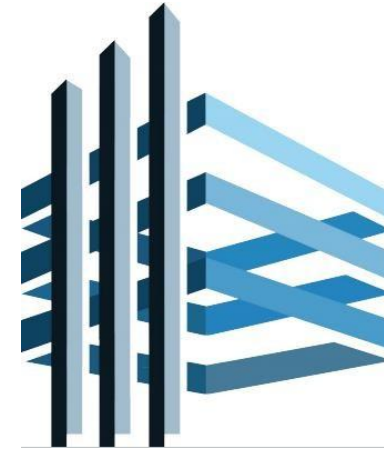


Sand Filter

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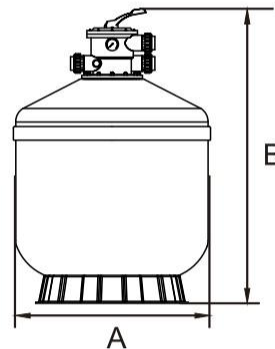
"GFT" Series Top Mount Gel Sand Filter



GFT series tanks are non-corrosive gel-coated glass fiber tanks with smooth surface, which can adapt to different climates. The surface of the tank is treated with sun protection, which can operate in outdoor sunlight for a long time and it is suitable for residential and commercial swimming pools.

Highlight Features:

- Non-corrosive gel coated glass fiber tank
- Max operating pressure 36psi/2.5bar
- Max temperature of 43°C (109°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



Technical Information

Model	Filter Area(m²)	Valve Connections	Max Flow Rate	Gravel(kg)	A mm	B mm
GFT500	0.20	1.5 inch	10.0 m³/h	88	535	900
GFT650	0.33	1.5 inch	16.5 m³/h	158	650	1000
GFT750	0.44	2 inch	22.0 m³/h	260	750	1050
GFT800	0.52	2 inch	26.0 m³/h			
GFT900	0.64	2 inch				

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

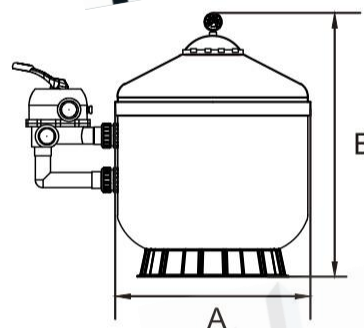
"GFC" Series Side Mount Gel Sand Filter

GFC series tanks are non-corrosive gel-coated glass fiber tanks with smooth surface, which can adapt to different climates. The surface of the tank is treated with sun protection, which can operate in outdoor sunlight for a long time and it is suitable for residential and commercial swimming pools.



Highlight Features:

- Non-corrosive gel coated glass fiber tank
- Max operating pressure 36psi/2.5bar
- Max temperature of 43°C (109°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



Technical Information

Model	Filter Area(m²)	Valve Connections	Max Flow Rate	Gravel(kg)	A mm	B mm
GFC500	0.20	1.5 inch	10.0 m³/h	100	535	790
GFC650	0.33	1.5 inch	16.5 m³/h	150	650	880
GFC750	0.44	2 inch	22.1 m³/h	250	750	1070
GFC800	0.50	2 inch	25.0 m³/h	350	800	1150
GFC900	0.64	2 inch	31.8 m³/h	375	900	1200

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

"S & SD" Series Top Mount Plastic Filter

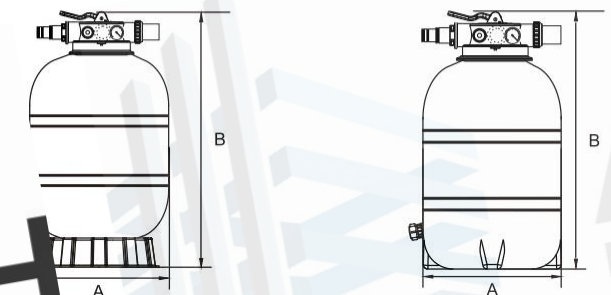


S250-S300

S&SD Series Filters can 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.

Highlight Features:

- 4-Way valve
- Max operating pressure 28psi/200kPa
- Max temperature of 40°C (104°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



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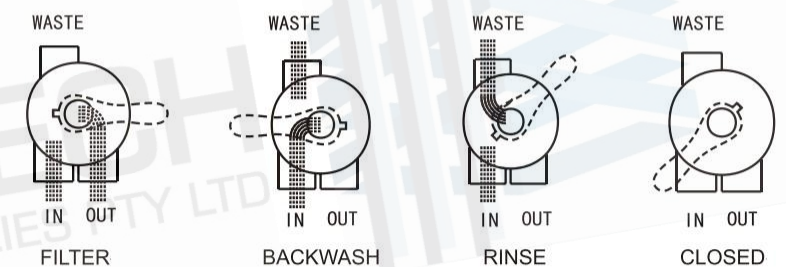
SD250-SD300

Technical Information

Model	Filter Area(m²)	Valve Connections	Max Flow Rate	Gravel(kg)	A mm	B mm
S250	0.06	1.5 inch	2.9 m³/h	14	250	540
S300	0.08	1.5 inch	3.5 m³/h	17	300	560
SD250	0.06	1.5 inch	2.9 m³/h	14	250	490
SD300	0.08	1.5 inch	3.5 m³/h	17	300	510

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

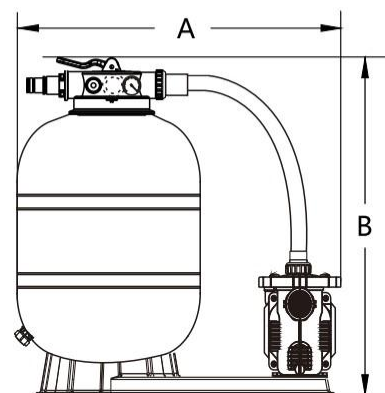
Functions: 4-Way Multiport Valve



"PSY" Series Plastic Filter Combo

Highlight Features:

- 4-Way valve
- Max operating pressure 28psi/200kPa
- Max temperature of 40°C(104°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



PSY Series Filters can 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 for its reliable performance and economy.

Technical Characteristics

Model	Max Flow Rate	Filter	Pump	Valve Connections	Sand(kg)	A (mm)	B (mm)
PSY250-4W	2.9 m ³ /h	S250	0.33HP	1.5"/50mm	14	660	540
PSY300-4W	3.5 m ³ /h	S300	0.33HP	1.5"/50mm	17	660	560

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

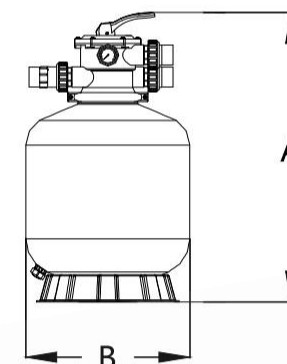
"S" Series Top Mount Plastic Filter

S Series Filters can 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.



Highlight Features:

- Tank Material HDPE
- Max operating pressure 28psi/200kPa
- Max temperature of 40°C(104°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



Technical Information

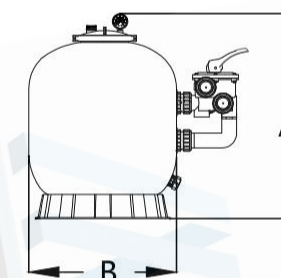
Filter Area(m ²)	Valve Connections	Max Flow Rate	Gravel(kg)	A mm	B mm
0.1	1.5 inch	4.32 m ³ /h	20	745	350
0.13	1.5 inch	6.12 m ³ /h	35	750	405
0.16	1.5 inch	7.8 m ³ /h	45	815	450
0.22	1.5 inch	10.8 m ³ /h	85	850	535
0.31	1.5 inch	15.3 m ³ /h	145	915	635
0.39	1.5 inch	19.20 m ³ /h	210	1010	710

S Series Filters can 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.



Highlight Features:

- Tank Material HDPE
- Max operating pressure 28psi/200kPa
- Max temperature of 40°C(104°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



Technical Information

Model	Filter Area(m ²)	Valve Connections	Max Flow Rate	Gravel(kg)	A mm	B mm
SC525	0.22	1.5 inch	10.8 m ³ /h	85	710	535
SC650	0.31	1.5 inch	15.3 m ³ /h	145	800	635
SC700A	0.39	1.5 inch	19.20 m ³ /h	210	870	710

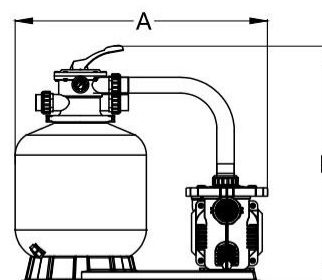
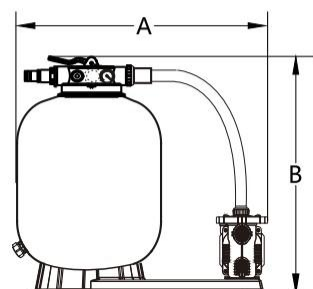
Note:Suggested sand weight varies with differences in filter media size.For reference only

“PSY”Series Plastic Filter Combo

PSY Series Filters can 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.

Highlight Features:

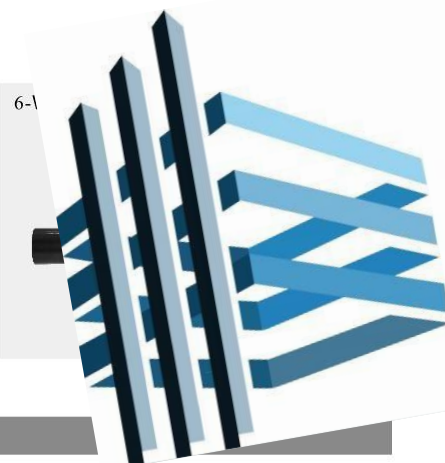
- 4/6-Way valve
- Max operating pressure 28psi/200kPa
- Max temperature of 40°C(104°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



4-Way valve



6-1



Technical Characteristics

Model	Max Flow Rate	Filter	Pump	Valve Connections	Sand (kg)	A (mm)	B (mm)
PSY350-4W	4.32m³/h	S350	0.33HP	1.5"/50mm	20	685	645
PSY400-4W	6.12m³/h	S400	0.50HP	1.5"/50mm	35	710	650
PSY450-4W	7.80m³/h	S450	0.75HP	1.5"/50mm	45	770	745
PSY500-4W	10.80m³/h	S525	1.0HP	1.5"/50mm	85	810	750
PSY650-4W	15.30m³/h	S650	1.2HP	1.5"/50mm	145	950	850
PSY350-6W	4.32m³/h	S350	0.33HP	1.5"/50mm	20	685	745
PSY400-6W	6.12m³/h	S400	0.50HP	1.5"/50mm	35	710	750
PSY450-6W	7.80m³/h	S450	0.75HP	1.5"/50mm	45	770	845
PSY500-6W	10.80m³/h	S525	1.0HP	1.5"/50mm	85	810	850
PSY650-6W	15.30m³/h	S650	1.2HP	1.5"/50mm	145	950	950

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

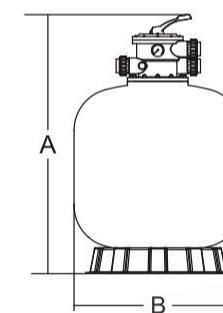
“P”Series Fiberglass Top Mount Filter

Bobbin-wound fiberglass reinforced tank is still the most popular standard in the industry after all. With UV-resistant surface finished, it is able to operate under prolong sunlight for years of reliability. P series (P400-P1400) filters are equipped with a six-position, clamp and screw styles multi-port valve and ABS laterals.



P400-700

PQ400-700



Highlight Features:

- Max operating pressure 36psi/2.5bar
- Max temperature of 43°C (109°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm

Characteristics

	Area(m²)	Valve Connection	Max Flow Rate	Gravel(kg)	A mm	B mm
CH PTY LTD	13	1.5 inch 50mm	8 m³/h	35	720	400
	16	1.5 inch 50mm	10 m³/h	45	770	450
	22	1.5 inch 50mm	12 m³/h	85	840	525
	30	1.5 inch 50mm	16 m³/h	150	960	625
	40	1.5 inch 50mm	20 m³/h	210	1040	700
	50	2.0 inch 63mm	21 m³/h	215	1080	700
	60	2.0 inch 63mm	23 m³/h	300	1100	750
	70	2.0 inch 63mm	25 m³/h	355	1210	800
	80	2.0 inch 63mm	31 m³/h	470	1270	900
	1000	2.0 inch 63mm	36 m³/h	620	1360	1000
P1100	0.96	2.0 inch 63mm	42 m³/h	800	1400	1100
P1200	1.13	2.0 inch 63mm	45 m³/h	900	1420	1200
P1400	1.54	2.0 inch 63mm	56 m³/h	1350	1750	1400

Note: For reference only

P750-1400

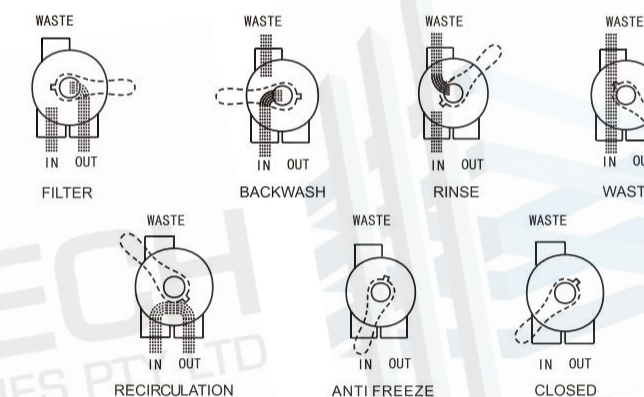


PV01-1/PV02-2



PS03-3/PS04-4

Functions: 6-Way Multiport Valve



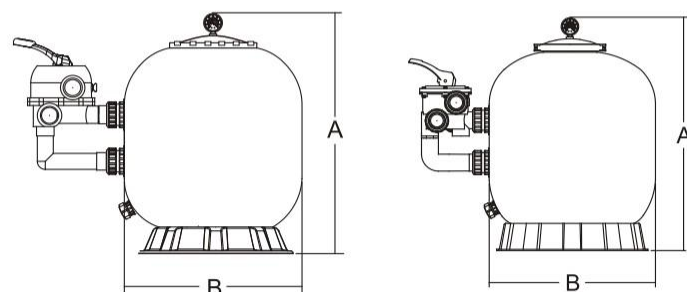
Model	PV01-1	PV02-2	PS03-3	PS04-4
Size	1.5" Top mount	2.0" Top mount	1.5" Side mount	2.0" Side mount

“PS”Series Fiberglass Side Mount Filter



PS525-700

Bobbin-wound fiberglass reinforced tank is still the most popular standard in the industry after all. With UV-resistant surface finished, it is able to operate under prolong sunlight for years of reliability. “PS”series filters are equipped with a six position, clamp and screw styles multi-port vale and ABS laterals.



Highlight Features:

- Max operating pressure 36psi/2.5bar
- Max temperature of 43°C (109°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



PS750-1400

Technical Characteristics

Model	Filter Area(m²)	Valve Connection	Max Flow Rate (m³/h)	Gravel(kg)	A mm	B mm
PS525	0.22	1.5 inch	50mm			
PS625	0.30	1.5 inch	50mm			
PS700	0.40	1.5 inch	50mm			
PS700B	0.40	2.0 inch	63mm			
PS750	0.45	2.0 inch	63mm	2100	1410	1200
PS800	0.50	2.0 inch	63mm	2100	1570	1400
PS900	0.64	2.0 inch	63mm	31 m³/h	470	1120
PS1000	0.79	2.0 inch	63mm	36 m³/h	620	1210
PS1100	0.96	2.0 inch	63mm	42 m³/h	800	1290
PS1200	1.13	2.0 inch	63mm	45 m³/h	900	1310
PS1400	1.54	2.0 inch	63mm	56 m³/h	1350	1600

Note: For reference only

PS525-700



PS750-1400

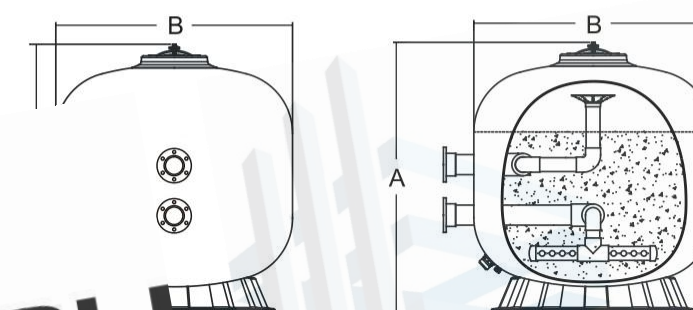


“PS”Series Fiberglass Side Mount Filter

PS Series Commercial Sand Filter satisfies the demand of different water treatment including pools installed within-floor cleaning systems spa, fountains and public swimming pool.

Highlight Features:

- Max operating pressure 36psi/2.5bar
- Max temperature of 43°C (109°F)
- Universal standard of union connection provided
- Suggested size of media: 1-2mm



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water inlet



water outlet

		Valve Connection		Max Flow Rate	Gravel(kg)	A mm	B mm
		3.0inch	90mm	55 m³/h	900	1410	1200
	1.54	3.0inch	90mm	76 m³/h	1350	1570	1400
PS1600	2.06	4.0inch	110mm	100 m³/h	2300	1740	1600
PS1800	2.52	6.0inch	160mm	120 m³/h	2900	2040	1800
PS2000	2.97	6.0inch	160mm	145 m³/h	4000	2210	2000
PS2300	4.43	8.0inch	200mm	200 m³/h	6000	2510	2300
PS2350	4.43	8.0inch	200mm	210 m³/h	6600	2510	2350

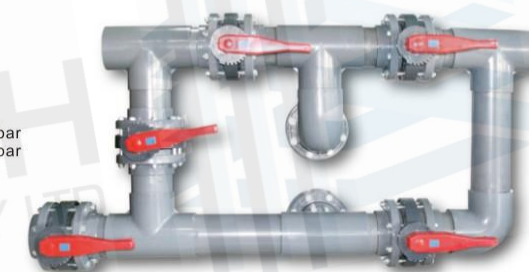
Note: For reference only

4/5 Way Butterfly Valve



PA-01
4 Way butterfly valve

Maximum Working Pressure: 250kPa/36psi/2.5bar
Factory Testing Pressure: 400kPa/58psi/4.0bar
Maximum Water Temperature: 43° C (109° F)



PA-02
5 Way butterfly valve

“SL”Series Fiberglass Side Mount Deep Ded Filter

SL Series Side Mount Deep Bed Filter offers a more thorough filtration with the standard of either 1.0m or 1.2m deep sand bed which is suitable for high filtration performance of domestic swimming pool.



Lateral system



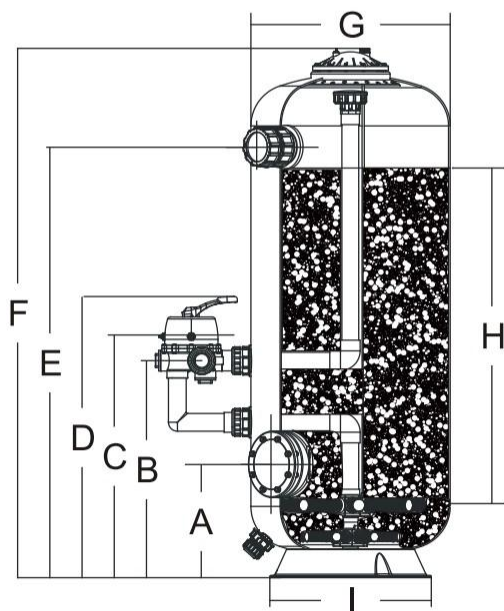
Manhole

Highlight Features:

- Max operating pressure 36psi/2.5bar
- Max temperature of 43°C (109°F)
- Maximum filtration velocity: 50m³/h/m²
- Universal standard of union connection provided
- Suggested size of media: 1-2mm
- Dual layers of laterals
- 4" Sight glass
- 158mm manhole for servicing
- 2" bottom drain

Technical Characteristics

Model	Filter Area(m²)	Valve Co
SL700-1.0	0.38	1.5 inch
SL700-1.2	0.38	1.5 inch
SL800-1.0	0.50	2.0 inch
SL800-1.2	0.50	2.0 inch
SL900-1.0	0.63	2.0 inch
SL900-1.2	0.63	2.0 inch
SL1000-1.0	0.78	2.0 inch
SL1000-1.2	0.78	2.0 inch



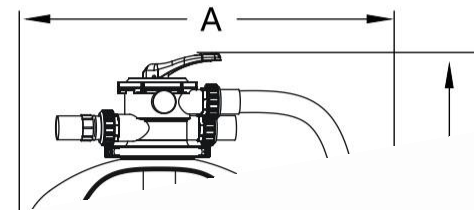
Note: Suggested sand weight varies with differences in filter media size. For reference only

Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
SL700-1.0	388	758	844	987	1320	1672	700	1000	576
SL700-1.2	388	758	844	987	1520	1872	700	1200	576
SL800-1.0	422	752	838	981	1313	1702	800	1000	800
SL800-1.2	422	752	838	981	1513	1902	800	1200	800
SL900-1.0	441	771	857	1000	1331	1735	900	1000	800
SL900-1.2	441	771	857	1000	1531	1935	900	1200	800
SL1000-1.0	515	885	971	1114	1406	1813	1000	1000	995
SL1000-1.2	600	970	971	1199	1560	2013	1000	1200	995

“PSF”Series Fiberglass Combo

Highlight Features:

- 6-Way valve
- Max operating pressure 36psi/2.5bar
- Max temperature of 43° C (109° F)
- Universal standard of union connection provided
- Suggested size of media: 1- 2mm



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Designed for easy set-up domestic pool, “PSF” Series filtration combo offers the right solution for home user who is looking for user-friendly and excellent filtration performance. PSF Series Filtration Combo includes top mount fiberglass filter tank, multiport valve, swimming pool pumps attached with base.

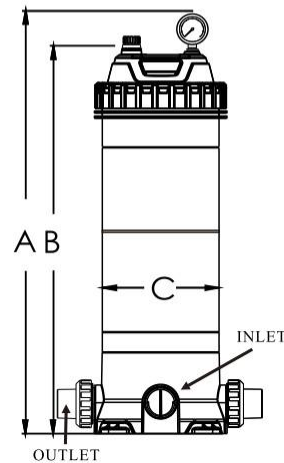
Technical Characteristics

Model	Max Flow Rate	Filter	Pump	Valve Connections	Sand (kg)	A (mm)	B (mm)
PSF400-6W	6.48m³/h	P400	0.50HP	1.5inch	35	780	520
PSF450-6W	8.10m³/h	P450	0.75HP	1.5inch	45	820	555
PSF525-6W	11.1 m³/h	P525	1.0HP	1.5inch	85	880	630
PSF625-6W	15.6m³/h	P625	1.2HP	1.5inch	150	1010	740

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

Cartridge Filter

Cartridge filtration is an effective trouble-free proven method of filtration. Pool water enters the filter and passes through a polyester single element cartridge. Suspended particles are trapped and the water is returned to the pool. As the build-up of dirt in the element increases, so the water pressure rises and the flow decreases. When the pressure reaches an unacceptable level the element must be removed and cleaned.



AF Cartridge Filter

Technical Characteristics								Package L	
Model	High (mm) A	High (mm) B	Diameter (mm) C	Pump selection range (w)	Filter area (m ²)	Flow (m ³ /h)	Greatest pressure (kpa)	Long mm	Wid mm
AF25	445	387	225	250-370	2.25	5.5	350	320	320
AF50	625	567	225	550-750	4.63	11.4	350	320	320
AF75	805	747	225	750-1100	7.00	17.0	350	320	320
AF100	985	927	225	1100-1500	9.38	22.9	350	320	320
AF150	1165	1107	225	1100-2200	13.72	33.4	350	320	320

AF Cartridge

Model	Core diameter (mm)	Caliber (mm)	High (cm)	Filter material	Filtration accuracy (μm)
AF25	Φ183	Φ78	18.45	white precision polyester fiber fabric	≤15
AF50	Φ183	Φ78	36.45		
AF75	Φ183	Φ78	54.45		
AF100	Φ183	Φ78	72.45		
AF150	Φ183	Φ78	90.45		



Crystal Sand Filter Material



PD01

The crystal sand filter material can effectively reduce the frequency of electric backwashing and save the number of water use; it has more advantages than quartz sand. Higher wear resistance, longer service life, not easy to break. No biofilm will be formed, and the surface area is 300 times larger than that of sand; suitable for use for filtration of gymnasium swimming pools, dedicated to marine aquariums, private villa swimming pools, and children's water parks.

Technical Characteristics

Size (mm)	Weight (kg/bag)
0.5-0.8	25
1.0-2.0	25
3.0-4.0	25

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media filtration performance & adaptability
to various types of water and wastewater;

• J effluent quality / leading efficiency, variable pulse backwashing technology, and reconstruction of industry technical barriers;
• Systems: filter operation & monitoring, backwashing & filtration controller system, medium storage & dosing system, auto maintenance system, auto remote control system, the synergy leads the industry control system, which leads the industry in synergy.

Technical Characteristics

Model	Filter	Number of Filter Rods (pcs)	Filter Area (m ²)	Flow Rate (m ³ /h)	Valve Connections
PLG20	P350	48	4	20	DN50
PLG30	P450	108	8.8	30	DN50
PLG40	P500	155	12.5	40	DN65