



PVM Series

PVDF Plastic Multi Cartridge Filter Housing

Description



Hongtek PVM Series PVDF Plastic Multi Cartridge Filter Housing is made of PVDF for the installation of 5 round depth cartridges. PVDF multi cartridge housing is available for OD 2.5" micron filter cartridges. The cover can be removed without tools and 4 sets of SS316 eye bolts gives higher tightness. With unique one-piece molded body, without welding, no side leakage, PVDF multi cartridge housing is easy to install and maintain. PVDF plastic filter housing can deal with liquid with strong acid, strong alkali and highly corrosive, such as sulfuric acid, hydrochloric acid, sulfonic acid, plating solution, etc. PVDF filter housing also has unparalleled performance under high pressure and high temperature conditions. It would be your perfect choice for application as chemical industry, electroplating filtration industry, petrochemical and metal processing etc.

Features

- Excellent chemical compatibility, can filter strong acid, strong base and organic solvent
- PVDF plastic filter housing is made of pure PVDF, no metal parts, never rust and corroded
- It can resist on high temperature and high pressure with low pressure difference and long service life
- PVDF filter housing can be widely used in electroplating, PCB, chemical engineering, medical treatment and coating etc
- Filter can be replaced conveniently, providing high precision with wide filtering area, high efficiency, easy to operate and clean

Specification

Housing Material	PVDF (Polyvinyl Fluoride)
Housing Direction	Vertical
Filter Type	Depth Cartridge Filter
Cartridge Length	30 Inch
Number of Cartridge	5pcs
Housing Thickness	16mm
Filtration Rating	0.1µm - 200µm
Connection	Side Port
Inlet/Outlet Type	Flange
Inlet/Outlet Size	DN50, DN65, DN80
Sealing Type	Swing Bolt Cap Type
Seal Material	Viton

Application

- Oil and Gas
- Hydraulic Fluids
- Plating Solutions
- Chemical solvent
- Medical Treatment
- Semiconductor Industry
- Pharmaceutical water filtration
- Paint resin and Coating Industry
- Industrial Waste Water Treatment

Operation Data

Operation Data for PVDF Multi Cartridge Filter Housing

Max. Temperature	150°C
Max. Pressure	116psi (8bar)
Liquid Flow Direction	Side in and side out

Tech Support

Components & Drawing of PVM Series PVDF Cartridge Filter Housing

NO.	DESCRIPTION	MATERIAL	QTY (pcs)
1	Pressure Gauge	Optional	1
2	Pressure Gauge Joint	PVDF	1
3	Gauge Joint O-Ring	FKM	1
4	Ring Nut	SUS316	4
5	Spacer	SUS316	4
6	Upper Cover	PVDF	1
7	Housing O-Ring	FKM	1
8	Fixed Nut	PVDF	5
9	Pressing Mount	PVDF	1
10	Filter Element	PVDF	5
11	Screw	SUS316	4
12	Screw	SUS316	4
13	Outlet Cover	PPH	1
14	Shell	PVDF	1
15	Outlet O-Ring	FKM	2
16	Nut	PPH	8
17	Inlet O-Ring	FKM	1

Order Information

PVM	Cartridge Length	Number of Cartridge	Inlet/Outlet Size (Flange)
PVM Series PVDF Multi Cartridge Filter Housing	30 = 30 Inch	5 = 5pcs	N50 = DN50
			N65 = DN65
			N80 = DN80

For Example:

PVM-30-5-N50

PVM Series PVDF Multi Cartridge Filter Housing - 30 Inch - 5pcs - DN50

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