



SAVANA® HF LIQUID FILTERS

High flow, pre-RO (reverse osmosis) filtration in desalination and industrial water treatment systems

Overview

Savana® HF liquid filters support high flow pre-RO (reverse osmosis) filtration in desalination and industrial water treatment systems. The pleated polypropylene (PP) media has a large filtration area that facilitates low pressure drop. The large 6-inch diameter cartridge format, available in various lengths, supports high flow rates up to 114 m³/h (500 gallons per minute [GPM]), requires fewer filter changeouts, and maintains a low cost of operation. The optimized media structure enables consistent particle removal with high dirt capacity, thereby improving performance and extending service life.

Applications

- Pre-RO filtration of sea and brackish water in desalination plants
- Industrial water treatment, reuse or municipal water
- Water treatment in oil, gas or mining industries



Features and Benefits

Features	Benefits
Pleated PP media	Has a large filtration area that facilitates low pressure drop
Large 6" diameter cartridge format available in 20", 40" and 60" lengths	Supports high flow rates up to 114 m ³ /h (500 GPM) Requires fewer filter changeouts Maintains a low cost of operation
Optimized media structure	Enables consistent particle removal with high dirt capacity Improves performance Extends service life

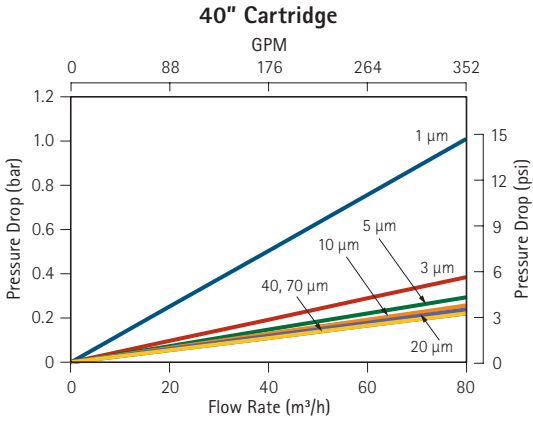
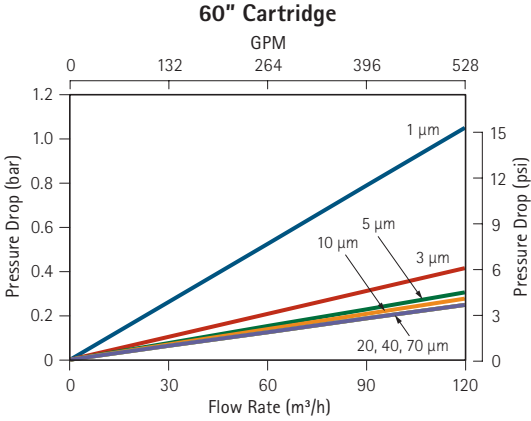
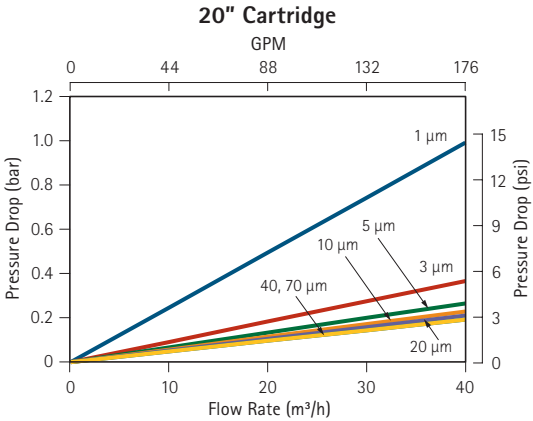
Specifications

Retention ratings:	1, 3, 5, 10, 20, 40, 70 µm	
Materials:	Media, support, sleeve, end caps	Polypropylene
	U-cup	EPDM
	O-ring (AS568-435)	E-FKM
Maximum operating conditions:	Maximum forward differential pressure	0.34 MPa @ 80°C (176°F)
	Maximum operating temperature	80°C (176°F)

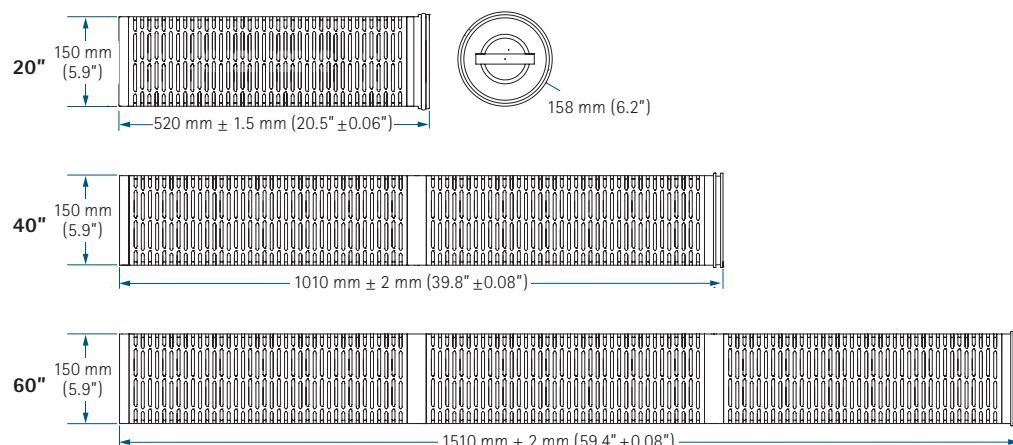
Performance Data

Flow Recommendations:

Cartridge Length	Recommended Flow m ³ /h (GPM)	Maximum Flow m ³ /h (GPM)
20"	32 (140)	40 (175)
40"	64 (282)	80 (350)
60"	91 (400)	114 (500)



Dimensions

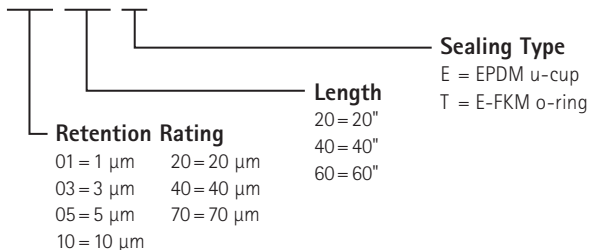


Ordering Information

Savana HF High Flow Filters

Part Number

SVHF



For More Information

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