

RealMax® RMHM High Flow Filter Cartridge

Innovative technology is applied in RealMax® RMHM High Flow Filter Cartridge to achieve flow rates up to 300gpm per element. Absolute rating provides consistent product quality.

Using fewer elements combined with an outside-in flow path enable a reduction on the size of housing required for your application.

Manufactured under ISO9001 quality system, Rizonflow provides more cost-effective benefits from long service life.



Features & Benefits

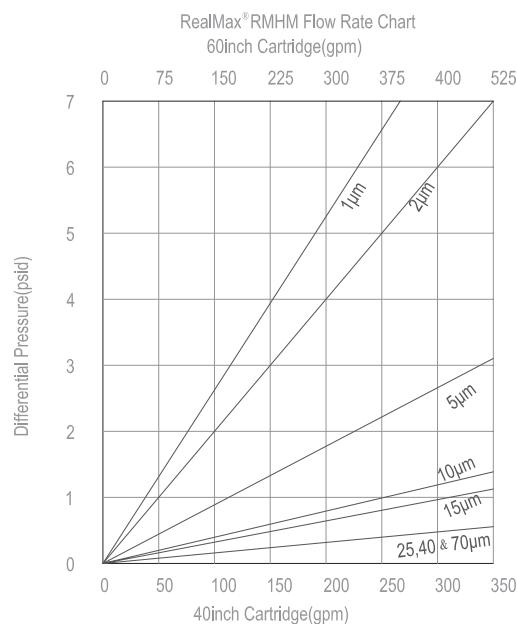
- High flow capacity of up to 300 gpm per cartridge
=>Reduced Filter Usage
- Minimize operation and labor cost
- Absolute rating
=>Reproducible effluent quality throughout the filter's life
- Pleated type design
=>Extend the usable filter surface area.
- Supporting core design
=>Enhance filter cartridge strength, easy to change
- Handle design
=>Easy cartridge installation and removal
- Safe & environmental, easy to dispose

Application

- | | |
|--------------------|-----------------------------|
| • Municipal Water | • Bioler Condensate |
| • RO Prefiltration | • Electronics Process Water |
| • Reclaimed Water | • Pharmaceutical |
| • Coolants | |

Specification

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Removal Ratings (absolute)	1,2,5,10,15,25,40,70µm
Diameter	
Outside Diameter	6inch / 152mm
Length	40inch / 1016mm, 60inch / 1524mm
Material of construction	
Filter Media	polypropylene
Core Material	polypropylene
End Cap Material	Glass Filled Polypropylene
Support layer Material	Polypropylene
Gasket/O-ring Material	Buna-N rubber
Operating Conditions	
Maximum Operating Temperature (°F/°C)	180°F / 82°C
Maximum Flow Rate	300gpm / 70m3/hr 450gpm / 100m3/hr
Maximum Forward Differential Pressure	50psid @ 68°F (3.4bar @ 20°C)



RealMax® RMHM Filter Cartridge Filtration Features		
Code	Media	Flow Factor* (Psid/gpm)
RMHM-P010	Polypropylene	0.03
RMHM-P020	Polypropylene	0.025
RMHM-P050	Polypropylene	0.009
RMHM-P100	Polypropylene	0.004
RMHM-P150	Polypropylene	0.0025
RMHM-P400	Polypropylene	0.002

*Flow Factor refers to filter cartridge with 40inch length.

Ordering Information

RMHM	—	P		050	—	40		E		P
↓		↓		↓		↓		↓		↓
Cartridge		Media		Removal Rating		Elements Length		O-ring Material		Core Material
Designation		P = Polypropylene		010=1µm		40 - 40 inch		E= EPDM		P=Polypropylene
		C = Cellulose		020=2µm		60 - 60 inch		N=Buna-N rubber		
				050=5µm				S= Silicon rubber		
				100=10µm				V= Fluororubber		
				150=15µm						
				250=25µm						
				400=40µm						
				700=70µm						