



Powerful performance. Spherical design.

The pool professional's choice for exceptional filtration in a spherical design. This Pro Series Plus filter incorporates many of the advanced features found in Hayward's Pro Series side-mount filter, delivering high-rate performance for the most demanding installations.

Thanks to its spherical design, the Pro Series Plus evenly distributes the high pressure and stress that are common with solar heating systems, spas, fountains and in-floor cleaning systems. Its impressive underdrain assembly uses 3,800 slots on 10 self-cleaning laterals that ensure totally balanced flow and backwashing. The overall result is a minimal-maintenance filter with greater strength and longer life.



Pumps

Filters

Heaters

Heat Pumps

Cleaners

Lighting

Controls

Electronic Chlorine
Generators

Total System

Optional Valve and Coupling Selections for plumbing ease and versatility.

Manual Air Relief for easy, safe manual release of air from system.

Durable Flanged Inspection/Access Cover provides convenient access to top of filter.

Integral Top Diffuser ensures even distribution of water over the top of the sand media bed. All internal piping is 2" to give smooth, free-flowing performance.

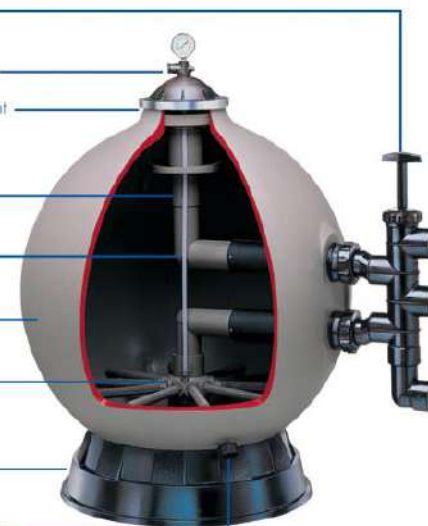
Automatic Air Relief purges any trapped air during operation of the filter system.

Unitized, Corrosion-Proof Spherical Filter Tank is molded of rugged, color-fast polymeric material for maximum strength.

Efficient, Multilateral Underdrain Assembly with 360 slotted, self-cleaning laterals, gives totally balanced flow and backwashing.

Totally Corrosion-Proof Base is rugged and attractively styled to provide strong, stable support.

Integral Molded Drain Plug for easy draining of tank, without the loss of sand.



SPECIFICATIONS – PRO SERIES PLUS SPHERICAL DESIGN SIDE-MOUNT SAND FILTERS	
FILTER TYPE	High-Rate Sand; No. 3/2 Silica Sand (0.45 mm – 0.55 mm)
FILTER TANK	Spherical, Molded Polymeric
UNDERDRAIN	360° Self-Cleaning Slotted Laterals Precision Installed in Ball-Joint Assembly
CONTROL VALVE (sold separately)	2", 7-Position, Vari-Flo™; 2", 2-Position Slide Valve; or 1 1/2" SKT x 2" SLIP Connectors for Multiple (Tandem) Filter Installations
SUPPORT BASE	Injection-Molded ABS
PERFORMANCE RANGE	99 to 130 GPM (375 to 492 LPM)
DIMENSIONS	S311SX – 31" W x 38 5/8" H (79 cm x 98 cm) S360SX – 36" W x 46" H (91 cm x 117 cm)

Above dimensions are for filter only. Add 1 1/4" (35 cm) for multi-port valve; add 7" (8 cm) for slide valve.



PERFORMANCE DATA						
MODEL NUMBER	EFFECTIVE FILTRATION AREA	DESIGN FLOW RATE*	MAXIMUM WORKING PRESSURE	TURNOVER		SAND REQUIRED
				8 hrs.	10 hrs.	
S311SX	4.95 ft. ² 0.46 m ²	99 GPM 375 LPM	50 psi 3.45 bar	47,520 gal. 180 kl	59,400 gal. 225 kl	350 lbs. 159 kg
S360SX	6.50 ft. ² 0.60 m ²	130 GPM 492 LPM	50 psi 3.45 bar	62,400 gal. 236 kl	78,000 gal. 295 kl	700 lbs. 318 kg

*Based upon 20 GPM per ft.² (81.5 LPM per m²). Maximum allowable NSF rating.

Your Choice of Control Valves

Select from a wide array of valve options for customized control of your filtration system, including Hayward's 2", 2-position slide valve.

Patented Service-Ease Design

with unique folding ball joint design allows lateral assembly to be easily accessed for simple servicing.





Pro™ Series SIDE-MOUNT SAND FILTERS

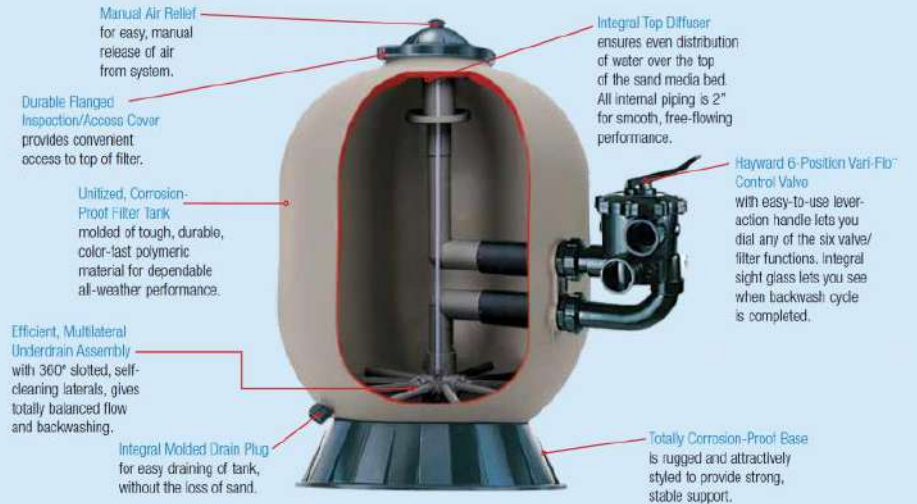
Minimal maintenance
for added convenience.

Hayward Pro Series sand filters deliver crystal clear water through advanced pool filter technology for pools of all types and sizes. And, since this sand filter requires minimal care, users will appreciate its added convenience.

The durable housing is molded of corrosion-proof polymeric materials. Additional features include an advanced, self-cleaning lateral system for smooth, efficient flow and totally balanced backwashing. Plus, with a Hayward 6-position Vari-Flo™ control valve, you can quickly dial any of the valve/filter functions for easier operation and maximum efficiency.



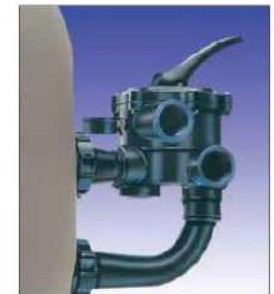
FILTERS



SPECIFICATIONS – PRO SERIES SIDE-MOUNT SAND FILTERS	
FILTER TYPE	High-Rate Sand: No. 3/4 Silica Sand (0.45 mm – 0.55 mm)
FILTER TANK	Molded Polymeric
UNDERDRAIN	360° Slotted Self-Cleaning Slotted Laterals, Precision-Installed in Ball Joint Assembly
CONTROL VALVE	1½" or 2", 6-Position Vari-Flo or 2", 2-Position Slide Valve. May also be plumbed singularly or in series with quick disconnect union couplings (less valve).
SUPPORT BASE	Injection-Molded Polymer
PERFORMANCE RANGE	30 to 120 GPM, 114 to 454 LPM
DIMENSIONS	S210S – 20½" W x 32¼" H (52 cm x 82 cm) S244S – 24¼" W x 36" H (62 cm x 91 cm) S310S – 30½" W x 40" H (78 cm x 104 cm)

MODEL NUMBER	EFFECTIVE FILTRATION AREA		VALVE	DESIGN FLOW RATE*	TURNOVER			SAND REQUIRED			
	ft.²	m²			GALLONS						
					8 hrs.	10 hrs.	10 hrs.				
S210S	2.20	0.20	1-½" Vari-Flo	44	167	21,120	26,400	80	100	200	91
S244S	3.14	0.30	1-½" Vari-Flo	62	235	29,760	37,200	113	141	300	136
S244SV	3.14	0.30	2" Slide Valve	62	235	29,760	37,200	113	141	300	136
S244SLV	3.14	0.30	Not Included	62	235	29,760	37,200	113	141	300	136
S310S	4.91	0.46	Not Included	98	371	47,040	58,800	173	223	500	227

*Based upon 20 GPM/ft², 814 LPM/m² (Maximum Allowable NSF Rating)



Vari-Flo 6-Position Control Valve

The easy-to-use lever action lets you "dial" any of six valve/filter functions.

Patented Service-Ease Design

with unique folding ball joint design allows lateral assembly to be easily accessed for simple servicing.

To take a closer look at Hayward Filters, go to www.haywardnet.com or call 1-888-HAYWARD



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