

Nautilus[®] Plus NSP

Stainless Steel D.E. Filter

By Pentair Pool Products[®]



The cleaning efficiency of D.E., the durability of stainless steel

Filtering with diatomaceous earth (D.E.) gives you water that really sparkles. That's because D.E. filters remove the tiniest of contaminants... particles as small as 5 microns. (An average grain of sand is 1000 microns!) Even though these particles can't be seen individually, collectively they greatly affect water clarity.

Here's why diatomaceous earth filters work so well. Water passes through a series of D.E. coated grids. Under a microscope, D.E. looks like a collection of tiny sponges. And just like a sponge, water can pass through, but microscopic impurities like dirt, algae, and some forms of bacteria can't.

Nautilus[®] Plus NSP D.E. Filters have been designed with curved grids to maximize filtration area. More filter area means better performance and longer periods between cleanings.

Our exclusive internal design has been refined to minimize flow restrictions, and therefore requires minimal pumping power to achieve a needed flow rate.

That means lower utility costs. And the 100% premium-grade stainless steel tank ensures reliable operation for years.

- Exclusive clamping design is proven to be one of the most secure in the industry.
- Water flows in the bottom, up and around the filter grid for even distribution of diatomaceous earth, eliminating "bridging" between elements and providing highly efficient filtration.
- Exclusive grid assembly with molded-in handles lifts out easily for inspection and periodic cleaning.
- Premium-grade stainless steel tank for superior strength.

Nautilus® Plus NSP

Stainless Steel D.E. Filter



Strong and corrosion-resistant premium-grade stainless steel tank

Exclusive clamp design is super-safe and secure, year after year

Water flows in bottom, up and around filter grid for even D.E. distribution and highly efficient filtration

Model Number	Filter Area (Sq. Ft.)	Vertical Clearance*	Tank Diameter	Flow Rate (GPM)		Turnover Capacity in Gallons (Residential)		
				Res.**	Com.	8 hours	10 hours	12 hours
NSP 36	36	67"	18"	72	54	34,560	43,200	51,840
NSP 48	48	73"	18"	96	72	46,080	57,600	69,120
NSP 60	60	79"	18"	120	90	57,600	72,000	86,400
NSP 72	72	85"	18"	144	144	69,120	86,400	103,680

Efficient filtration. Rugged construction. Simple operation.

The next generation of the proven Nautilus® Plus NSP D.E. filter features a corrosion-resistant, leak-proof stainless steel tank and a unique grid design to provide the most efficient and reliable filtration possible. But that's not all – the Nautilus Plus is also one of the easiest filters to operate and maintain.

- Backwashes from top to bottom utilizing gravity for total cleaning of accumulated dirt and D.E. powder
- 2" plumbing connections allow for maximum flow and faster total water filtration – clear water with less pump use.
- One-year limited warranty. See warranty for details.
- 2" bottom drain assembly permits unrestricted flow when draining filter.

* Required clearance to remove filter elements.
 ** Maximum flow rate. Flow rate is based on 2.0 GPM per sq. ft. of filter area. Actual system flow will depend on plumbing size and other system components.

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