Filtration Group®
Process Systems

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 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)
- 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 on-request 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.

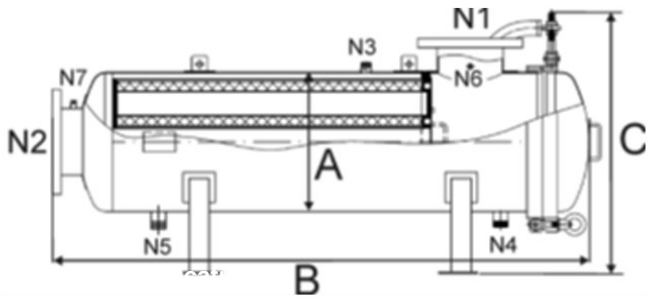
For further information please contact us at www.ama-lfc.com

→ www.ama-lfc.com

amafilter® Filtration Group®

LFC Lochem® Filtration Group®

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



N1	Inlet
N2	Outlet
N3	Vent
N4	Dirt drain
N5	Clean drain
N6	Pressure gauge (dirt side)
N7	Pressure gauge (clean side)

Ordering information

	1	2	3	4	5
Example:	HFH4	-	60	-	S-8F

1 Type = HFH

2 Number of cartridges = 2, 3, 4, 5, 7, 9, 12, 15, 17, 19

3 Cartridge length

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*

Type	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.

SBR20181023

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