



## LOFPLEAT™ HF high flow filter cartridges

Eaton's LOFPLEAT HF filter cartridges can be used in a variety of applications where high flow capacity is required including chemical and water systems.

LOFPLEAT HF filter cartridges are designed with pleated polypropylene construction to provide a high total surface area. A single LPHF cartridge can replace several standard cartridge elements. Change-outs are quick and easy. Unlike standard design cartridges, the flow is inside out. The result is higher dirt-holding capacity.

### Features and benefits

- Higher flow capacity reduces required number of cartridges
- Lower initial costs with smaller filter housings
- Less labor required for change-outs
- Available with absolute rated filter material at 1, 5, 10, 20 µm retention ratings
- Inside-out flow for greater dirt-holding capacity

- Capable of flow rates up to 500 GMP (1892.5 l/min) in a single 60" length
- Can be retrofitted in most competitive high-flow housings
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact

### Design

**Filter material**  
Polypropylene

**Cage, end caps**  
Polypropylene

**Gaskets/O-rings**  
EPDM (standard),  
Fluorelastomer

**Retention ratings**  
1, 5, 10, 20 µm  
@ 99.9% efficiency

### Technical data

**Nominal lengths**  
20", 40", 60" (508, 1016, 1524 mm)

**Outside diameter**  
6" (1524 mm)

**Surface area**  
25.8 ft<sup>2</sup> (2.4 m<sup>2</sup>) per 20" element

**Max. operating temperature**  
176 °F (80 °C)

**Max. differential pressures**  
43 psid @ 70 °F (3.0 bar @ 21 °C)

**Recommended differential change-out pressure for disposal**  
29 psid (2.0 bar)

**Max. flow rates**  
20" element: 175 USGPM ( 662 l/min)  
40" element: 350 USGPM (1325 l/min)  
60" element: 500 USGPM (1892 l/min)

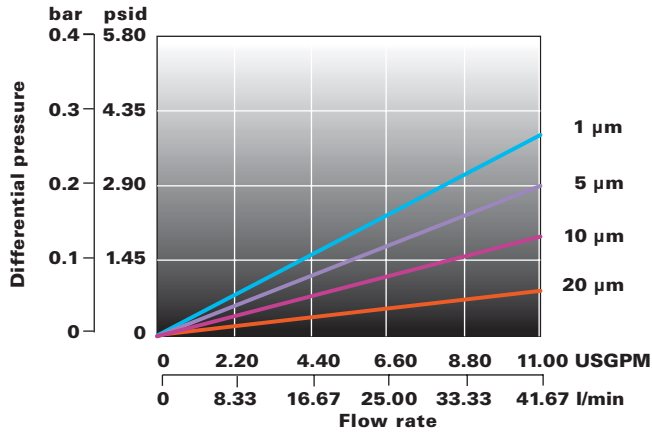


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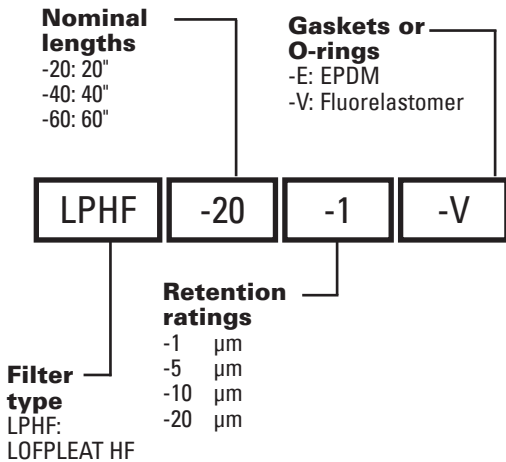
## Flow rate\*

(68°F/20°C per 40" filter cartridge for water)



\* For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

## Ordering code



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