

High flow rate filter (bucket type)

DYNAMIC

Major Applications

- RO, ultrapure water pre-filter
- Feed water, condensate water, cooling water
- Chemicals

Dedicated housing



Features

- Large diameter (O.D. 150 mm) bucket type filter (inside to outside flow) for up to 60 inch total length
- Depth Pleated structure
- Polypropylene filter media, parts

Advantages

- Space-saving and high flow rate processing
- High dust collection capacity
- Filtration of a wide range of fluids
- Low extractables risk

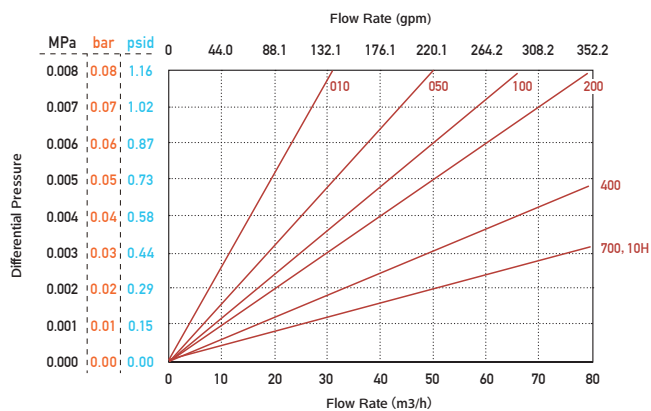
Specifications

Grades		010	050	100	200	400	700	10H
Micron Ratings (μm)		1.0	5.0	10	20	40	70	100
Materials	Media	Polypropylene						
	Core/Cage/Support	Polypropylene						
	End Cap	Polypropylene						
Maximum ΔP		0.30MPa at 20°C (43.5psi at 68°F)						
Maximum Operating Temp		70°C (158°F)						
Dimensions	Length	524/1016/1524 mm						
	O.D.	150mm						

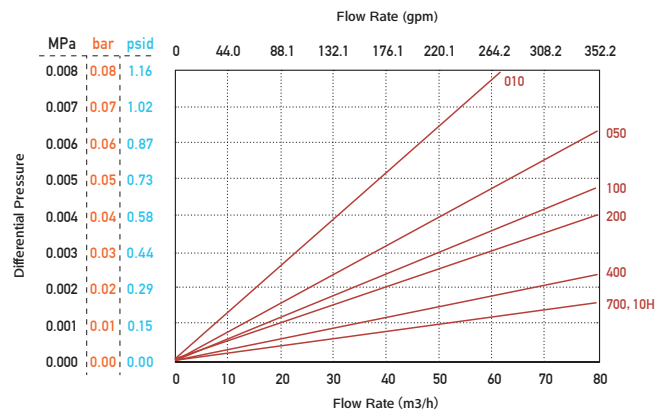
*If you need further information on specifications (length, end cap type, etc.), please contact us.

Differential Pressure vs Flow Rate

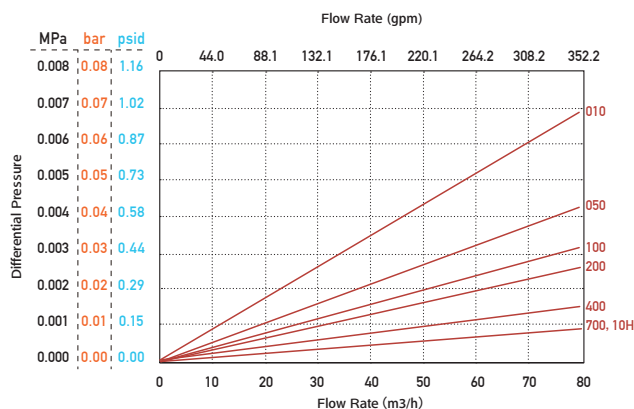
Fluid: Refined Water 20°C (68°F) / Cartridge Length: 524mm



Fluid: Refined Water 20°C (68°F) / Cartridge Length: 1016mm



Fluid: Refined Water 20°C (68°F) / Cartridge Length: 1524mm



Particle Removal Efficiency

Grades	Particle Removal Efficiency (%)						
Particle Size (μm)	010	050	100	200	400	700	10H
1.0	>99.9						
5.0		>99.9					
10			>99.9				
20				>99.8			
40					>99.9		
70						>99.0	
100							>99.0

Ordering Information

Product Type	Material	Micron Rating	Length	Sealing material	End Cap Code
H1	P	010 -	620	E	U
	P = Polypropylene	010 = 1.0 μm 050 = 5.0 μm 100 = 10 μm 200 = 20 μm 400 = 40 μm 700 = 70 μm 10H = 100 μm	620 = 524mm 640 = 1016mm 660 = 1524mm	E = EPR	U = U-cap None = O-Ring

*The contents of the catalog are subject to change without notice.

*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

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Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.

Scope
Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



6th Issue
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