

Rizonflow+® RFHP High Flow Filter Cartridge

Rizonflow+® RFHP High Flow Filter Cartridge is a 6-inch diameter, coreless, pleated cartridge. Its optimized design enables extended filtration area, which results in significant filter reduction, and smaller housings for high flow-rate condensate system applications.



Features & Benefits

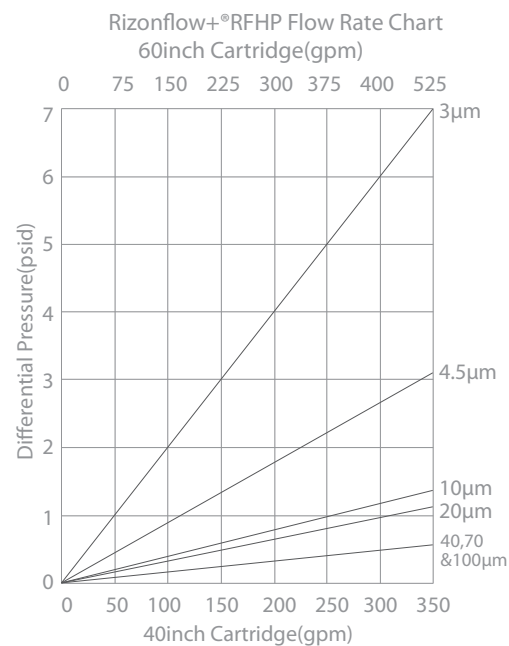
- 6" diameter, large geometry for high flow capacity
- Absolute-rated filter medium for reproducible performance
- Inside -out flow pattern design allows for excellent dirt holding capacity
- Highflow capacity reduces upfront capital cost
- FDA listed materials of construction
- Handle design results in much faster, easier filter changeout
- Available in a variety of filter lengths and grades

Application

- Power Condensate System
- Municipal Water
- Chemical
- Petrochemicals
- Electronics (RO Prefiltration, Process Water)
- Food& Beverage (process Water)
- pharmaceutical (process water)
- Waste Water

Specification

Specification	
Absolute removal rating	3, 4.5, 10, 20, 40, 70, 100µm
Diameter	
Outside Diameter	6inch / 152mm
Inner Diameter	3inch / 76mm
Length	40inch / 1016mm, 60inch / 1520mm
Surface Area	70ft ² / 6.5m ² , 105ft ² / 9.8m ²
Material of construction	
Filter Media	Polypropylene
Core Material	Polypropylene
End Cap Material	Glass Filled Polypropylene
Support layer Material	Polypropylene
Gasket/O-ring Material	EPDM
Recommended Operating Conditions	
Differential pressure	50psid@180°F / 3.4bar@82°C
Maximum Temperature	180°F / 82°C
Maximum Flowrate	300gpm / 70m ³ /hr 450gpm / 100m ³ /hr



Rizonflow+®RFHP Filtration Features		
Code	Media	Flow Factor* (psid / gpm)
RFHP-P030	Polypropylene	0.02
RFHP-P045	Polypropylene	0.009
RFHP-P100	Polypropylene	0.004
RFHP-P200	Polypropylene	0.003
RFHP-P400	Polypropylene	0.002

* Flow factor refers to filter cartridge with 40inch length

Ordering Information

RFHP	—	P	045	—	40	E
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Cartridge Designation		Media P=Polypropylene C=Cellulose	Removal Rating 030=3µm 045=4.5µm 100=10µm 200=20µm 400=40µm 700=70µm 1000=100µm		Elements Length 40 - 40inch 60 - 60inch	O-ring Material E= EPDM N=Buna-N rubber S= Silicon rubber V= Fluororubber