## HFH2-19



# High flow multi cartridge filter housing HFH2-19

amafilter – LFC Lochem (Filtration Group Process Systems) has for high flow processes the HFH, multi high flow cartridge filter housing. HFH is designed specifically with a high throughputs whilst occupying a minor "footprint" area. HFH filter housings can be used in both the horizontal and vertical orientation depending on the availability of space. The in-line horizontally mounted housing minimizes pressure drop and is more accessible.

#### Features

- High-flow multi cartridge filter housing
- Designed specifically to complement the amaGuard HF-PP cartridge
- All components are stainless steel
- The cover is opened using a davit arm as a standard construction
- Inside to outside flow minimizes the possibility of contamination during cartridge change-out
- The standard model is horizontal position. Vertical configuration is available on-request
- Guide tubes included for multi-cartridge housings
- Fewer filter elements to change-out
- · Eyebolt design option allows for quick and easy change-out

#### Filter cartridge

Filtration Group supplies a wide range of filter cartridges in different materials, pore sizes, dimensions and models to fit in our housings as well as those of other manufacturers. For detailed information about our filter cartridges, please visit our website <u>www.ama-lfc.com</u>.



### 🕑 www.ama-lfc.com





#### **Typical application**

Filtration of water

#### **Standard Specification**

- Design: ASME
- PED 2014/68/EU: article 4 paragraph 3 (other codes on-request)
- Maximum vapor pressure: < 0.5 bar(g)</li>
- Maximum (operating) pressure: 10 bar at 25 °C
- Maximum (operating) temperature: 90 °C
- Operating temperature: depending on the filter media and gaskets used
- Maximum operating differential pressure: 2.1 bar
- Configuration: standard model is horizontal
- Inlet/outlet with flange style
- Filter housings is equipped with legs
- Filter housing material: stainless steel 316 or stainless steel 304
- O-ring material: standard EPDM, other materials onrequest such as FPM, silicone and PTFE encapsulated FPM

#### **Customized requirements**

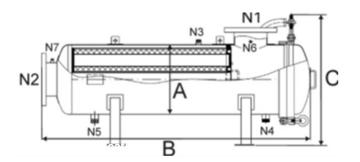
We understand that our customer's facing complex processes and environmental requirements. There where a standard filter housing could not be sufficient, our engineers are able to design a custom made filtration solution.

For further information please contact us at www.ama-lfc.com





Filtration Group BV – amafilter – LFC Lochem Hanzeweg 21, 7241 CS Lochem Postbus 35, 7240 AA Lochem The Netherlands [KvK] 37048847 [t] +31 57 329 77 77 [e] info@filtration.group [i] www.ama-lfc.com



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Туре	A Diameter [mm]	B [40" length] [mm]	C [mm]	N1 + N2
HFH2	406	1666	797	DN100
HFH3	456	1730	852	DN125
HFH4	508	1821	898	DN150
HFH5	558	1881	951	DN150
HFH7	610	1996	1001	DN200
HFH9	710	2044	1101	DN200
HFH12	812	2102	1207	DN250
HFH15	916	2247	1357	DN300
HFH17	966	2284	1409	DN300
HFH19	1016	2326	1459	DN350

Space required for changing cartridges is length B plus cartridge length.

N2	Outlet			
N3	Vent			
N4	Dirt dra	ain		
N5	Clean	Clean drain		
N6	Pressu	Pressure gauge (dirt side)		
N7	Pressu	Pressure gauge (clean side)		
Orderin informa	ation	1 2345		
Exar	nple:	HFH4-60-S-8F		
1 Туре	•	= HFH		
	ber of idges	= 2, 3, 4, 5, 7, 9, 12, 15, 17, 19		
2 Cont	ridao lor	acth		

Cartrid	lge l	length	

Inlet

4	= 40" (HFH2-9)
6	= 60"

#### 4 Material

A	= stainless steel 304
S :	= stainless steel 316

#### 5 Inlet/outlet

6F	= DN150 (HFH 2)
8F	= DN200 (HFH3, 4)
10F	= DN250 (HFH5)
12F	= DN300 (HFH7)
14F	= DN350 (HFH9)
16F	= DN400 (HFH12)
18F	= DN450 (HFH15, 17)
20F	= DN500 (HFH19)

\* Dimensions are for reference only. Use dimensional drawing for installation purposes. Subject to technical alteration without prior notice.

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