FNS® PLUS
FIBERGLASS D.E. FILTER

THE FILTER THAT DELIVERS CRYSTAL CLARITY

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 1,000 microns). Even though these particles can't be seen individually, collectively they greatly affect water clarity.

Here's why D.E. 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.

FNS Plus filters have been designed with curved grids to maximize filtration area. More filter area means better performance and longer periods between cleanings. Our 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.

In addition to providing the clearest water possible, FNS Plus filters were also designed for easy maintenance and long-term reliability. So, you can count on them to keep your pool's water clean and crystal clear for years to come.

- Curved vertical grids provide maximum filter surface area for greater dirt-trapping capacity and longer periods between cleanings.
- Internal design ensures optimum filtration and backwashing efficiency.
- Chemical-resistant, fiberglass-reinforced polypropylene tank for exceptional strength and longer life.
- Easily removable filter grid pack to simplify maintenance and save you time.

FNS® PLUS
FIBERGLASS D.E. FILTER

Corrosion-resistant fiberglass tank for long life

2" plumbing connections for maximum flow

Conveniently located 1½" drain for easier and more efficient cleanout and 100% draining

Model Number	Filter Area Square Feet	Vertical Clearance*	Filter Diameter	Flow Rate GPM**	Turnover Capacity (Gallons)		
				Comm.***	8 hours	10 hours	12 hours
FNSP 24	24	48"	21.5"	48	23,040	28,800	34,560
FNSP 36	36	62"	21.5"	72	34,560	43,200	51,840
FNSP 48	48	74"	21.5"	96	46,080	57,600	69,120
FNSP 60	60	86"	21.5"	120	57,600	72,000	86,400

*Required clearance to remove filter elements.

**Flow rate is based on 2.0 GPM per square feet of filter area. Actual system flow will depend on plumbing size and other system components.

***Maximum flow rate.

THE CULMINATION OF 40 YEARS OF POOL FILTER EXPERIENCE

The time-tested design of the FNS Plus filter offers you maximum performance, convenience and reliability for year after year of sparkling-clear pool enjoyment. No wonder more than 2 million Pentair filters have been installed by pool professionals.

- Attractive, almond-colored tank blends into any backyard environment.
- High Flow™ Manual Air Relief Valve and continuous internal air relief work together to maintain efficient filtration and will help prevent overpressurization.
- Easily accessible 1½" drain for efficient cleanout.

How a D.E. Filter Works

When 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.

AVAILABLE FROM:

PENTAIR

1620 HAWKINS AVE, SANFORD, NC 27330 800.831.7133 WWW.PENTAIRPOOL.COM

All Pentair trademarks and logos are owned by Pentair or one of its global affiliates. FNS® and High Flow™ are trademarks and/or registered trademarks of Pentair Water Pool and Spa, Inc. and/or its affiliated companies in the United States and/or other countries. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

pumps • filters • heaters • heat pumps • automation • lighting • cleaners • sanitizers • water features • maintenance products

4/16 Part # P1-091 ©2016 Pentair Water Pool and Spa, Inc. All rights reserved.