

PPU Series

PPH Single High Flow Filter Housing

Description



PPU Series PPH Single High Flow Filter Housing is made of Polypropylene Homopolymer (PPH) plastic integral die casting. PPH material has the advantages that stainless steel does not have. PPH high flow filter housing has the characteristics of strong corrosion resistance, acid and alkali resistance, high temperature resistance, high strength, and non-conductivity. PPH single high flow filter housing uses a single high flow series filter cartridge. The PPH single high flow filter housing can be configured as an independent unit or combined with multiple filter housings in parallel according to on-site usage scenarios, which can effectively increase the flow of produced water and save space. PPH single high flow filter housing has smooth inner and outer walls, clean surface, not easy to scale, prevent bacterial growth, easy to clean, easy to install and maintain, and cost-effective. PPH high flow filter housing are widely used in industrial seawater desalination systems, chemical industry filtration, RO pre-filtration systems, power plant water treatment, electroplating solution filtration etc..

Features

- Wide application range and long service life
- Easy to install and maintain, save labor cost, cost-effective
- Good sealing performance, no dead angle, no side leakage
- PPH high flow filter housing has Large flow and smaller installation space
- Strong corrosion resistance, acid and alkali resistance, high temperature resistance

Specification

Housing Material	PPH (Polypropylene Homopolymer)
Housing Direction	Vertical
Filter Size	High Flow Cartridge 30", 40" Length & 6" OD
Number of Filter	Single
Housing Thickness	16mm
Filtration Rating	1µm - 100µm
Connection	Side Port
Inlet/Outlet Type	Flange
Inlet/Outlet Size	DN50, DN65
Sealing Type	Screwing Cap, Swing Bolt Cap
Seal Material	Viton

Application

- RO Prefiltration
- Water Treatment
- Food and Beverage
- Medical and Chemical
- Electroplating Industry
- Sea Water Desalination
- Ultrafiltration Pretreatment
- Power Plant Water Treatment

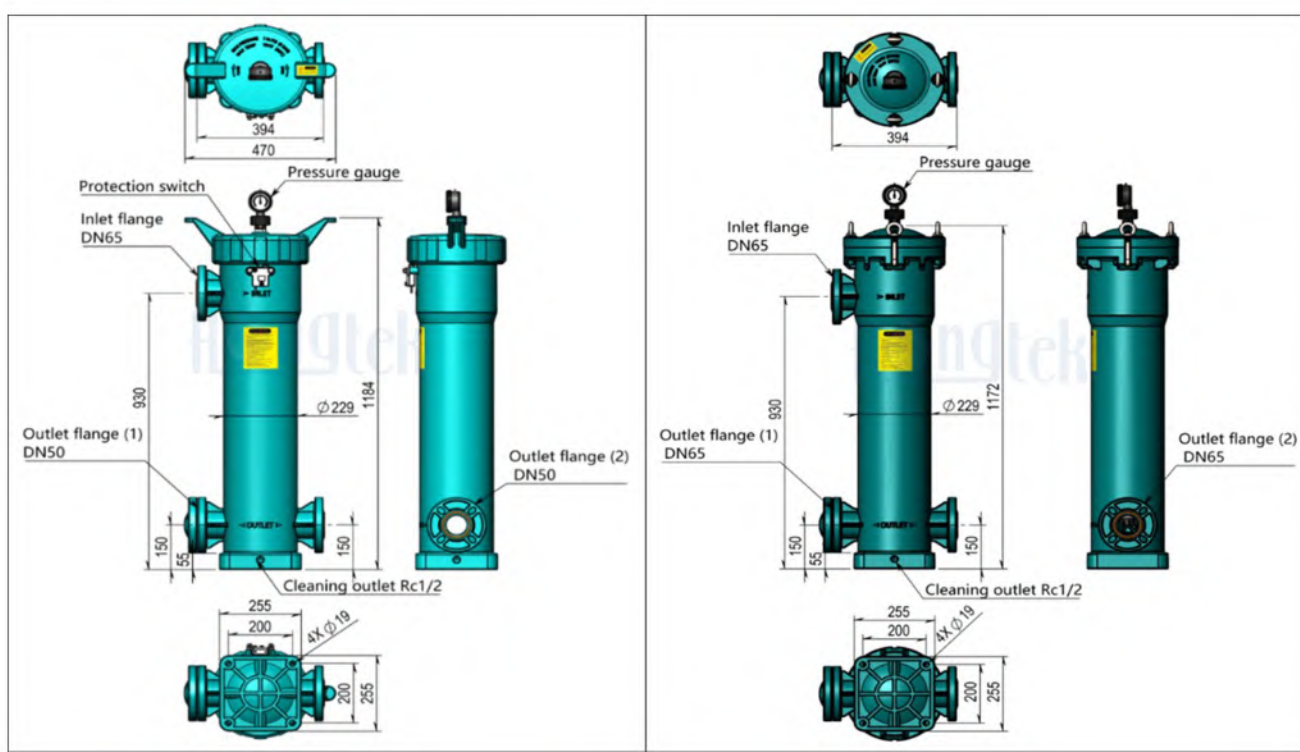
Operation Data

Operation Data for PPH Single High Flow Filter Housing

Max. Temperature	90°C
Max. Pressure	116psi (8bar)
Liquid Flow Direction	Side in and side out
Flow Rate	Single 30" High Flow Cartridge: 22.5m ³ /h Single 40" High Flow Cartridge: 30m ³ /h

Tech Support

Drawing of PPH Single High Flow Filter Housing



Order Information

PPU	Filter Length	Number of Filter	Sealing Type	Inlet/Outlet Size (Flange)
PPU Series PPH Single High Flow Filter Housing	30 = 30"	1 = 1pc	A = Screwing Cap	N50 = DN50
	40 = 40"		B = Swing Bolt Cap	N65 = DN65

For Example:

PPU-40-1-B-N65

PPU Series PPH Single High Flow Filter Housing - 40" - 1pc - Swing Bolt Cap - DN65

Please note: accept special customization and multi high flow filter housings combination

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