



FILTRATION SYSTEMS

The secret to crystal clear water!

The value priced SwimPro™ family of high rate sand filters is manufactured by Hayward in the United States of rugged, durable, color-fast molded polymeric material to assure long life.

Each filter features a high efficiency top diffuser and the 360° slotted lateral system to assure balanced flow. The top diffuser evenly distributes the unfiltered water across the entire sand media bed, in a cascading umbrella-like pattern. The included Vari-flo™ control valve features up to seven positions to quickly and easily backwash the filter to clean the sand bed of dirt and debris.

The SwimPro™ filter family is virtually maintenance free and value priced thanks to advance manufacturing efficiencies. Choose a filter from the SwimPro™ for affordable and efficient pool filtration.



SWIMPRO™ Top Mount Sand Filters

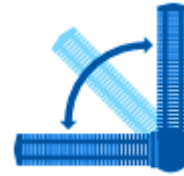
- Efficient multilateral underdrain assembly with precision-engineered, self cleaning 360° slotted laterals provides totally balanced flow and backwashing.
- Integral molded drain plug drains the tank without losing sand.
- Unitized, corrosion-proof tank is molded of color-fast polymeric material for maximum all-weather durability.
- Corrosion-proof base provides strong, stable support
- Patented service-ease design with unique folding ball joining provides easy access to lateral assembly.



Vari-Flo™ 7-Position Control Valve

With easy-to-use lever-action handle lets you “dial any of seven valve/filter functions.

Patented Service-Ease Design



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

Product Specifications	
Filter Type	Hi Rate Sand
Filter Tank	One Piece Molded Polymeric
Pressure rating	50 PSI / 3.75 Bar Working Pressure
Media	#20 Silica Sand (0.45mm-0.55mm)
Underdrain	Self cleaning slotted laterals precision installed- in ball-joint assembly
Support Base	Injection molded polymer
Performance Range	30gpm – 99 gpm (116 lpm – 375 lpm)



Model Number	S170TEXP	S190TEXP	S230TEXP	S270TEXP	S311TEXP**
Valve	1 ½" Vari-Flo	1 ½" Vari-flo	1 ½" Vari-flo	1 ½" Vari-flo	2" Vari-flo
Effective Filtration Area	1.5 ft ² / 0.14m ²	1.8 ft ² / 0.17 m ²	2.7 ft ² / 0.25 m ²	3.7 ft ² / 0.25 m ²	4.95 ft ² / 0.46 m ²
Design Flow Rate*	30 gpm / 116 lpm	36 gpm / 140 lpm	54 gpm / 204 lpm	74 gpm / 280 lpm	99 gpm / 375 lpm
Sand Required	100 lbs. / 45 kg	175 lbs. / 79 kg	250 lbs. / 114kg	350 lbs. / 160 kg	350 lbs. / 160kg
Dimensions	17" W x 36 ½" H (44 cm x 93 cm)	19" W x 36 ½" H (49 cm x 93 cm)	23" W x 42 ¼" H (59 cm x 107 cm)	27" W x 42 ¼" H (69 cm x 107 cm)	31" W x 45 ¼" H (79 cm x 115 cm)

*Based upon 20 GPM/Ft³, 814 LPM/m³ (Maximum Allowable NSF Rating)

** Spherical Tank