

MRP Series

FRP Multi High Flow Filter Housing

Description



MRP Series FRP Multi High Flow Filter Cartridge Housing adopts the method of installing multiple large flow filter elements in cartridge housing to realize the need for greater flow in the water treatment system. It has the characteristics of longer service life, larger flow rate, good dirt capacity and high filtration efficiency, and is suitable for occasions where stainless steel filter housing cannot be used.

It is easy to install and maintain, can help save a lot of space and equipment costs, so as to achieve cost-effective filtration. Because of FRP cartridge housing is strong corrosion resistance, high temperature resistance and high strength, it is widely used in seawater desalination, industrial RO pre-filtration, food and beverages, power plant, petrochemicals, industrial water treatment etc.

Features

- Easy installation and low maintenance cost, cost-effective and saving labor
- Save a lot of space and equipment costs, so as to achieve cost-effective filtration
- Longer service life, larger flow rate, good dirt capacity and high filtration efficiency
- According to the flow rate requirements, FRP multi high flow cartridge housing can be customized
- FRP cartridge housing is strong corrosion resistance, high temperature resistance and high strength

Specification

Housing Material	FRP (Fibre Reinforced Plastic)
Housing Direction	Vertical
Cartridge Length	40"
Number of Cartridge	4pcs, 5pcs, 6pcs, 7pcs
Installed Filter Type	High Flow Filter Cartridge OD 6"
Filtration Rating	1µm - 100µm
Connection	Side Port
Inlet/Outlet Type	Flange, Clamp
Inlet/Outlet Size	DN100, DN125, DN150, DN200
Sealing Type	Swing Bolt Hinged
Seal Material	EPDM, Buna-N, Viton, Silicon

Application

- Power Plant
- Pretreatment
- RO Prefiltration
- Microelectronics
- Water Treatment
- Food and Beverage
- Sea Water Desalination

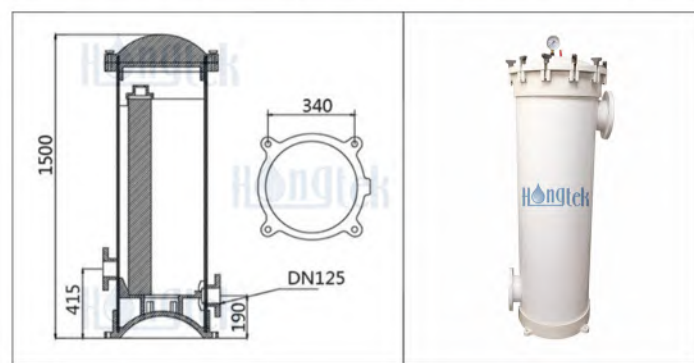
Operation Data

Operation Data for Vertical Single FRP High Flow Filter Housing

Working Temperature	5 - 66°C
Max. Pressure	1 Mpa
Liquid Flow Direction	Side in and side out
Flow Rate	4 Round of 40" length: 120m³/h
	5 Round of 40" length: 150m³/h
	6 Round of 40" length: 180m³/h
	7 Round of 40" length: 250m³/h

Tech Support

FRP Multi Cartridge Housing for 4pcs 40" High Flow Cartridges



Order Information

MRP	Filter Length	Round (No. of Filters)	Inlet/Outlet Type	Inlet/Outlet Size	O-ring Material
MRP Series FRP Multi High Flow Filter Housing	40 = 40"	4R = 4 Round	F = Flange	N100 = DN100	E = EPDM
		5R = 5 Round		N125 = DN125	B = Buna-N
		6R = 6 Round	C = Clamp	N150 = DN150	V = Viton
		7R = 7 Round		N200 = DN200	S = Silicon

For Example:

MRP-40-4R-F-N150-E

MRP Series FRP Multi High Flow Filter Housing - 40" - 4 Round - Flange - DN150 - EPDM

If need more larger flow rate, can combine FRP high flow cartridge housing, welcome to discuss and customize

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