

High Flow Capacity Filter Cartridge

“LOFPLEAT-HF from Eaton can be used in a variety of applications where high flow capacity is required including food & beverage, chemical and water systems”

LOFPLEAT-HF cartridges are designed with pleated media construction to provide high total surface area. A single LPHF cartridge can replace several standard cartridge elements. High-flow capacity in a single cartridge leads to quicker and easier change-outs. Unlike standard design cartridges, the flow is inside out. The result is higher debris holding capacity.

Features and Benefits

- Higher flow capacity reduces required number of cartridges
- Lower initial costs with smaller vessel
- Less labor required for changeouts

- Available with absolute rated media at 1, 5, 10, 20 and 40 micron retention levels
- Inside-out flow for greater dirt holding capacity
- Capable of flow rates up to 500 GPM in a single 60" length
- Can be retrofitted in most competitive high-flow housings

Filter Specifications

Media/support/cage
Polypropylene

End caps
Glass-filled ABS

Gaskets/O-Rings
EPDM

Micron ratings
1, 5, 10, 20, 40 µm

Dimensions / Parameters

Nominal lengths
20", 40", 60"
(50.8, 101.6 152.4cm)

Outside diameter
6" (15.24 cm)

Max. operating temp.
77°F @ 50 psid (25°C @ 3.44 bar)
160°F @ 30 psid (71°C @ 2.06 bar)

Recommended differential pressure for change-out
35 psid (2.43 bar)



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Flow Rates

20" length

175 USGPM (666 LPM)

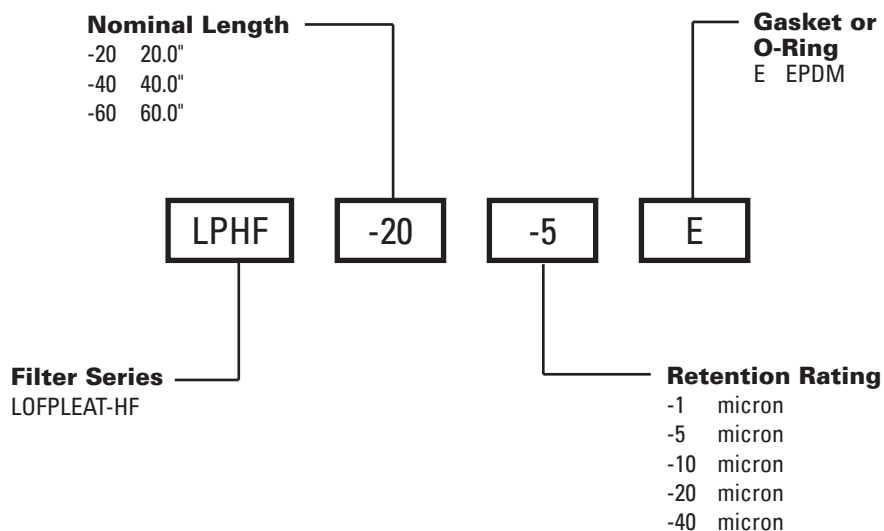
40" length

350 USGPM (1324 LPM)

60" length

500 USGPM (1892 LPM)

Filter Specification Code



Notes:

Flow rates are based on water or water like viscosity service. For applications with higher viscosities, please consult the factory.

Please consult the factory with any questions on chemical compatibility.

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