

Metal Pleated Filter Cartridge

CRPM Series

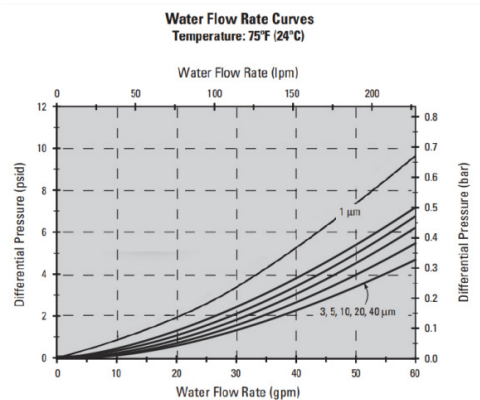
CRPM series metal pleated cartridge filter is pleated by special stainless steel wire mesh. The pleated process enables the filter cartridge to have a large filtration area, high dirt holding capacity and high flow rate. Each seal adopts the argon arc welding process without leakage. Under the high temperature and high pressure filtration environment, the stainless steel filter cartridge has excellent performance, and the filter cartridge can be repeatedly cleaned.



Technical Parameters

Materials of Construction	Removal Rating	1 µm, 3 µm, 5 µm, 10 µm, 20 µm, 40µm
	Length	10", 20", 30", 40"
	Filter Membrane	Stainless Steel Wire Mesh
	Cage/End Cap/Core	Stainless Steel
	O-rings	See filter cartridge selection table
Operating Conditions	Maximum Operating Temperature	200 C
	Maximum Differential Pressure	5 bar

Typical Liquid Flow Rates



Typical Applications

- Filtration of steam
- Filtration of oxidizing liquid
- Filtration of high viscosity liquid
- Filtration of liquid and gases under high temperature and high pressure condition
- Decarbonization filtration of material liquid
- Filtration of strong acid and alkali liquid

Features

- Pore distribution, good permeability
- Metal material has higher mechanical strength
- No media shedding
- Wide temperature range that can be used
- Strong corrosion resistance, not easy to damage
- Washable and long service life

Ordering Information

	Material	Length	Removal Rating	End Cap	Seal Material
CRPM	4=304 Stainless Steel	005 = 5"	100 = 1µm	2=222/Flat	S=Silicone
	6=316L Stainless Steel	010 = 10"	300 = 3µm	3=222/Fin	E=EPDM
		020 = 20"	500 = 5µm	6=226/Fin	F=Fluorine
		030 = 30"	H10 = 10µm	7=226/Flat	N=Nitrile Rubber
		040 = 40"	H20 = 20µm		
			H40 = 40µm		