

AP Series

High Flow Pleated Filter Cartridges

Description

AP Series High Flow Water Filter Cartridges are developed by Hongtek Filtration. The high flow water filter cartridges are available in 6.75" outer diameter and 40" & 60" length. The high flow filters have featured PP media, hard central core, and a proprietary o-ring seal. High flow filter cartridges possess pleated construction with an outside to inside flow that provides maximum flow rates with low pressure drop.

AP Series High Flow Filter Cartridges have 20 times more square feet of media as used in standard 10 inch pleated cartridges, which significantly increases their filter life and lead to fewer filter change-outs, thus saving cartridge costs and labor. Highly efficient high flow water filters are manufactured with absolute rated polypropylene media, achieving 99.98% (Beta 5000) efficiency at their stated micron sizes.



Features

- Wide chemical compatibility
- High capacity pleated cartridge design
- A rugged design & lower cost alternative
- Highly efficient can achieve 99.98% (Beta 5000)
- Labor-saving owing to quick change design & system floor space
- 20 times more filter media area compared to standard 10" pleated cartridge

Specification

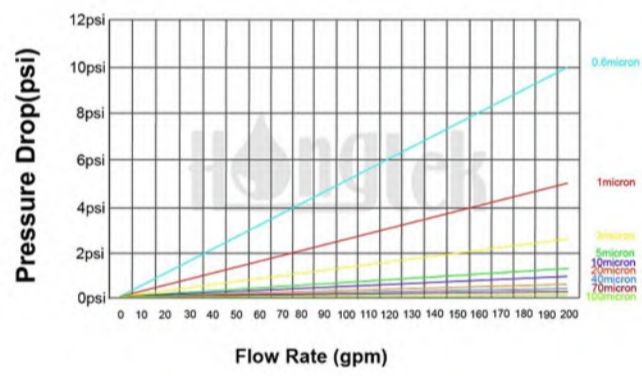
Filter Media	Polypropylene (PP)
Length	40 inch, 60 inch
Outside Diameter	6.75 inch (170m)
Filtration Rating	0.6µm, 1µm, 3µm, 5µm, 10µm, 20µm, 40µm, 70µm, 100µm
Support/Drainage	Polypropylene (PP)
End Cap Material	Glass fiber reinforced Polypropylene (PP)
Inside	Central PP core
Outside	Netting
Seal Material	EPDM, Buna-N, Viton

Application

- Ink & Chemical
- RO Pre-filtration
- Boiler Condensate
- Cosmetic & Medical
- Salt Water, Municipal Water
- Food & Beverage, Processing Water

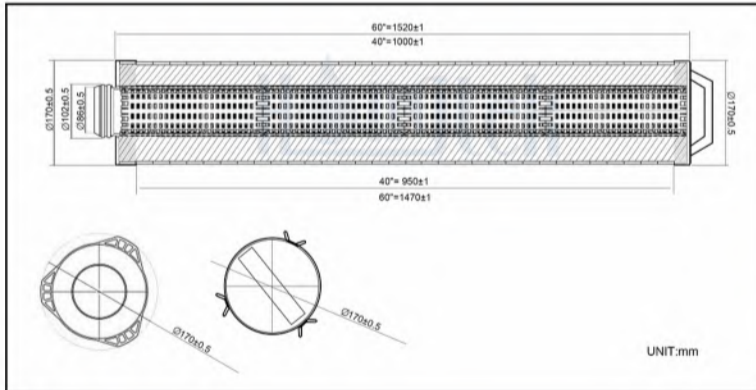
Operation Data

Maximum Temperature Rating	180°F @ 20 psid (82°C @ 1.4 bar)
Suggested Max. Flow Of Water	40inch length: 90 m³/h 60inch length: 130 m³/h
Liquid Flow Direction	Outside to inside
Typical Surface Area	7.3m² per 40" high flow filter cartridge 11m² per 60" high flow filter cartridge
Recommend Change out Differential Pressure	2.0 Bar at 20 °C



Pressure-Drop Rate for 60" High Flow Cartridges

Tech Support



Order Information

AP	Material	Length	Filtration Rating	O-ring Material	
AP Series High Flow Filter Cartridges	P = PP Pleated	40 = 40"	0.6 = 0.6µm	E = EPDM	
			1 = 1µm		
			3 = 3µm		
			5 = 5µm		
			10 = 10µm		
		60 = 60"	20 = 20µm	B = Buna-N	
			40 = 40µm		
			50 = 50µm		V = Viton
			70 = 70µm		
			100 = 100µm		

For Example:

AP-P-60-5-B

AP Series High Flow Water Filter Cartridges - PP Pleated - 60" - 5µm - Buna-N O-ring

Special specifications high flow water filter cartridges can be customized, such as special length or end caps etc.

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