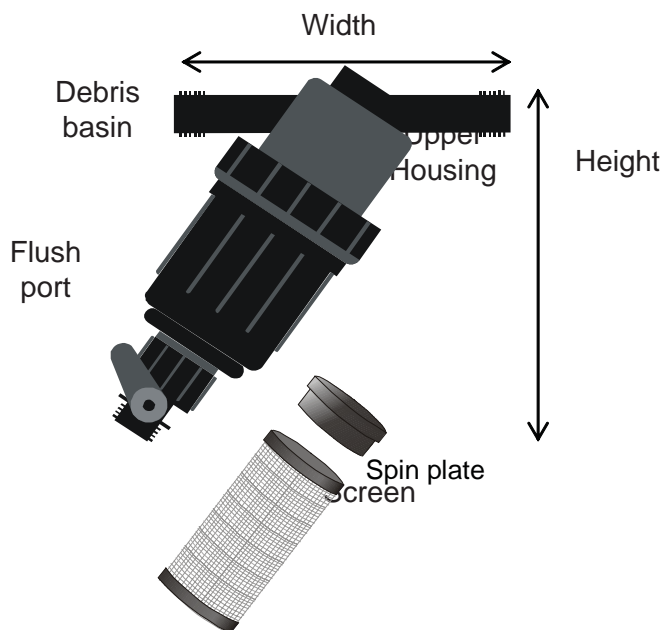


Description

The Vortex filters are placed between the pump and dripfield to screen out any debris. Spin plates at the top of each screen direct the flow of debris to the base of the screen for easy self cleaning.

Features

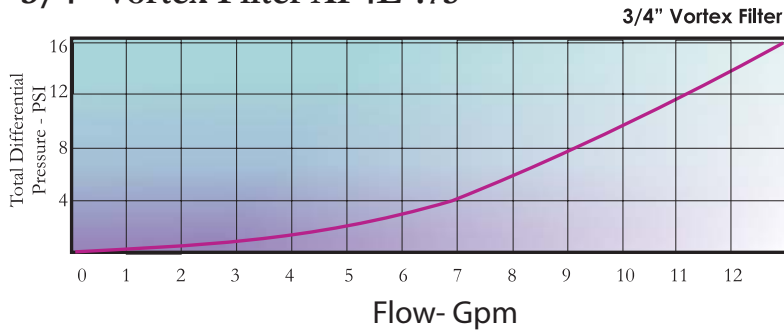
- Simple self cleaning filter. Geoflow's Vortex filter depends on a simple forward flush to self clean. Incoming water is forced through a directional nozzle plate onto the inside of the stainless steel screen. A centrifugal motion starts inside the screen chamber, throwing particles outward against the screen. Gravity moves the debris down the screen wall to the 3/4" flush outlet at the base of the Vortex Filter.
- It is simple to install and operate, requiring very few moving parts.
- Can be plumbed to self clean periodically with electronically activated solenoid valves, or continuously with slightly opened ball valves.
- Sturdy stainless steel screen proven effective in onsite wastewater applications. A sintering process in which three pieces of stainless steel mesh are transformed into one; a perforated plate, 30m then 150 mesh.
- Body is a two-piece threaded housing with O-ring seal. Molded from high heat ABS and chemical resistant glass reinforced plastic.



Item Number	Size (MPT)	Max. Flow rate (GPM)	Max. Pressure (psi) (ft.)		Width	Height	Flush Port (MPT)	Area of Filtration (inches ²)
AP4E-.75	3/4"	10	80	185	6.0"	12.0"	3/4"	23.4
AP4E-1F	1"	20	80	185	6.0"	12.0"	3/4"	23.4
AP4E-1.5F	1.5"	45	100	231	12"	15.5"	3/4"	60.8
AP4E-2F	2.0"	70	80	185	12"	16.0"	3/4"	60.8

When in doubt, it is best to choose the filter with the larger screen area.

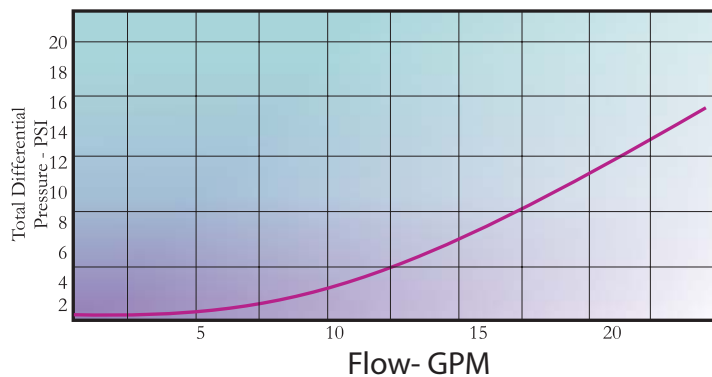
3/4" Vortex Filter AP4E-.75



Specification:

The Y filter body shall be molded from glass reinforced engineering grade black plastic with a 3/4 inch male pipe thread (MIPT) inlet and outlet. The two piece body shall be capable of being serviced by untwisting and shall include an O-ring seal. An additional 3/4 inch MIPT outlet shall be capable of periodic flushing. The 150-mesh filter screen is all stainless steel, providing a 23.4 square inch filtration area. The screen collar shall be molded from vinyl. The 3/4" filter shall be Geoflow Vortex Filter model number AP4E-75.

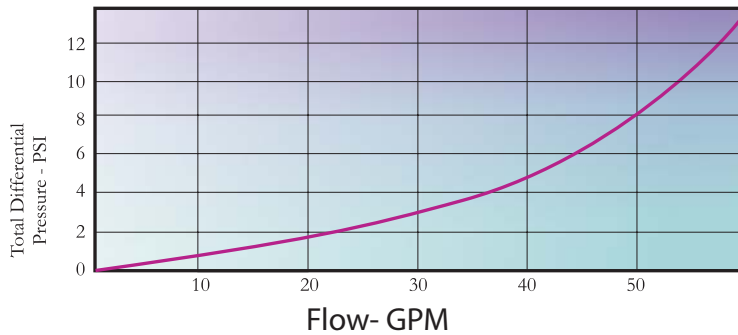
1" Vortex Filter AP4E-100



Specification:

The Y filter body shall be molded from glass reinforced engineering grade black plastic with a 1 inch male pipe thread (MIPT) inlet and outlet. The two piece body shall be capable of being serviced by untwisting and shall include an O-ring seal. An additional 3/4 inch MIPT outlet shall be capable of periodic flushing. The 150 mesh filter screen is all stainless steel, providing a 28.4 square inch filtration area. The screen collar shall be molded from vinyl. The 1" filter shall be Geoflow Vortex Filter model number AP4E-100.

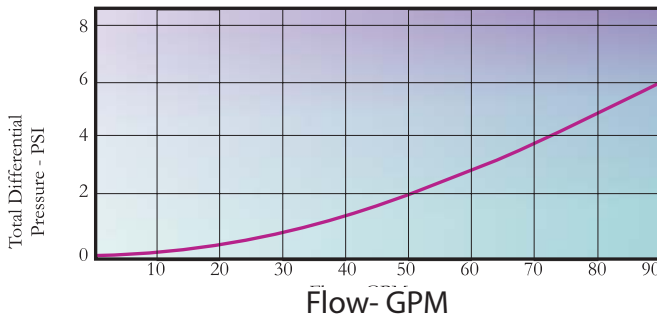
1.5" Vortex Filter AP4E-150



Specification

The Y filter body shall be molded from glass reinforced engineering grade black plastic with a 1.5 inch male pipe thread (MIPT) inlet and outlet. The two piece body shall be capable of being serviced by unscrewing and shall include an O-ring seal. An additional 3/4" MIPT outlet shall be capable of periodic flushing. The 150 mesh filter screen is all stainless, providing a 60.8 square inch filtration area. The outer support shell shall be woven stainless steel wire, and the inner screen shall be made of stainless steel cloth. The inner and outer screens shall be soldered together. The screen collar shall be molded from vinyl. The 1 1/2" filter shall be Geoflow model number AP4E-150.

2" Vortex Filter AP4E-200



Specification

The Y filter body shall be molded from glass reinforced engineering grade black plastic with a 2 inch male pipe thread (MIPT) inlet and outlet. The two piece body shall be capable of being serviced by unscrewing and shall include an O-ring seal. An additional 3/4" MIPT outlet shall be capable of periodic flushing. The 150 mesh filter screen is all stainless, providing a 60.8 square inch filtration area. The outer support shell shall be woven stainless steel wire, and the inner screen shall be made of stainless steel cloth. The inner and outer screens shall be soldered together. The screen collar shall be molded from vinyl. The 2" filter shall be Geoflow model number AP4E-200.