Horizontal Pleated Filter Cartridge
for 3M 740B,7000 and 720 Replacement

Horizontal pleated has maximum filtration area. It gets longer service life an higher flow rate than the vertical pleated filter cartridge.

BENEFITS

- High dirt holding capacity, longer service life
- Less cartridge change out to save the labor cost
- O-ring design avoids bypass to ensure the filtration efficiency
- Easy handing results in less manpower

APPLICATIONS

- Municipal water
- Food and beverage
- General industrial
- Power plant water treatment

MATERIALS OF CONSTRUCTION

Outside Diameter
6.5 inch(165mm)

Filter Media
Polypropylene

Support/Drainage
Polypropylene (PP)

End Cap Material
Glass Fiber reinforced PP

CONFIGURATIONS

Removal Rating (μm)

0.5	1	3	5	10	20	50
70	100					

Length (")

40	60

Seal Material

E = EPDM	B = NBR	F = E-FKM
V = Viton	S = Silicone	

SPECIFICATION

Maximum Operating Temperature
80°C

Maximum Operation Differential Pressure
3.0 Bar , 80°C

Recommended Change out Differential Pressure
2.4 Bar @ 20°C

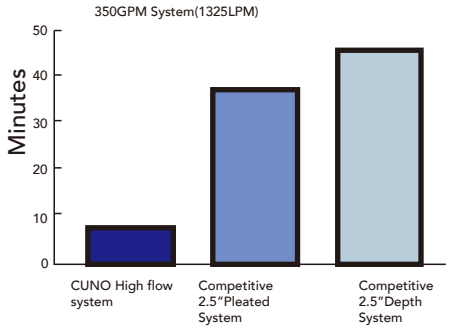
FILTER COMPARISON

1. High Flow System requires 90% fewer cartridges as competitive 2.5" cartridge systems for a given flow rate.
2. High Flow Housings are 33% to 50% smaller than competitively sized housings for a given flow rate.
3. Fewer filters and a user-friendly housing design means faster change-outs than competitively sized systems.

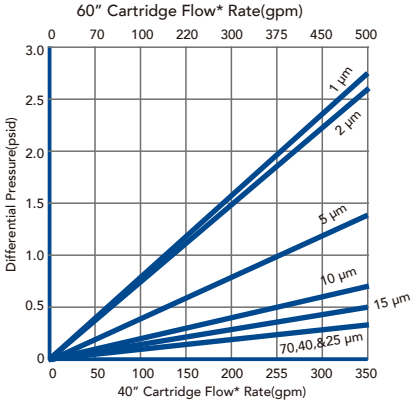
* Comparison assumes fluid viscosity of 1 cp

1 HF cartridge filter In a 8.6" diameter housing
18 standard diameter 2.5" pleated filter in a 16" housing

Typical time/labor for change out



Typical Cartridge Flow Rates



ORDERING CODE

Example : HM3MC-5-40-S-A

	Removal Rating	Length	Seal Material	End Cap Type
HM3MC	**0.5** = 0.5μm **1** = 1μm **3** = 3μm **5** = 5μm **10** = 10μm **25** = 25μm **50** = 50μm **70** = 70μm **100** = 100μm	**20** = 20" **40** = 40" **60** = 60"	**S** = Silicone **B** = Buna **E** = EPDM **V** = Viton **F** = E-FKM	**A** = Code A **B** = Code B