

4000 Series™

Fiberglass D.E. Filters

By Pentair Pool Products®



For water that literally sparkles

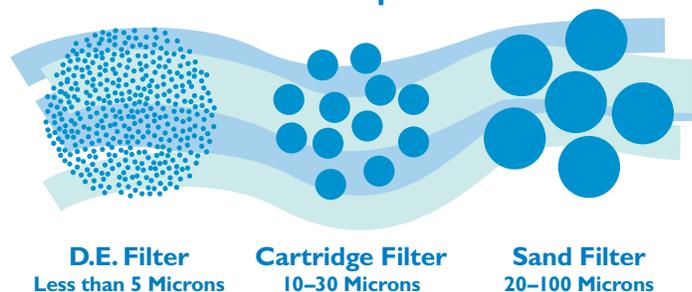
Filtering with diatomaceous earth (D.E.) removes particles so small they are individually undetected by the human eye, but combine to decrease water clarity. 4000 Series™ filters remove the tiniest of contaminants, so your water truly sparkles. In addition to exceptional filtration, Pentair SMBW 4000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

Features include:

- Unique Spiro-Mite curved grid design ensures an even flow and uniform distribution of D.E. for optimum filtration efficiency and longer periods between cleanings.
- 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.
- Exclusive clamp ring design is safe, strong and reliable—permits quick and easy access to internal components.

Particle Filtration Comparison



4000 Series™ Fiberglass D.E. Filters



Unique Spiro-Mite grid design provides high efficiency filtration and longer filter cycles

Exclusive clamp ring permits quick and easy access to internal components

2" plumbing connections provide maximum flow for greater efficiency



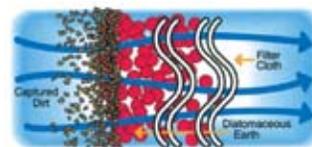
Model Number	Filter Area Sq. Ft.	Vertical Clearance*	Filter Diameter	D.E. Required (lbs.)	Flow Rate (GPM)**	Turnover Capacity (Gallons)		
						8 hrs.	10 hrs.	12 hrs.
SMBW 4036	35	46"	20"	3.6	70	33,600	42,000	50,400
SMBW 4048	47	52"	20"	4.8	94	45,120	56,400	67,680
SMBW 4060	58	58"	20"	6.0	116	55,680	69,600	83,520

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

Trap more dirt. Clean less often.

SMBW 4000 Series™ D.E. 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.

- 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.
- One-year limited warranty. See warranty for details.



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.

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