

4000 SERIES™

FIBERGLASS D.E. FILTERS

For water that sparkles.

Filtering with diatomaceous earth (D.E.) removes particles so small they are individually undetected by the human eye but combine to decrease water clarity. 4000 Series filters remove the tiniest of contaminants, so your water truly sparkles. In addition to exceptional filtration, Pentair SMBW 4000 Series filters feature sheet-molded fiberglass tanks and PPO resin rotary backwash valves for long life, dependable performance and easy maintenance.





4000 SERIES™ FIBERGLASS D.E. FILTERS

Trap more dirt. Clean less often.

SMBW 4000 Series filters provide optimum filtration efficiency, easy maintenance and longer runs between cleanings. Their extraordinary dirt-holding capacity and easy cleanability make them the perfect choice for every pool.

KEY FEATURES

Corrosion-resistant, 20"-diameter fiberglass filter tank

Is strong, durable and made to last for years.

Filter's refined internal design minimizes flow restrictions

So that the least amount of pumping power produces the maximum required flow rates—for lower utility costs.

Durable backwash valve

Is unaffected by heat and cold, ensuring flawless operation under all conditions.

Thermoplastic backwash rotor seal

Is specially engineered to prevent dirt from entering the rotor chamber for smoother, trouble-free operation.

Individually removable grids

For easy cleaning.

Spiro-Mite grid design

Provides high-efficiency filtration and longer filter cycles.

Clamp ring

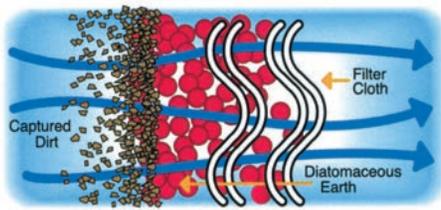
Permits quick and easy access to internal components.

2" plumbing connections

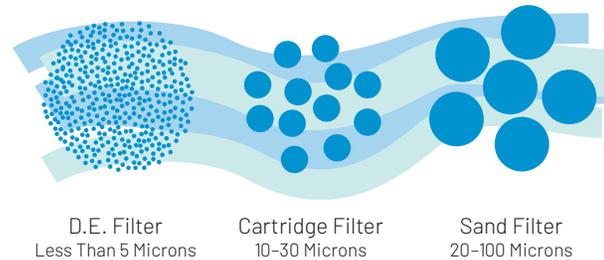
Provide maximum flow for greater efficiency.

How a D.E. Filter Works

When diatomaceous earth (D.E.) is introduced into the filter system, it coats the filter cloth. As water passes over the filter grids, the D.E. particles capture even the smallest suspended dirt particles. When cleaning is needed, the water flow is simply reversed and contaminants are backwashed away.



Particle Filtration Comparison



Model Number	Filter Area Sq. Ft.	Vertical Clearance*	Filter Diameter	D.E. Required (lbs.)	Flow Rate GPM**	Turnover Capacity (Gallons)		
						8 hrs.	10 hrs.	12 hrs.
SMBW 4048	47	52"	20"	4.8	94	45,120	56,400	67,680
SMBW 4060	58	58"	20"	6.0	116	55,680	69,600	83,520

* Required clearance to remove filter elements ** Maximum flow rate



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