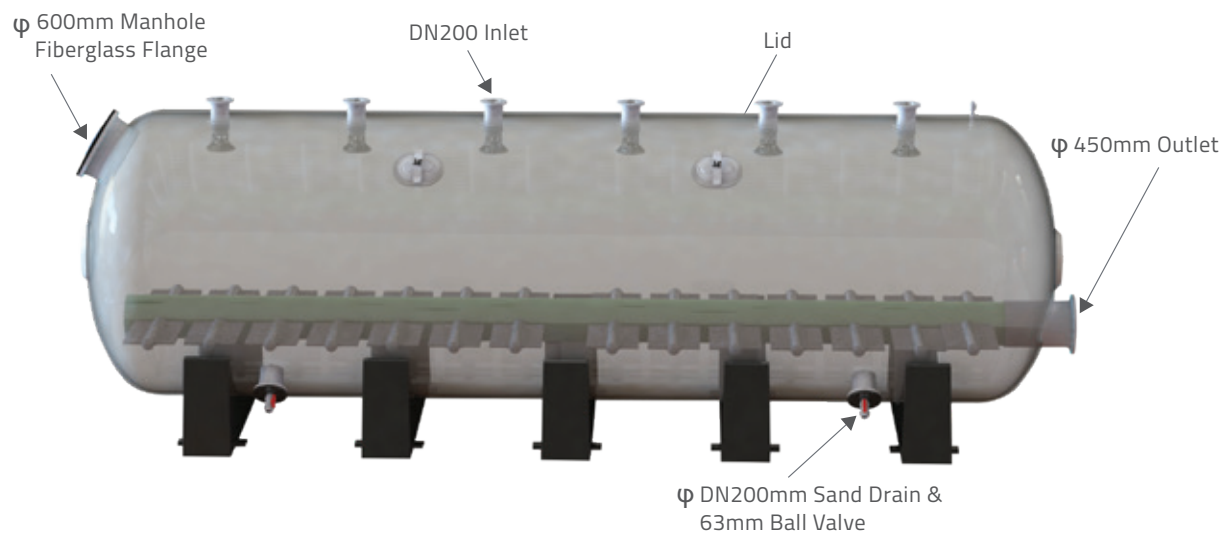
Max Temperature
43 °C (109 °F)

Suggested Size of Media
0.5-0.8mm
1-2mm

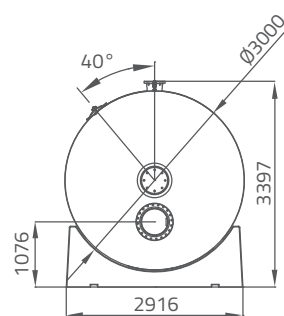
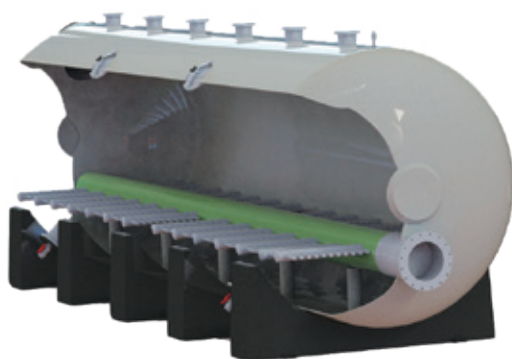
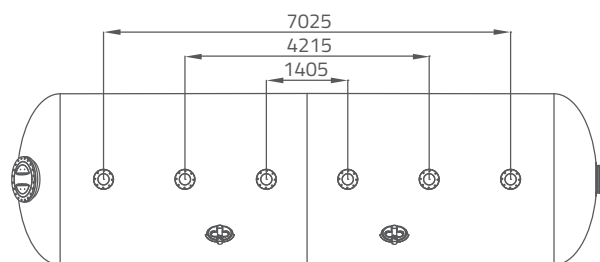
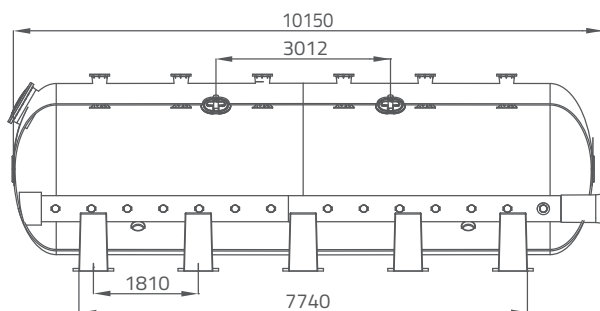


Typical Specification Guideline

Code	Model	Tank Size (mm)	Filter Area (m ²)	Flange Connections		Max Flow Rate m ³ /h	Velocity m ³ /h/m ²	Max Operation Pressure (Bar)
				GB(mm)	ANSI			
9320056	H3000 - 10.0	3000 x 10000	27.44	200/450	8"/18"	650	23.7	4



Product Dimensions



Custom-Built Service

FIT ALL PROJECTS' NEEDS

Emaux offers a fully customized service from system design, dimensions, working pressure, connections, to internal and external finishing to meet your project needs.

The products are designed and manufactured in accordance with the latest international industry standards such as BS EN-13121, European Directive of Pressure Vessels 97/23/EC; and employ a quality assurance program that starts with confirmation and testing of raw materials right through all stages of the manufacture and final testing.

Each sand filter is individually pressure tested and comes with its own factory test certificate, quality assurance record, and serial number.

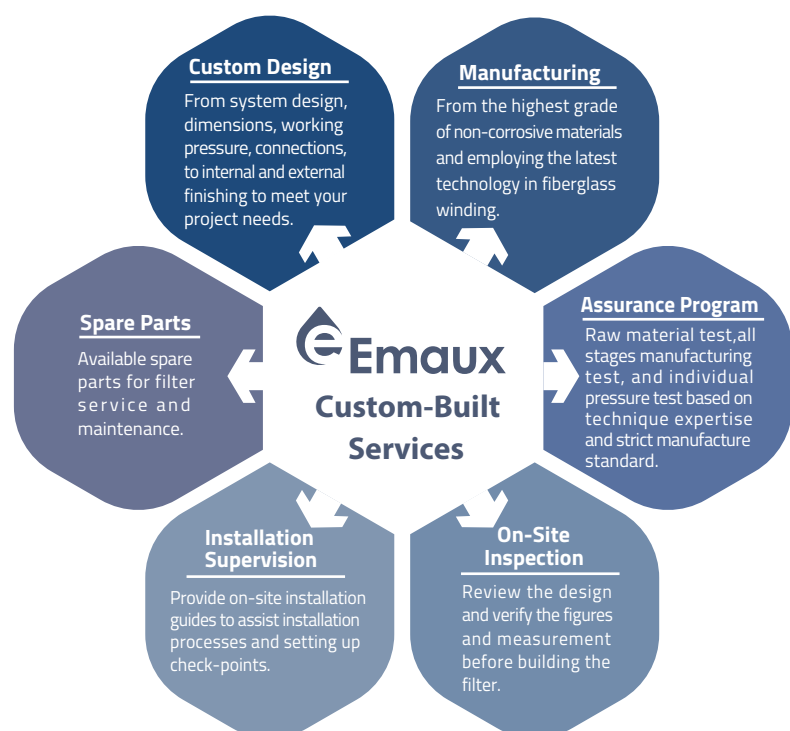


Customized maximum size and performance:



Full customer supports from system design to on-site support

Emaux assists customers to review their design before building the filter, provide on-site inspection before installation, and installation supervision. Also, the availability of spare parts is ensured to extend the life of the product.





FILTER SYSTEM

Ultra Filter System FSU Series

For above-ground pools, with built-in timer option

Valve
4-Way Multiport Valve

Max Working Pressure
29psi/2bar

Max Water Temperature
40°C (104°F)

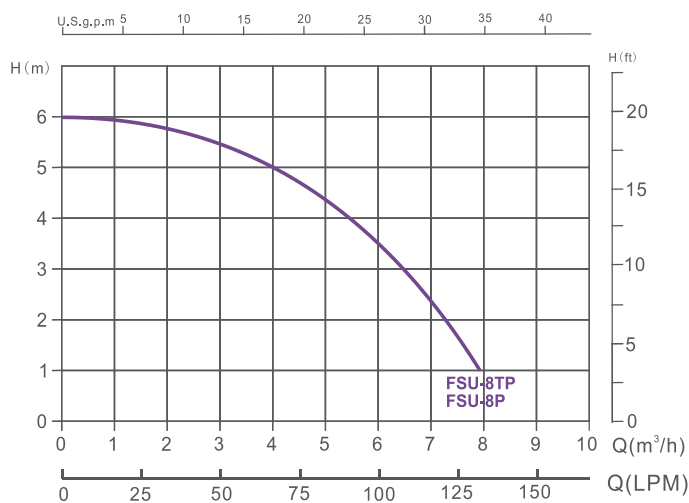
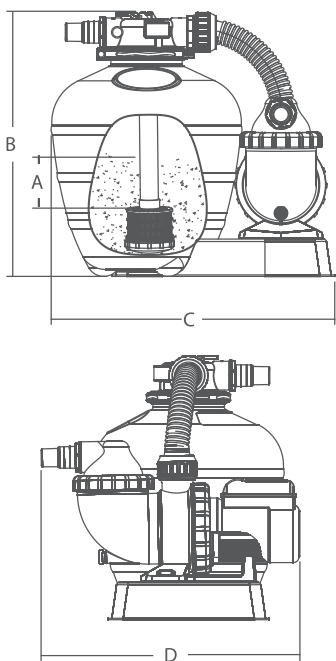
Suggested Size Of Media
0.5-0.8mm



Product Information and Dimensions

Code	Model	Filter	Pump	Max. Flow Rate	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Filter & Pump In/Out Connection	Adaptor
88033669	FSU-8TP	13" Filter	AMU020TP	133.3 lpm 8.0m³/h	17	145	470	494	450	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm
88033671	FSU-8P	13" Filter	AMU020P	133.3 lpm 8.0m³/h	17	145	470	494	450	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm

Note: Suggested sand weight varies with differences in filter media size. For reference only.



Note: Flow curve information based on 220V/50Hz motor.

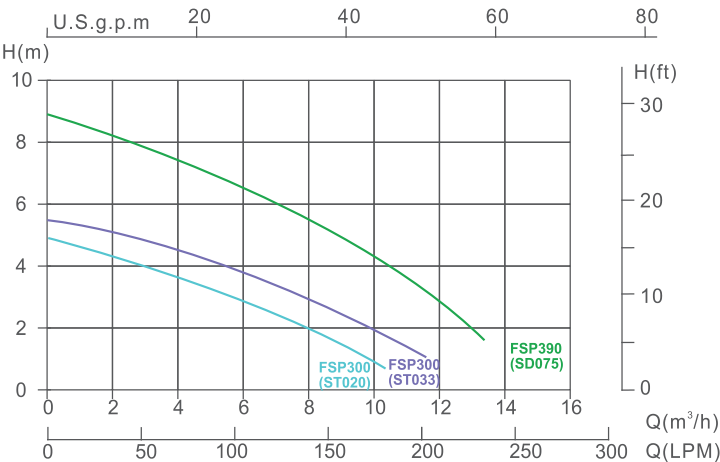
FSU Series Filtration Combo
includes:

1. Durable top mount plastic filter tank
2. 4-Way Multiport Valve
3. Aqua-Mini Pump (AMU020TP or AMU020P)
4. Timer (optional)

Compact Filter System FSP Series

For above-ground pools

- Valve
- 4-Way Multiport Valve
- Max Working Pressure
- 29psi/2bar
- Max Water Temperature
- 40°C (104°F)
- Suggested Size Of Media
- 0.5-0.8mm



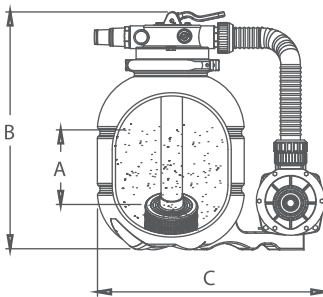
Note: Flow curve information based on 220V/50HZ motor.

Product Information and Dimensions

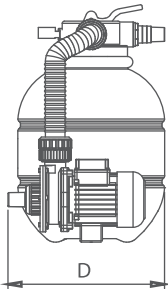
Code	Model	Filter	Pump	Max. Flow Rate	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Filter & Pump In/Out Connection	Adaptor
88030201	FSP300-4W	P300	ST020	58 lpm 3.5m³/h	19	145	540	485	330	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm
88030202	FSP300-4W	P300	ST033	67 lpm 4.02m³/h	19	145	540	485	330	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm
88033718	FSP390-4W	P390	SD075	133 lpm 8.00m³/h	35	235	724	760	527	1.5" / 50 mm	1 1/4" & 1 1/2" 32 & 38mm



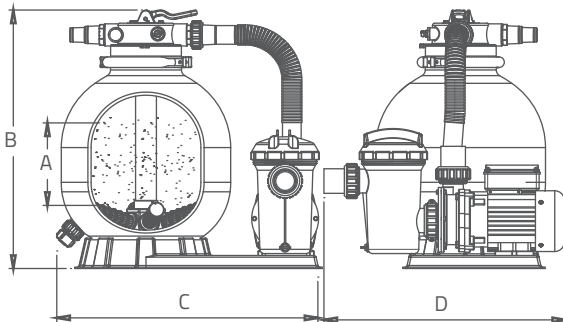
- FSP300 Filtration Combo** includes:
1. Durable top mount plastic filter tank (P300 Filter)
 2. 4-Way Multiport Valve
 3. ST Series Pump (ST020 or ST033)



FSP300-4W



- FSP390 Filtration Combo** includes:
1. Durable top mount plastic filter tank (P390 Filter)
 2. 4-Way Multiport Valve
 3. SD075 Pump



FSP390-4W

FSP Series Filter System

For above-ground pools and residential pools

Valve

4 or 6-Way Multiport Valve

Max Working Pressure

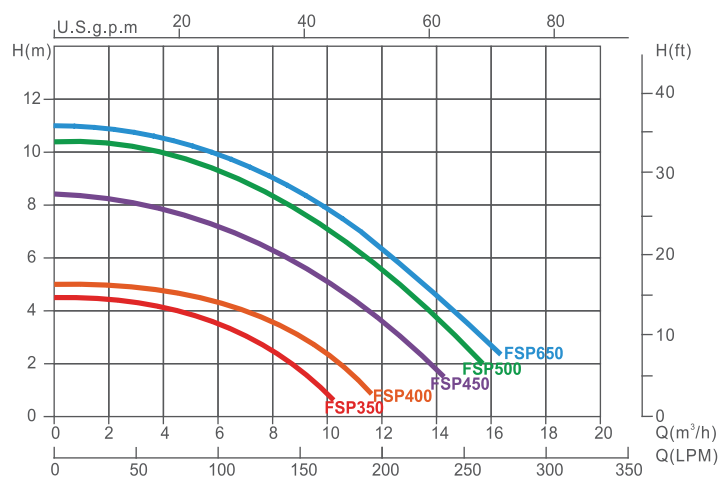
29psi/2bar

Max Water Temperature

40°C (104°F)

Suggested Size Of Media

0.5-0.8mm



Note: Flow curve information based on 220V/50Hz motor.

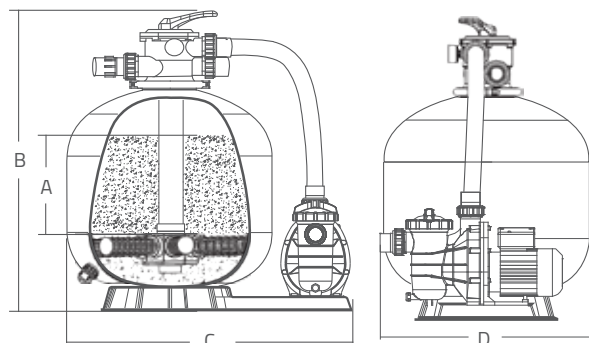
Product Information and Dimensions

Code (4-way Valve)	Code (6-way Valve)	Model	Filter	Pump	Valve Connections	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Max. Flow Rate	
88030308	--	FSP350-4W	P350	SS020	1.5" / 50mm	20	160	580	555	350	72 lpm	4.32m³/h
88030409	--	FSP400-4W	P400	SS033	1.5" / 50mm	35	175	625	760	400	108 lpm	6.48m³/h
88030510	--	FSP450-4W	P450	SS050	1.5" / 50mm	45	210	680	760	449	135 lpm	8.10m³/h
88030611	--	FSP500-4W	P500	SS075	1.5" / 50mm	85	235	724	760	527	185 lpm	11.10m³/h
88030712	--	FSP650-4W	P650	SS100	1.5" / 50mm	145	300	832	760	627	260 lpm	15.60m³/h
--	88031508	FSP350-6W	P350	SS020	1.5" / 50mm	20	160	680	555	350	72 lpm	4.32m³/h
--	88031609	FSP400-6W	P400	SS033	1.5" / 50mm	35	175	759	760	400	108 lpm	6.48m³/h
--	88031710	FSP450-6W	P450	SS050	1.5" / 50mm	45	210	813	760	449	135 lpm	8.10m³/h
--	88031811	FSP500-6W	P500	SS075	1.5" / 50mm	85	235	856	760	527	185 lpm	11.10m³/h
--	88031912	FSP650-6W	P650	SS100	1.5" / 50mm	145	300	961	760	627	260 lpm	15.60m³/h

FSP Series Filtration Combo

includes:

1. Durable top mount plastic filter tank
2. 4 or 6-Way Multiport Valve
3. SS Series Pump



FSF Series Filter System

For residential pools

Valve

6-Way Multiport Valve

Max Working Pressure

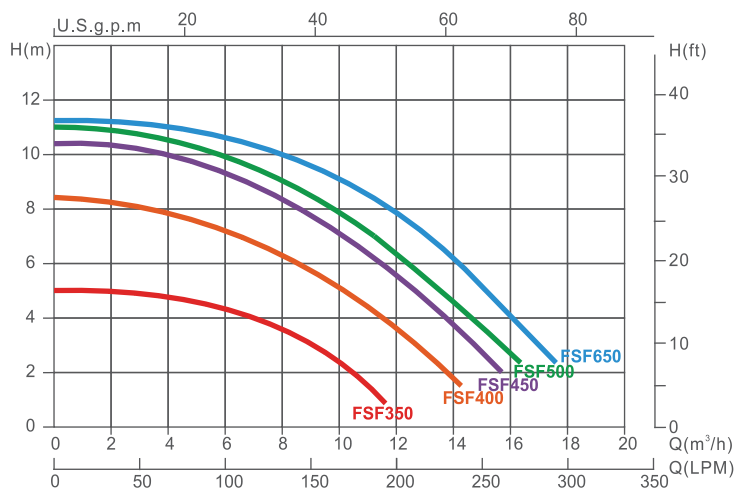
36psi/2.5bar

Max Water Temperature

43°C (109°F)

Suggested Size Of Media

0.5-0.8mm



Note: Flow curve information based on 220V/50HZ motor.

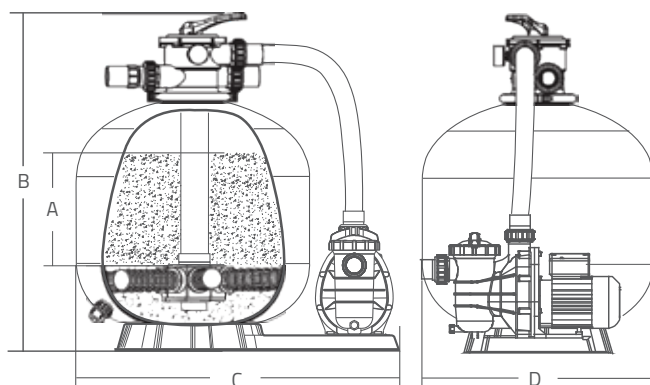
Product Information and Dimensions

Code	Model	Filter	Pump	Valve Connections	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Max. Flow Rate
88032009	FSF350-6W	V350	SS033	1.5" / 50mm	20	160	680	555	355	72lpm 4.32m³/h
88032110	FSF400-6W	V400	SS050	1.5" / 50mm	35	175	759	760	410	108lpm 6.48m³/h
88032211	FSF450-6W	V450	SS075	1.5" / 50mm	45	210	813	760	455	135lpm 8.10m³/h
88032324	FSF500-6W	V500	SC100	1.5" / 50mm	85	235	856	760	535	185lpm 11.10m³/h
88032425	FSF650-6W	V650	SC150	1.5" / 50mm	145	300	961	760	635	260lpm 15.60m³/h

FSF Series Filtration Combo

includes:

1. Top mount fiberglass filter tank
2. 6-Way Multiport Valve
3. SS or SC Series Pump



Note: Suggested sand weight varies with the differences in filter media size. For reference only.

FSM Series Filter System

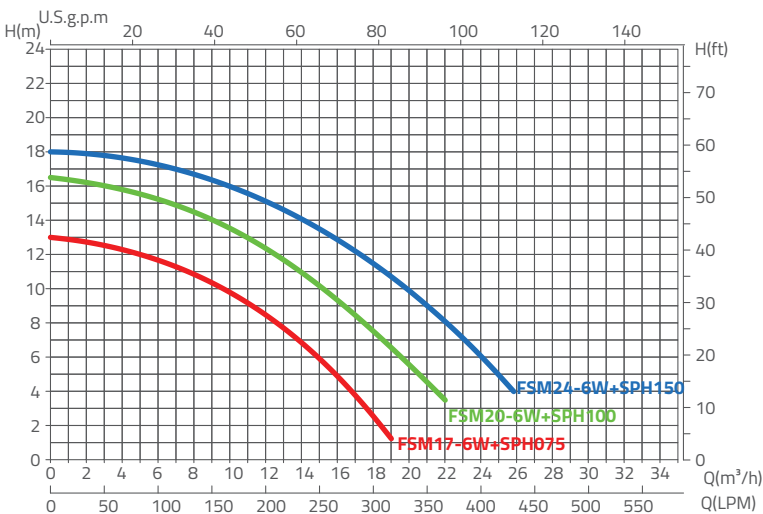
For residential pools and semi-commercial pools

Valve
6-Way Multiport Valve

Max Working Pressure
40psi/2.8bar

Max Water Temperature
50°C (122°F)

Suggested Size Of Media
0.5-0.8mm



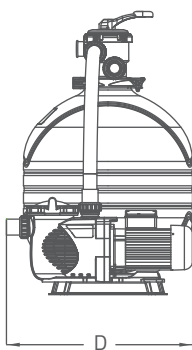
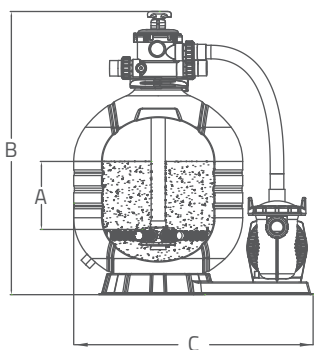
Product Information and Dimensions

Code	Model	Filter	Pump	Sand (kg)	A (mm)	B (mm)	C (mm)	D (mm)	Filter & Pump In/Out Connection
9070602	FSM17-6W+SPH075	MFV17	SPH075	40	195	816	762.5	652	1.5" / 50 mm
9070603	FSM20-6W+SPH100	MFV20	SPH100	70	225	889	800	652	1.5" / 50 mm
9070604	FSM24-6W+SPH150	MFV24	SPH150	125	280	980	850	652	1.5" / 50 mm

FSM Filtration Combo

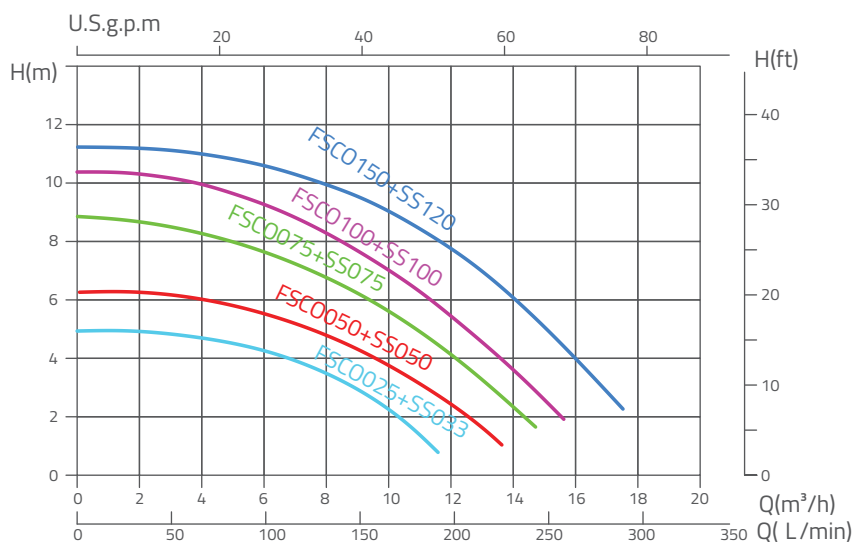
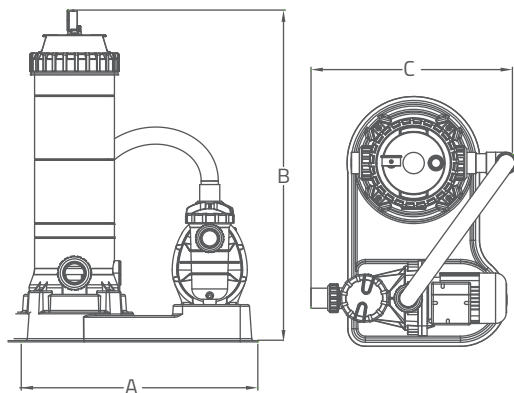
includes:

1. Durable top mount plastic filter tank (Max Series Filter)
2. 6-Way Multiport Valve
3. SPH Series Pump (SPH075, SPH100 or SPH150)



FSCO Series Filter System

Include UV resistant cartridge filter tank



FSCO Series Filtration Combo

includes:

1. Cartridge filter
2. Cartridge filter element
3. SS Series Pump

Product Information and Dimensions

Code	Model	Cartridge Filter	Pump	Valve Connections	A (mm)	B (mm)	C (mm)
9071214	FSCO025+SS033	CF25	SS033	1.5" / 50mm	705	580	507
9071215	FSCO050+SS050	CF50	SS050	1.5" / 50mm	705	760	552
9071216	FSCO075+SS075	CF75	SS075	1.5" / 50mm	705	940	552
9071217	FSCO100+SS100	CF100	SS100	1.5" / 50mm	705	1120	552
9071218	FSCO150+SS120	CF150	SS120	1.5" / 50mm	705	1300	552

EMD Series In-Ground Filter System

Easy installation with pre-installed plumbing and durable, weatherproof enclosure

SIMPLIFY THE INSTALLATION AND OPERATION

Emaux EMD Series In-Ground Filter System is made from fiberglass-reinforced plastic, water-tight, and equipped with a submersible pump to drain water automatically. The filter systems are suitable for all kinds of pool shapes and sizes and can be customized to your specific requirements.

Max Working Pressure

36psi/2.5bar

Max Water Temperature

43°C (109°F)

Suggested Size Of Media

0.5-0.8mm



The Content

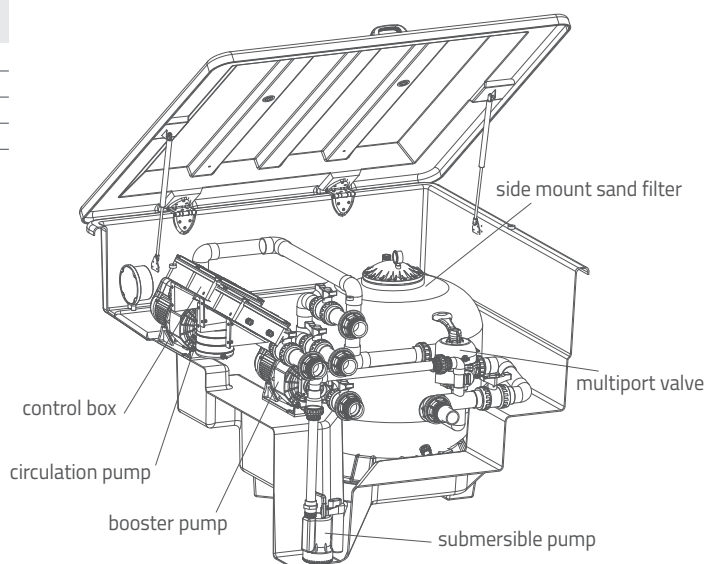
1. The system consists of a subsystem for filtration, hydraulic massage, sanitizing and lighting
2. Service Lights installed on the corner will turn on automatically when the cover is open
3. It can be equipped with salt water chlorinator which is the most effective and widely used means for sanitization

Timer-controlled Automation

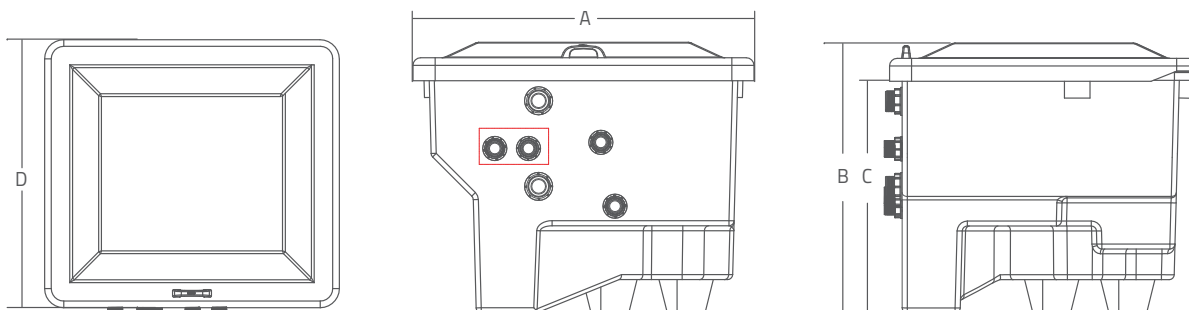
1. Eliminates the needs for manual power on/off and professional staff for maintenance
2. Convenient and user-friendly



Model	A mm	B mm	C mm	D mm
EMD-11	1330	1055	905	1210
EMD-14	1330	1055	905	1210
EMD-18	1400	1220	1080	1340
EMD-25	1730	1315	1170	1630
EMD-32	1730	1315	1170	1630



Product Dimensions



EMD Series Filter System Product Information

Code	Model	Description	Pool Volume	Flowrate
88390201	EMD-11C	S500 Sand Filter, SS050 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	66m ³	11m ³ /h
88390202	EMD-11CP	S500 Sand Filter, SS050 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	66m ³	11m ³ /h
88390301	EMD-14C	S650 Sand Filter, SS100 Pump, CL-01A Chlorine Feeder and PSB016 Submersible Pump	84m ³	14m ³ /h
88390302	EMD-14CP	S650 Sand Filter, SS100 Pump, CL-01A Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	84m ³	14m ³ /h
88390401	EMD-18C	S700 Sand Filter, SC150 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	108m ³	18m ³ /h
88390402	EMD-18CP	S700 Sand Filter, SC150 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	108m ³	18m ³ /h
88390601	EMD-25C	S800 Sand Filter, SB20 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	150m ³	25m ³ /h
88390602	EMD-25CP	S800 Sand Filter, SB20 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	150m ³	25m ³ /h
88390701	EMD-32C	S900 Sand Filter, SB30 Pump, CL-01A, Chlorine Feeder and PSB016 Submersible Pump	192m ³	32m ³ /h
88390702	EMD-32CP	S900 Sand Filter, SB30 Pump, CL-01A, Chlorine Feeder, SR30 Booster Pump and PSB016 Submersible Pump	192m ³	32m ³ /h





FILTRATION MEDIA

Glass Filtration Media

For all types of swimming pool, water park and water features

CREATE CRYSTAL CLEAR WATER

Advantages

1. Lighter than silica sand
2. Save water and power from backwashing
3. Longer operation life than silica sand due to higher attrition strength
4. Significantly improves water clarity compared to the performance of silica sand
5. Removes finer impurities than equivalent grade of silica sand
6. Cost-effective, a direct replacement for silica sand
7. Suitable for commercial potable water treatment, commercial rapid-rate re-use water filters, waste water treatment and sewage treatment (lattice structure ideal for biological control).



Ordering Details

Code	Model	Size and Weight
87013029	FMG15A	0.5-0.8mm, 15kg/bag
87013030	FMG15B	1.0-2.0mm, 15kg/bag
87013032	FMG25A	0.5-0.8mm, 25kg/bag
87013033	FMG25B	1.0-2.0mm, 25kg/bag
87013034	FMG25C	3.0-5.0mm, 25kg/bag

Available Sizes



0.5-0.8mm



1-2mm



3-5mm



Perlite Filter Media NEW

For all types of swimming pool, water park and water features

EXPERIENCE ULTIMATE POOL FILTRATION

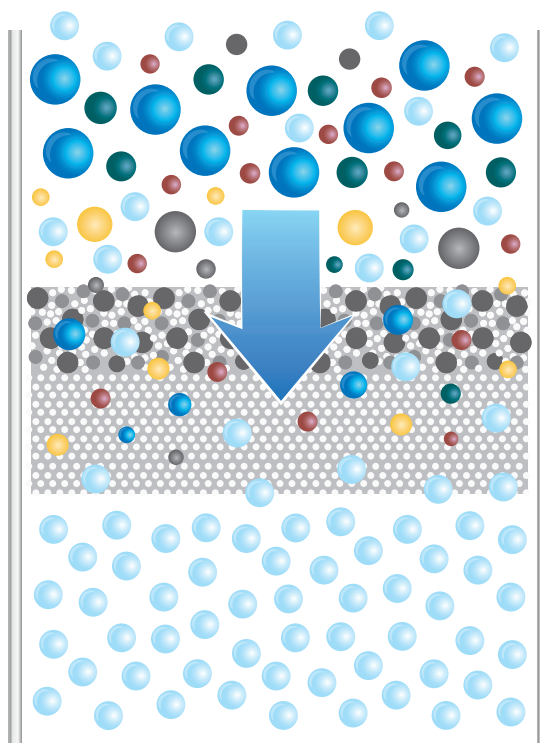


Benefits of Perlite Filter Media

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

Ordering Details

Code	Model	Description	Weight
2000810499	GK-110	Filtration media Perlite 12kg bag	12kg/bag







SELECTOR VALVE AND ACCESSORIES

Multiport Valve

EASY-TO-OPERATE LEVER HANDLE

Emaux Valves are produced in versions for Top Mount and Side Mount filter designs, and are made of ABS material with heavy duty plastic handle. Depending on filter type, 4-way and 6-way models are available for operating functions to cover all the necessary operations needed in any swimming pools filtration.

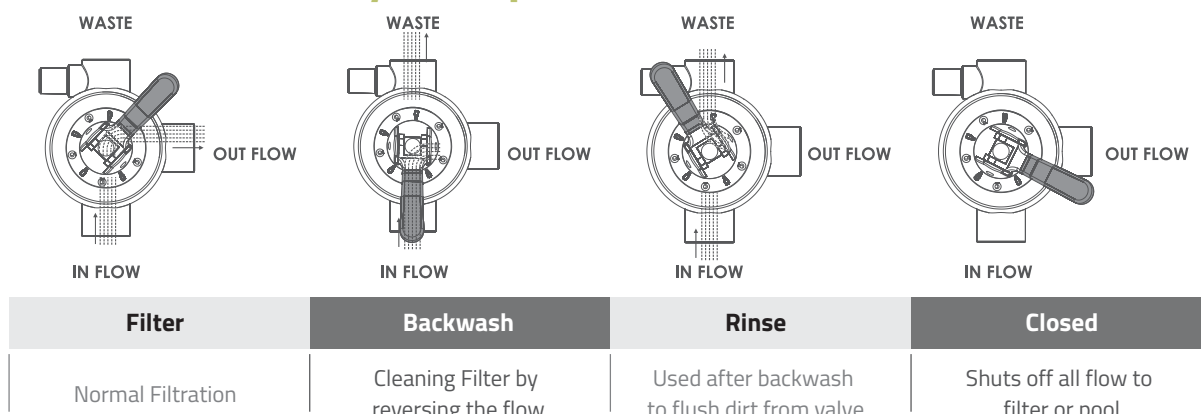


6-Way Multiport Valve

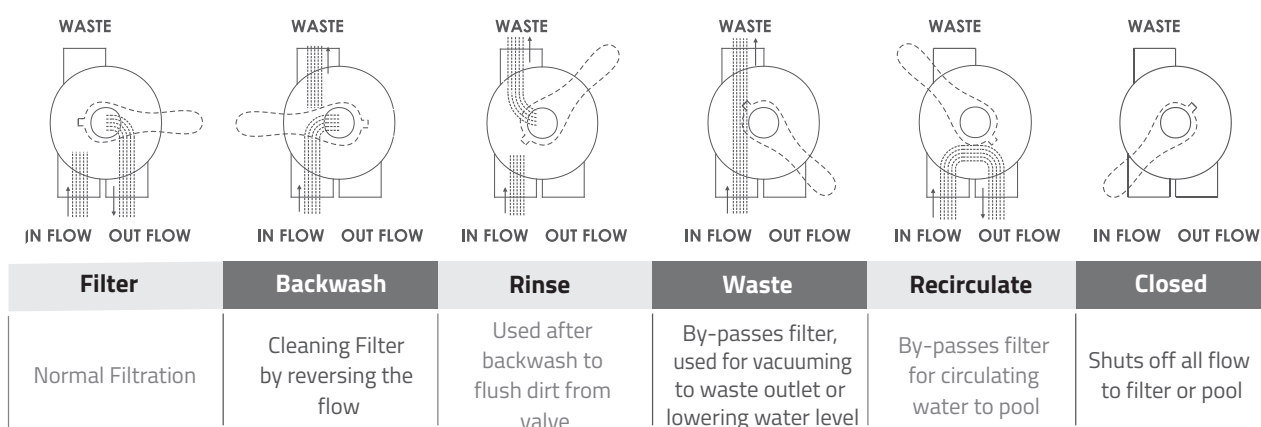
Product Features:

1. 100% tested for pressure and watertightness
2. Easy installation, maintenance, and servicing
3. Made of sturdy ABS and marine-grade stainless steel
4. Designed for superior durability
5. Commercial multiport valves are cost efficient and space-saving compared to the butterfly valve manifolds

Functions : 4-Way Multiport Valve



Functions : 6-Way Multiport Valve



Top Mount Multiport Valve

1 inch 6-Way Top Mount Valve (MPV06)

For Top Mount Deep Bed Filters / Emaux HD Series Deep Bed Filters

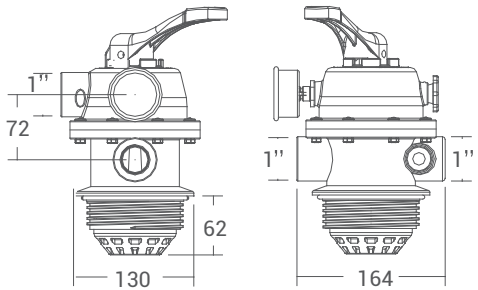
Connection
Thread Type

Max Working Pressure
700kPa/101psi/7bar

Factory Testing Pressure
1500kPa/217psi/15bar

Max Water Temperature
50°C (122°F)

Flow Rate
5m³/h at 400kPa/58psi/4bar



Code	Model	Description
88281403	MPV06	Valve only

1.5 inch 4-Way Top Mount Valve (MPV05)

For Top Mount Fiberglass and Plastic Filters / Emaux FSP Series Filter Systems

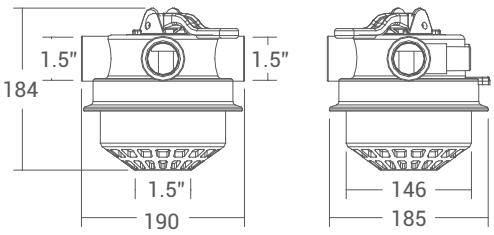
Connection
Clamp Type

Max Working Pressure
400kPa/58psi/4bar

Factory Testing Pressure
700kPa/101psi/7bar

Max Water Temperature
50°C (122°F)

Flow Rate
17m³/h at 400kPa/58psi/4bar



Code	Model	Description
88281205	MPV05	Valve only

1.5 inch 4-Way Top Mount Valve (MPV16)

For Top Mount Plastic Filters / Emaux Ultra (FSU Series) Filter Systems

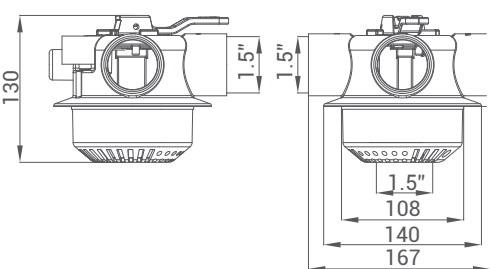
Connection
Clamp Type

Max Working Pressure
200kPa/28psi/2bar

Factory Testing Pressure
350kPa/50psi/3.5bar

Max Water Temperature
50°C (122°F)

Flow Rate
17m³/h at 200kPa/28psi/2bar



Code	Model	Description
88281105	MPV16	Valve only

1.5 inch 6-Way Top Mount Valve (MPV01)

For Top Mount Fiberglass and Plastic Filters / Emaux V, P Series Filters

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

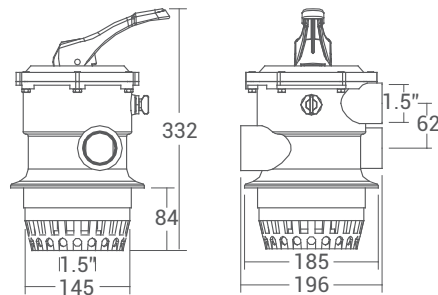
700kPa/101psi/7bar

Max Water Temperature

50°C (122°F)

Flow Rate

17m³/h at 400kPa/58psi/4bar



Code	Model	Description
88280105	MPV01	Valve only
88280150	MPV01	Valve with 1.5" union set x 3 and pressure gauge

1.5 inch 6-Way Top Mount Valve (with Turn-Lock Lid) (MPV07)

For Top Mount Fiberglass and Plastic Filters / Emaux MFV Series, T series, TMG series 500/650 Filters. Turn-Lock Lid allow Tool-Free Servicing

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

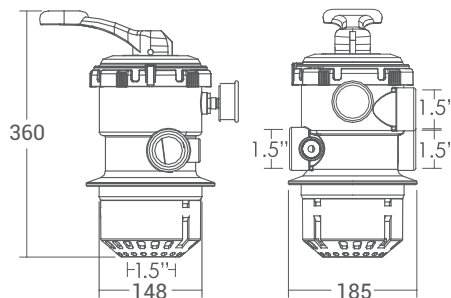
700kPa/101psi/7bar

Max Water Temperature

50°C (122°F)

Flow Rate

17m³/h at 400kPa/58psi/4bar



Code	Model	Description
88281505	MPV07	Valve only
88281550	MPV07	Valve with 1.5" union set x 3 and pressure gauge

2 inch 6-Way Top Mount Valve (MPV02)

For Top Mount Fiberglass Filters / Emaux V, TMG Series Filters

Connection

Bolt Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

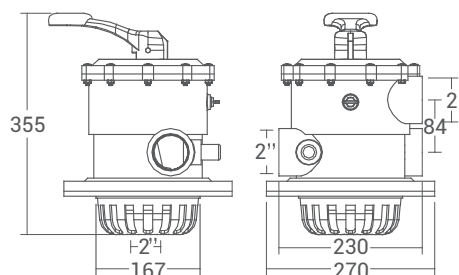
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

27m³/h at 400kPa/58psi/4bar



Code	Model	Description
88280306	MPV02	Valve only
88280351	MPV02	Valve with 2" union set x 3 and pressure gauge
91902322	MPV02	Valve for TMG750/TMG900 (Valve only)
91902522	MPV02	Valve for TMG750/TMG900 (with 3 sets union and pressure gauge)

2 inch 6-Way Top Mount Valve (with Turn-Lock Lid) (MPV08)

For Top Mount Fiberglass and Plastic Filters / Emaux V650(PB), MFV Series Filters
Turn-Lock Lid allow Tool-Free Servicing

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

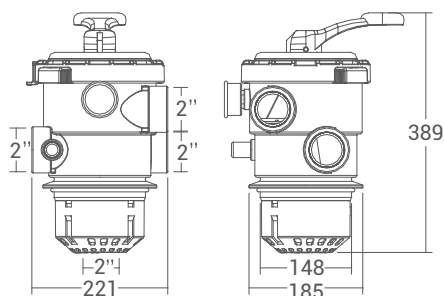
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

27m³/h at 400kPa/58psi/4bar



Code	Model	Description
88281506	MPV08	Valve only
88281551	MPV08	Valve with 2" union set x 3 and pressure gauge

2 inch 6-Way Top Mount Valve (MPV11)

For Top Mount Fiberglass Filters / Emaux V Series Filters

Connection

Clamp Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

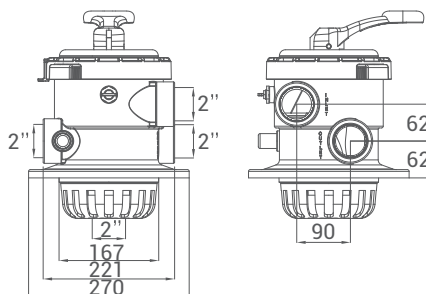
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

27m³/h at 400kPa/58psi/4bar



Code	Model	Description
88281606	MPV11	Valve only
88281651	MPV11	Valve with 2" union set x 3 and pressure gauge

2.5 inch 6-Way Top Mount Valve (MPV12)

For Top Mount Fiberglass and Plastic Filters / Emaux V Series Filters

Connection

Bolt Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

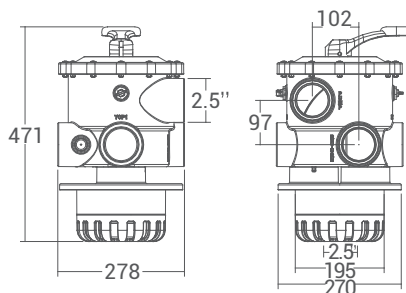
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

36m³/h at 400kPa/58psi/4bar



Code	Model	Description
88280307	MPV12	Valve only
88280352	MPV12	Valve with 2.5" union set x 3 and pressure gauge

Side Mount Multiport Valve

1.5 inch 6-Way Side Mount Valve (MPV03)

For Side Mount Filters / Emaux MAX, SP, S, SMG, SR Series Filters

Connection

Union Connection

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

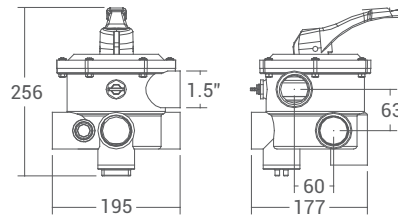
700kPa/101psi/7bar

Max Water Temperature

50°C (122°F)

Flow Rate

17m³/h at 400kPa/58psi/4bar



Code	Model	Description
88280805	MPV03	Valve only
88280830	MPV03	Valve with Piping Kit for SP, S & MFS series (without union set)
88280831	MPV03	Valve with Piping Kit for SR & SMG series (without union set)
88280811	MPV03	Valve with Piping Kit (short 90° elbow), 1.5" union set x 3 and pressure gauge for SP, S & MFS series
88280810	MPV03	Valve with Piping Kit (long 90° elbow), 1.5" union set x 3 and pressure gauge for SR & SMG series

2 inch 6-Way Side Mount Valve (MPV04)

For Side Mount Fiberglass and Plastic Filters / Emaux MAX, S, SMG Series Filters

Connection

Union Connection

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

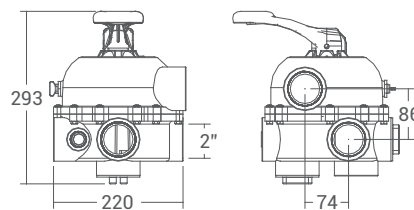
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

27m³/h at 400kPa/58psi/4bar

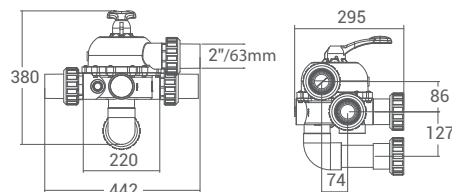


Code	Model	Description
88280806	MPV04	Valve only
88280833	MPV04	Valve with Piping Kit for S, SR, SMG, SDB series filter (without union set)
88280832	MPV04	Valve with Piping Kit for MFS series filter (without union set)
88280813	MPV04	Valve with Piping Kit (long 90° elbow), 2" union set x 3 and pressure gauge for S, SR, SMG, SDB series filter
88280812	MPV04	Valve with Piping Kit (short 90° elbow), 2" union set x 3 and pressure gauge for MFS series filter

2 inch 6-Way Side Mount Valve (MPV04) for Galaxy IDE Series Filter Only

For Side Mount Fiberglass and Plastic Filters / Galaxy IDE Series Filter

Code	Model	Description
91902540	MPV04	Valve with Piping kit and 2" union set x 3 for Galaxy IDE series filter



2.5 inch 6-Way Side Mount Valve (MPV13)

For Side Mount Fiberglass & Deep Bed Filters / Emaux S & SDB Series Filters

Connection

Union Connection

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

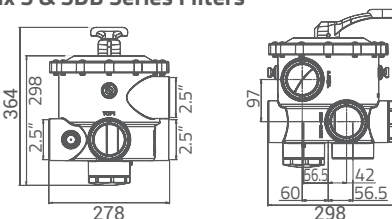
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

36m³/h at 400kPa/58psi/4bar



Code	Model	Description
88280807	MPV13	Valve only
88280815	MPV13	Valve with Piping Kit, 2.5" union set x 3 and pressure gauge for S, SDB series filter
88280834	MPV13	Valve with Piping Kit for S & SDB series filter
91903529	MPV13	Valve with Piping Kit, 74 2.5" union set x 3 and pressure gauge for SMG1050C series filter

Commercial Multiport Valve

Commercial 3 inch 6-Way Side Mount Valve (MPV14)

For Side Mount Commercial Filters / Emaux S, NL, K Series Filters

Connection

Flange Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

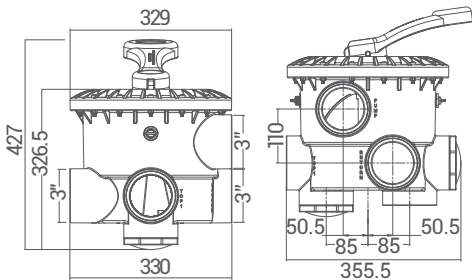
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

52m³/h at 400kPa/58psi/4bar



Code	Model	Description
88280808	MPV14	Valve only
88280816	MPV14	Valve with Piping Kit Male Adaptor for S1000(D) series filter
88280817	MPV14	Valve with Piping Kit Male Adaptor for S1200(D), NL, K series filter (Piping kit flange: DIN standard)
91907529	MPV14	Valve for SMG1050, SMG1200 (with 3 sets union and pressure gauge)

Commercial 4 inch 6-Way Side Mount Valve (MPV15)

For Side Mount Commercial Filters / Emaux NL, K Series Filters

Connection

Flange Type

Max Working Pressure

400kPa/58psi/4bar

Factory Testing Pressure

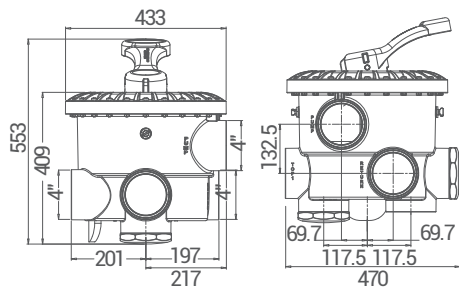
500kPa/72psi/5bar

Max Water Temperature

50°C (122°F)

Flow Rate

108m³/h at 400kPa/58psi/4bar



Code	Model	Description
88280809	MPV15	Valve only
88280818	MPV15	Valve with Piping Kit Male Adaptor for NL, K series filter (Piping kit flange: DIN standard)
91905501	MPV15	Valve with Piping Kit Male Adaptor for E1400 filter (Piping kit flange: DIN standard)

Valve Manifold

For commercial heavy-duty usage

Material

Anti-Corrosive

Max Working Pressure

250kPa/36psi/2.5bar

Factory Testing Pressure

400kPa/58psi/4.0bar

Max Water Temperature

43°C (109°F)



Butterfly Valve

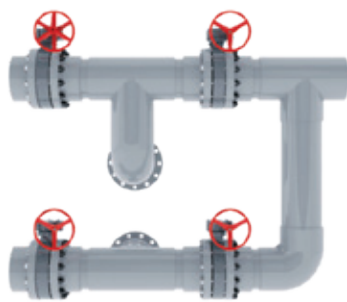
Easy installation and disassembly

Code	Model	Size
01151021	BV30	3" (90mm)
01151022	BV40	4" (110mm)
01151023	BV60	6" (160mm)
01151359	BV80	8" (200mm)
108091852	BV100	10" (250mm)
108091889	BV120	12" (315mm)

4-Way Butterfly Valve

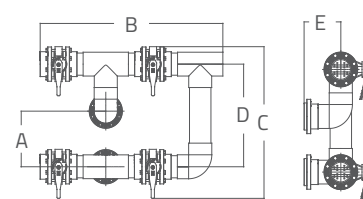


4 Way Butterfly Valve NBV30-NBV80

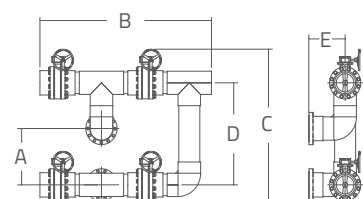


4 Way Butterfly Valve BVGT100- BVGT120

Code	Model	Valve Connection		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
		GB(mm)	ANSI					
88290401	NBV30-4	80	3"	350	884	889	552	172
88290402	NBV40-4	100	4"	350	1101	963	614	210
88290403	NBV60-4	150	6"	415	1351	1228	775	287
88290404	NBV80-4	200	8"	550	1867	1500	1015	376
88290605	BVGT100-4	250	10"	710	2231	1913	1286	472
88290606	BVGT120-4	300	12"	710	2437	2106	1423	552



4 Way Butterfly Valve NBV30-NBV80

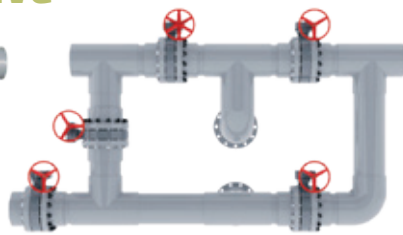


4 Way Butterfly Valve BVGT100- BVGT120

5-Way Butterfly Valve

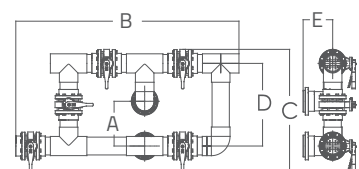


5 Way Butterfly Valve NBV30-NBV80

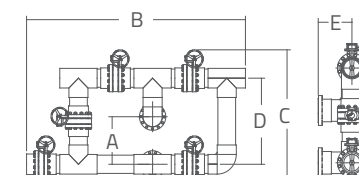


5 Way Butterfly Valve BVGT100- BVGT120

Code	Model	Valve Connection		A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
		GB(mm)	ANSI					
88290301	NBV30-5	80	3"	350	1395	889	552	172
88290302	NBV40-5	100	4"	350	1521	963	614	210
88290303	NBV60-5	150	6"	415	2039	1228	775	287
88290304	NBV80-5	200	8"	550	2832	1500	1015	376
88290505	BVGT100-5	250	10"	710	3374	1913	1286	472
88290506	BVGT120-5	300	12"	710	3692	2106	1423	552



5 Way Butterfly Valve NBV30-NBV80



5 Way Butterfly Valve BVGT100- BVGT120

Flange Connection

BOTH FLANGE SET AND ACCESSORIES ARE AVAILABLE

The flange set consists of a flange plate, gasket, and connector only. It does not include any bolts, nuts, or washers. Since installations always vary, it is more applicable to use different bolts depending on the actual applications.



Flange Connection Set

Code	Model	Size	HG20592	ANSI
E012066	FS-3	3"	PN10	B16.5 1988 Class 150
E012093				
E012065	FS-4	4"	PN10	B16.5 1988 Class 150
E012094				
E012067	FS-6	6"	PN10	B16.5 1988 Class 150
E012095				
E012068	FS-8	8"	PN10	B16.5 1988 Class 150
E012096				

Accessories for Flange

Flange Plate



Code	Size
01271039	3"
01271037	4"
01271035	6"
01271033	8"

Flange Gasket



Code	Size
02041005	3"
02041006	4"
02041007	6"
02041008	8"

Connector



Code	Size
01170025	3"
01170027	4"
01170029	6"
01170031	8"

Common for both:
HG20592 PN10 & ANSI B16.5 1988 Class 150

FLEX Valve Actuator

AUTOMATION WITH HIGH FLEXIBILITY

Emaux FLEX Valve Actuator is a universal 24-Volt actuator that can work with other manufacturers' automatic controls on 2-way and 3-way valves. Adjustable cam gives high flexibility for accurate positioning. Slim design with corrosion-proof casing. When paired with Emaux FLEX 2-way and 3-way valves, it provides the user with reliable automation over valve control.



FLEX Valve Actuator

- Valve Actuator Material
PC
- Voltage
24V AC
- Cable Length
6m (18ft)



Product Features:

- 1. Design for reliable control of 2-way and 3-way diverter valves for pool, spa, and water features.
- 2. Automatic adjustment of water flow.
- 3. Compatible with most of the pool automatic control systems.

Advantages:



Compatibility

Universal design is compatible with other manufacturers' automatic controls and valves.

Friendly & Modern design

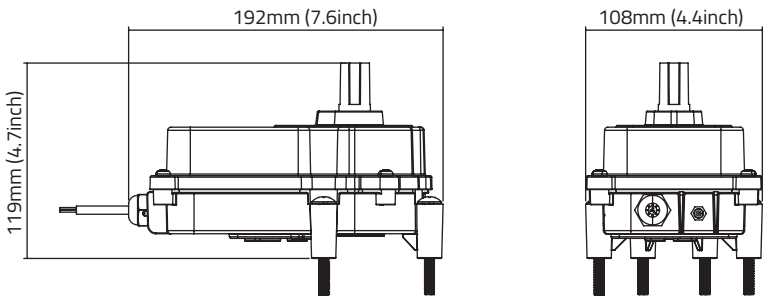
- 1. Easy to assemble and set up.
- 2. IPX4 corrosion-proof casing

Flexibility

- 1. The cam is adjustable at every 12.8 degrees.
- 2. Customized water flow control.



Product Dimensions:



Product Information:

Code	Model	Voltage	Cycles	Wire	Cable Length
91609013	FLEX -ACT	24V AC	50/60Hz	3-conductor Black (Common) Red (Switch Leg) White (Switch Leg)	6m (18ft)

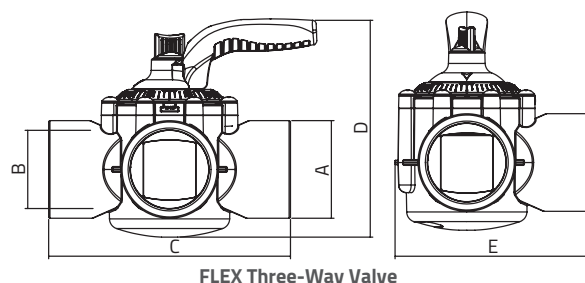
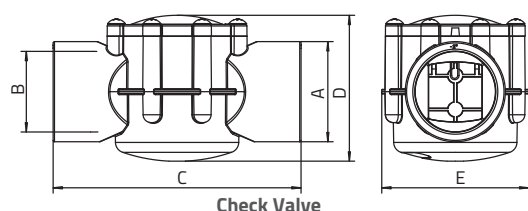
FLEX Diverter Valve NEW

REVOLUTIONARY DESIGN FOR PROFESSIONAL USE

Emaux FLEX diverter valve is a maintenance-free valve with an ergonomic design handle. The PTFE coating gasket gives high reliability and smoothes the turning torque for the valve. A new adjustable dial design offers a simple and flexible inlet selection. The shaft is compatible with actuators made by other manufacturers. When paired with the Emaux FLEX Actuator, it gives the user a reliable automated experience with the valve control.



Product Dimensions:



Advantages:

Flexibility and user-friendly

Adjustable dial for instant inlet switching.

Compatibility

Shaft is compatible with other manufacturers' actuators.

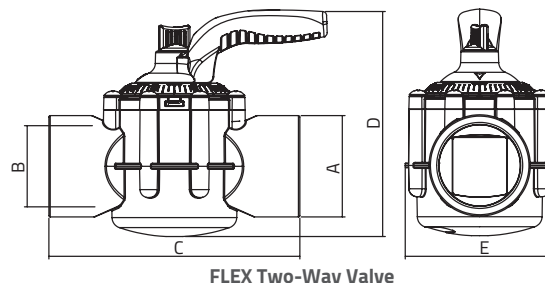
Maintenance-free

PTFE coating gasket:

- Lubricant-free
- Maintenance-free
- Jam-free

User experience

Ergonomic design handle promotes comfortable control.



Three-Way Valve

Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Description
91600106	FLEX40-3(A)	PVC/CPVC	1½" / 2"	Ø60	Ø48	186	168	149	ID 1½" pipe slip in OD 2" coupler
91600108	FLEX50-3(A)	PVC/CPVC	2" / 2½"	Ø75	Ø60	186	168	149	ID 2" pipe slip in OD 2½" coupler
91600105	FLEX40-3(E)	PVC/CPVC	GB50 / GB63	Ø63	Ø50	186	168	149	ID GB50 pipe slip in OD GB63 coupler
91600107	FLEX50-3(E)	PVC/CPVC	GB63 / GB75	Ø75	Ø63	186	168	149	ID GB63 pipe slip in OD GB75 coupler

Two-Way Valve

Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Description
91600006	FLEX40-2(A)	PVC/CPVC	1½" / 2"	Ø60	Ø48	186	168	110	ID 1½" pipe slip in OD 2" coupler
91600008	FLEX50-2(A)	PVC/CPVC	2" / 2½"	Ø75	Ø60	186	168	110	ID 2" pipe slip in OD 2½" coupler
91600005	FLEX40-2(E)	PVC/CPVC	GB50 / GB63	Ø63	Ø50	186	168	110	ID GB50 pipe slip in OD GB63 coupler
91600007	FLEX50-2(E)	PVC/CPVC	GB63 / GB75	Ø75	Ø63	186	168	110	ID GB63 pipe slip in OD GB75 coupler

Check Valve

Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Description
91600207	FLEX40-1(A)	PVC/CPVC/PMMA	1½" / 2"	Ø60	Ø48	186	110	110	ID 1½" pipe slip in OD 2" coupler
91600208	FLEX50-1(A)	PVC/CPVC/PMMA	2" / 2½"	Ø75	Ø60	186	110	110	ID 2" pipe slip in OD 2½" coupler
91600205	FLEX40-1(E)	PVC/CPVC/PMMA	GB50 / GB63	Ø63	Ø50	186	110	110	ID GB50 pipe slip in OD GB63 coupler
91600206	FLEX50-1(E)	PVC/CPVC/PMMA	GB63 / GB75	Ø75	Ø63	186	110	110	ID GB63 pipe slip in OD GB75 coupler

Valve

For easier and trouble-free installation

SUPERIOR QUALITY AND PLUMBING VERSATILITY

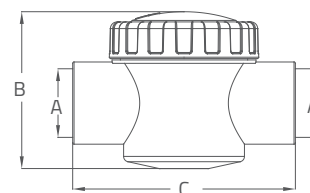
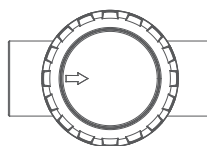
By using the best imported materials available and rigorous quality control standard. Emaux valves are made for easier and trouble-free installations. Superior quality and plumbing versatility make Emaux valves the best choice for pool and spa professionals.



Check Valve

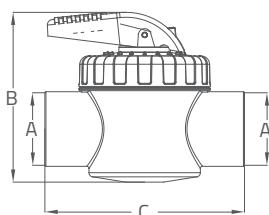
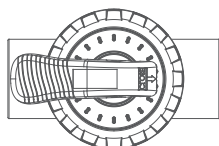
Product Features:

1. Made of durable ABS and PVC
2. Large handle for easy adjustment
3. Extremely reliable and maintenance free
4. Max. 4 bar working pressure
5. Able to withstand extreme chemical and temperature fluctuations
6. For 1.5"/50mm or 2"/63mm PVC pipe



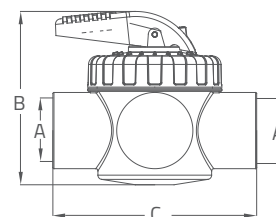
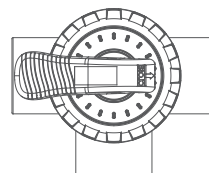
Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)
88460301	V40-1(E)	ABS & PVC	50mm	Ø50	115	164
88460302	V50-1(E)	ABS & PVC	63mm	Ø63	129	190
88460311	V40-1(A)	ABS & PVC	1.5"	Ø48	115	164
88460312	V50-1(A)	ABS & PVC	2"	Ø60	129	190

2-Way Valve



Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)
88460101	V40-2(E)	ABS & PVC	50mm	Ø50	149	164
88460102	V50-2(E)	ABS & PVC	63mm	Ø63	161	190
88460111	V40-2(A)	ABS & PVC	1.5"	Ø48	149	164
88460112	V50-2(A)	ABS & PVC	2"	Ø60	161	190

3-Way Valve



Code	Model	Material	Connection	A (mm)	B (mm)	C (mm)
88460201	V40-3(E)	ABS & PVC	50mm	Ø50	149	164
88460202	V50-3(E)	ABS & PVC	63mm	Ø63	161	190
88460211	V40-3(A)	ABS & PVC	1.5"	Ø48	149	164
88460212	V50-3(A)	ABS & PVC	2"	Ø60	161	190

Above-Ground Pool Gate Valve

For low pressure pool filtration or aquaculture systems

EASY TO INSTALL AND OPERATE

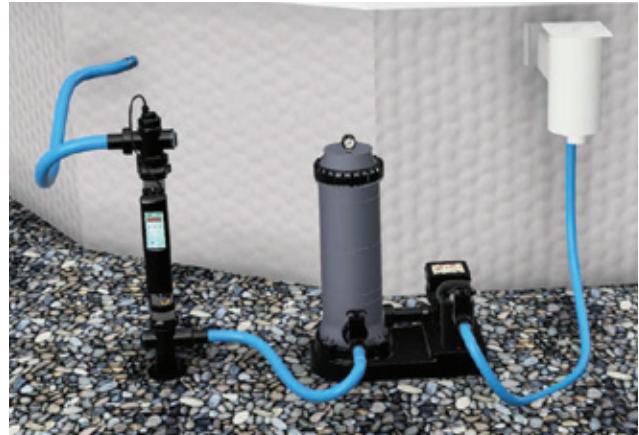
This push-pull knife gate valve is designed for low-pressure filtration or aquaculture systems. The compact size permits easy installation and removal making it perfect for small or mid size filtration systems. Two types of piping connections are available for adding into the piping without glue.



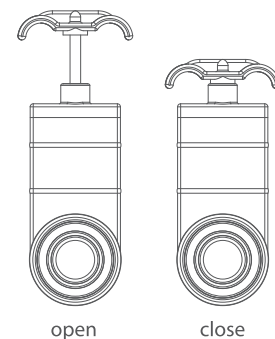
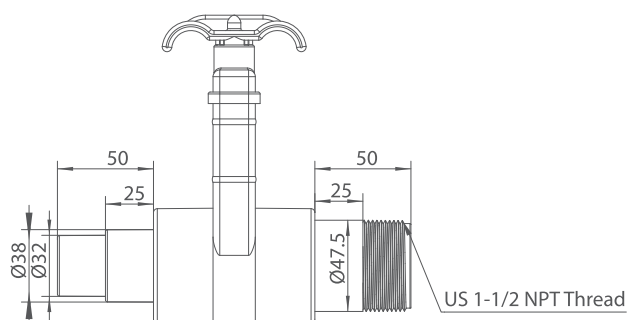
Product Information:

1. PVC with stainless steel shaft
2. Size: 1.5 inch
3. Operation pressure: 2 Bar
4. Connection: 32-38mm hose and 1.5" NPT thread

Code	Model
93002601	OM1888



Shown with cartridge filter combo, NanoTech UV disinfection system, and hose connections



Union Set

Sets and parts for replacement

With O-ring

89280105



1.5" Union with O-ring

89023801



1.5" Union with O-ring for SPH

E190102



1.5" Union with O-ring

89280101



1.5" Union with sight glass and O-ring

E190201



2" Union with O-ring

89030201



32mm & 38mm Union with O-ring

Parts

01171160



2" Union Adaptor

01013147



2.5" Nut
for Connector

01171158



2.5" Union Adaptor

01013045



38mm Connector

01013053

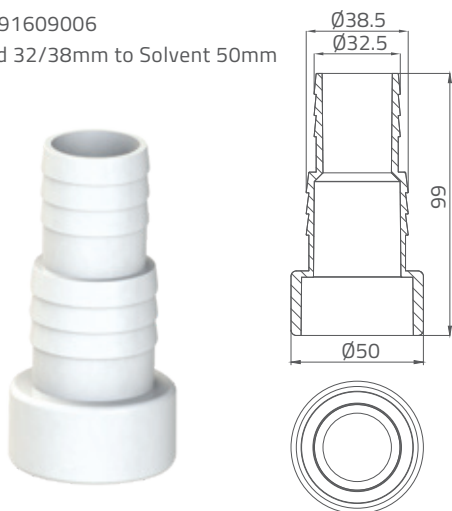


32mm Connector

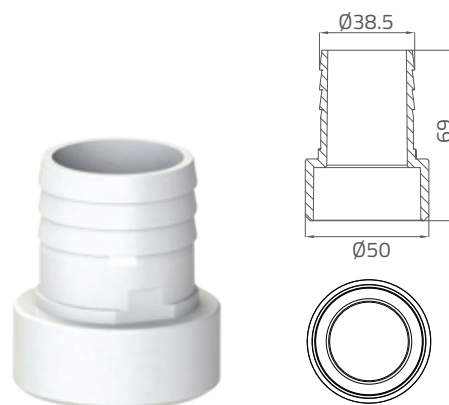
Hose Tail Connector

Made of ABS with high mechanical resistance

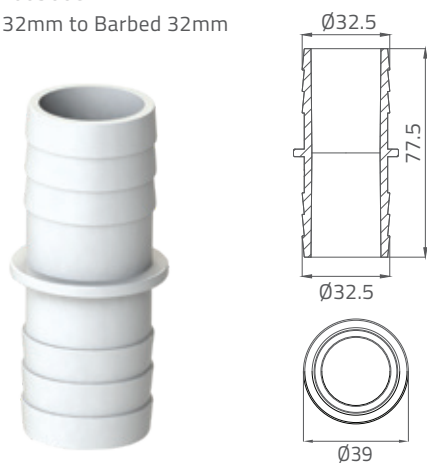
Code: 91609006
Barbed 32/38mm to Solvent 50mm



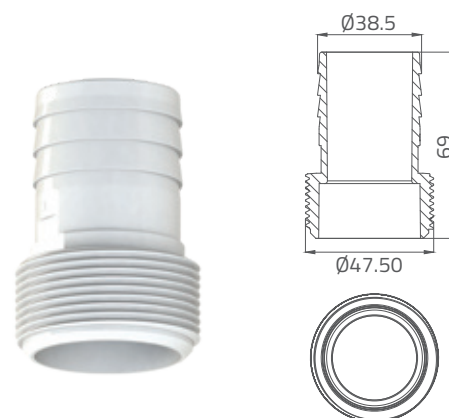
Code: 91609007
Barbed 38mm to Solvent 50mm



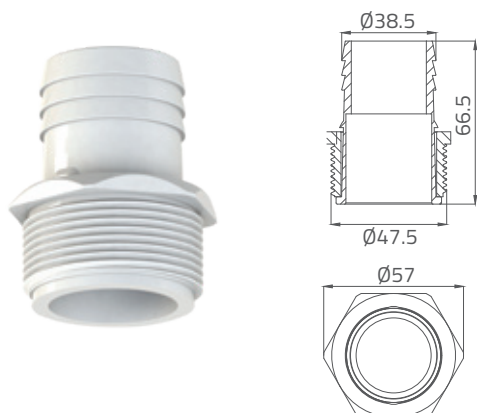
Code: 91609008
Barbed 32mm to Barbed 32mm



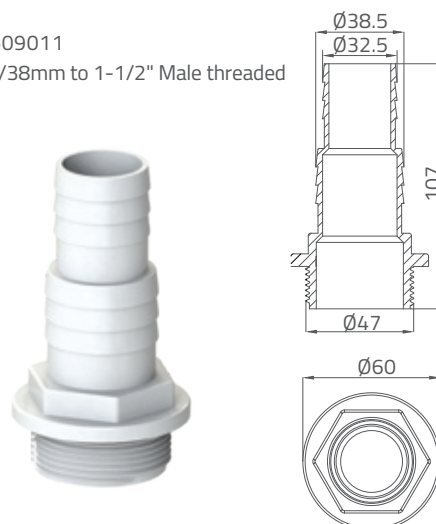
Code: 91609009
Barbed 38mm to 1-1/2" Male threaded



Code: 91609010
Barbed 38mm to 1-1/2" Male threaded (with nut)



Code: 91609011
Barbed 32/38mm to 1-1/2" Male threaded



Pressure Gauge

Stainless Steel Oil Pressure Gauge

Bottom Connection



Code: 06011029 Max: 40psi/275kPa
Code: 06011030 Max: 60psi/415kPa
Code: 06011031 Max: 100psi/700kPa

Bottom Connection (Ø3")



Code: 117046794 Max: 40psi/275kPa
Code: 117046793 Max: 60psi/415kPa
Code: 117046792 Max: 100psi/700kPa
Code: 117046493 Max: 150psi/1034kPa

Bottom Connection (For Manometer)



Code: 117003676 Max: 40psi/275kPa
Code: 117003677 Max: 60psi/415kPa
Code: 117003678 Max: 75psi/525kPa

Side Connection



Code: 06011032 Max: 40psi/275kPa
Code: 06011033 Max: 60psi/415kPa

Indicative Pressure Gauge

Bottom Connection



Code: 117038519 Max: 60psi/415kPa

Side Connection



Code: 117068519 Max: 60psi/415kPa

Manometer



E013044-E013047
2 inch Pressure Gauges



E13048-E13053
3 inch Pressure Gauges

Code	Gauge Dia.	Range	Filter in/outlet
E013044	2 inch	0 - 40psi	3 inch
E013045	2 inch	0 - 60psi	3 inch
E013046	2 inch	0 - 40psi	4 inch
E013047	2 inch	0 - 60psi	4 inch
E013048	3 inch	0 - 40psi	6 inch
E013049	3 inch	0 - 60psi	6 inch
E013050	3 inch	0 - 40psi	8 inch
E013051	3 inch	0 - 60psi	8 inch
E013052	3 inch	0 - 40psi	10 inch
E013053	3 inch	0 - 60psi	10 inch

Plastic Pressure Gauge

Bottom Connection



Code: 06021013
Max: 40PSI/275kPa

Side Connection



Code: 06021002
Max: 40PSI/275kPa





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 **YOUR PREMIER SUPPLIER**

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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