



HRP Series

FRP Cartridge Filter Housings

Description

HRP Series Horizontal Single FRP High Flow Cartridge Housing with good corrosion resistance, it can be widely used in the area which stainless steel and carbon steel housing can not be used. The flow rate of high flow cartridge is much higher than traditional filter cartridge. Seal high flow filter cartridge, makes changing filter more convenient and easier, unique clamp and seal equipment, makes system more safety and reliable. High flow FRP cartridge housing has long working life, large flow rate, good dirty capacity and high filtration efficiency. It is widely used in RO pre-filtration, sea water desalination, food and beverage, power generation and water treatment system. The high flow solution of FRP cartridge housing can help to save much space and equipment cost, it is a very popular water filtration system.



Features

- FRP high flow cartridge housing is easy to be installed and low maintenance cost
- High flow FRP cartridge housing has larger water capacity and smaller system space
- Multi FRP high flow filter housings can be combined to meet greater water treatment capacity
- High flow FRP cartridge housing has long working life, good dirty capacity and high filtration efficiency
- The flow rate of single high flow cartridge equal to 18pcs OD 2.5" pleated cartridges and 25pcs depth filters

Specification

Housing Material	FRP(Fibre Reinforced Polymer/Plastic)
Housing Direction	Horizontal
Cartridge Length	20", 40", 60" (Special length customization is accepted)
Number of Cartridge	1 Piece
Installed Filter Type	High Flow Filter Cartridge OD 6"
Filtration Rating	1µm - 100µm
Connection	Side Port or End Port
Inlet/Outlet	DN80
Sealing Type	Locking
Seal Material	EPDM, Buna-N, Viton, Silicon

Application

- RO Pre-filtration
- Water Processing
- Power Generation
- Food and Beverage
- Sea Water Desalination
- Industrial Water Treatment

Operation Data

Operation Data for Vertical Single FRP High Flow Filter Housing

Max. Temperature	80°C
Max. Pressure	150 PSI
Connection	Side in and side out/End in end out
Flow Rate	20" length: 15m³/h
	40" length: 30m³/h
	60" length: 45m³/h

Tech Support

Combined Horizontal FRP Filter Cartridge Housing



Size of Horizontal Single FRP High Flow Cartridge Housing

Hongtek Code	Connection	Port to port distance L2(mm)	Housing Length L1(mm)	Inlet/outlet Port	Cartridge Length	Flow Rate
HRP-40-1-A-E	Side Port	1140	1400	3"(DN80)	40"	30T/H

Max. Working Pressure: 150 PSI, Max. Temperature: 80°C, Accept other size customization

Order Information

HRP	Cartridge Length	No. of Cartridge	Connection	O-ring Material
HRP Series FRP Cartridge Housing	20 = 20"	1 = 1pc	A = Side Port D = End Port	E = EPDM
	40 = 40"			B = Buna-N
	60 = 60"			V = Viton S = Silicon

For Example:

HRP-40-1-A-E

HRP Series Horizontal Single FRP High Flow Cartridge Housing - 40" - 1pc - Side Port - EPDM

More Water Treatment Capacity Can Be Combined With Multiple FRP High Flow Cartridge Housing

Hongtek Filtration Co., Ltd.

Tel: +86-752-2203959, Fax: +86-752-2203820

Web: www.hongteknfiltration.com, Email: sales@hongteknfiltration.com

Address: T21 Creative Industrial Park, No.21, Yunshan East Rd, Jiangbei, Huizhou, Guangdong, China

