

# 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).

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.

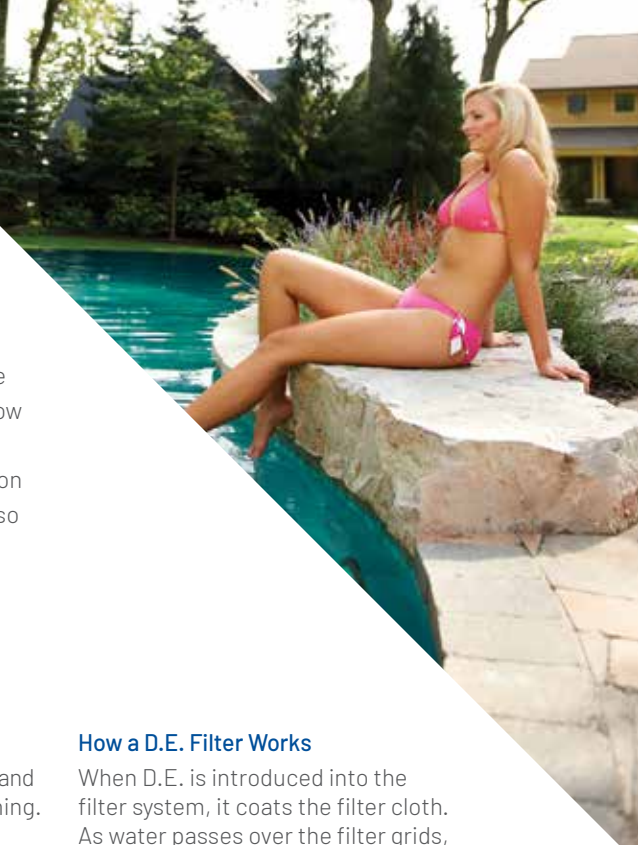




## FNS® PLUS FIBERGLASS D.E. FILTER

The culmination of 40 years of pool filter experience.

FNS Plus filters have been designed with curved grids to maximize filtration area. 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.



### KEY FEATURES

#### Durability

Chemical-resistant, fiberglass-reinforced polypropylene tank for exceptional strength and longer life.

#### Simplify maintenance

Easily removable filter grid pack to simplify maintenance and save you time.

#### Convenience

Conveniently located 1/2" drain for easier and more efficient cleanout and 100% draining.

#### Maintain efficiency

High Flow™ Manual Air Relief Valve and continuous internal air relief work together to maintain efficient filtration and will help prevent overpressurization.

#### 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.

#### Versatile upgrade for fiber-optic lighting

2" plumbing connections for maximum flow.

Model Number	Filter Area Sq. Ft.	Vertical Clearance*	Filter Diameter	Flow Rate GPM** Comm.***	Turnover Capacity (Gallons)		
					8 hrs.	10 hrs.	12 hrs.
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.



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## TRADEGRADE

The TradeGrade family of products is exclusively made for and sold by the world's most demanding pool professionals.

