

# Plastic Filter Housing



- PFH series is low cost small capacity plastic filter housing for easy attachment.
- Simple, easy-to-use and robust design available with sizes 125L (5"), 250L(10") and 500L (20") depending on length of cartridge filtering media.
- Various housing materials available, high purity PP, reinforced PP, AS resin and reinforced nylon for desired applications, superior in chemical resistance, transparent for easy management, high temperature or high pressure.
- Various filtration supported by combination of cartridge filtering media.

## Specification

Model Name		PFH-PP (High Purity PP)	PFH-AP (PP)	PFH-CP (Transparent Type)	PFH-HN (High Temperature / High Pressure)
Material	Head	High purity polypropylene	Reinforced polypropylene	Reinforced polypropylene	Reinforced nylon
	Cylinder	High purity polypropylene	Reinforced polypropylene	AS resin	Reinforced nylon
	O-ring	* Refer to ordering method	* Refer to ordering method	* Refer to ordering method	* Refer to ordering method
Operating Temperature		55°C or less	55°C or less	55°C or less	70°C or less
Max. Withstanding Pressure (25°C)		0.5MPa	0.5MPa	0.5MPa	0.7MPa
Length		10"   20"	10"   20"	5"   10"	10"
Bore Diameter of Mouth		Rc3/4"	Rc3/4"	Rc1/2"   Rc3/4"	Rc3/4"
Size (mm)	Width	130	132	113   132	130
	Height	315   577	322   584	183   322	310
Weight(Main Unit)		1.1kg   1.7kg	1.2kg   1.8kg	0.7kg   1.3kg	1.5kg
Characteristic		Pure PP, semi transparent, substitute of fluorine resin	Superior in chemical resistance	Transparent cylinder	For high temperature and high pressure, alkali resistance, solvent resistance
		Acid / alkali solution, plating solution, etching solution, face lotion, medical water, highly purified water etc.	Acid / alkali solution, plating solution, industrial water, washing water etc.	Industrial water, washing water etc.	Alkali solution, soluble oil, vegetable oil etc.

(Note) 1. Figuration of end cap of filtering media to be set is DOE (Double Open End) flat gasket type.

2. Target fluids above are listed as indication. For detailed content, please contact us.

※The specification and external appearance may be changed for improvement without notice.

## How to Order

※Option (separately available.)  
Mounting Cramp

Specification    Length    Material of O-ring

# PFH - PP 10 - E - K

PP	made of high purity PP	10 or 20	10inch or 20inch	E : EPDM F : Fluoro-Rubber N : NBR S : Silicon V : Viton	K : With N : Without
AP	fully made of PP	10 or 20	10inch or 20inch		
CP	transparent type	5 or 10	5inch or 10inch		
HN	for high temperature / high pressure	10	10inch		

(Note) 5inch=125mm    10inch=250mm    20inch=500mm

※Specification is subject to change without notice.