



## 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 1892.5l/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)

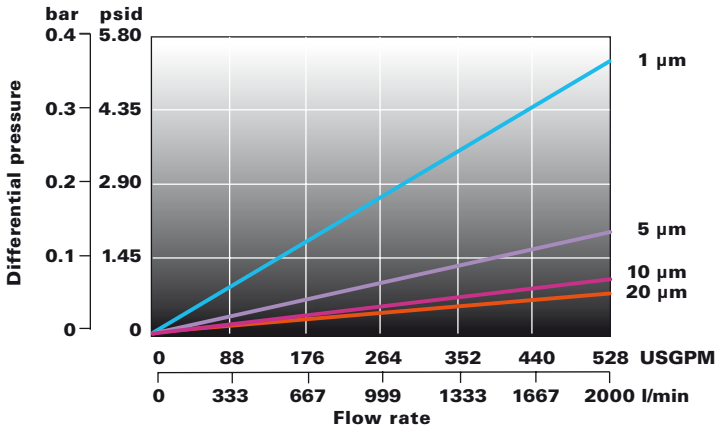


Powering Business Worldwide

# LOFPLEAT HF high flow filter cartridges

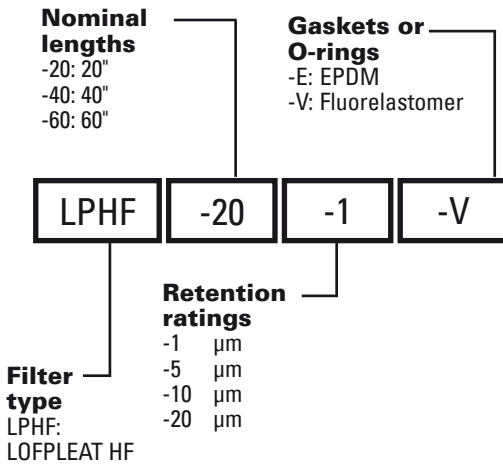
## Flow rate\*

(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



**North America**  
44 Apple Street  
Tinton Falls, NJ 07724  
Toll Free: 800 656-3344  
(North America only)  
Tel: +1 732 212-4700

**China**  
No. 3, Lane 280,  
Linhong Road  
Changning District, 200335  
Shanghai, P.R. China  
Tel: +86 21 5200-0099

**Europe/Africa/Middle East**  
Auf der Heide 2  
53947 Nettersheim, Germany  
Tel: +49 2486 809-0

**Singapore**  
100G Pasir Panjang Road #07-08  
Singapore 118523  
Tel: +65 6825-1668

Friedensstraße 41  
68804 Altlußheim, Germany  
Tel: +49 6205 2094-0  
An den Nahewiesen 24  
55450 Langenlonsheim, Germany  
Tel: +49 6704 204-0

**Brazil**  
Rua Clark, 2061 - Macuco  
13279-400 - Valinhos, Brazil  
Tel: +55 11 3616-8400

For more information, please email us at [filtration@eaton.com](mailto:filtration@eaton.com) or visit [www.eaton.com/filtration](http://www.eaton.com/filtration)

© 2018 Eaton. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. All information and recommendations appearing in this brochure concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Eaton as to the effects of such use or the results to be obtained. Eaton assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

EN  
EF-LPHF  
05-2018