



Water



Desalination



Chemicals



Electronics



Oil/Gas



Air/Gas



Inks/Paints/ Coatings



Power



Coolants



Pulp & Paper

HFH SERIES

High Flow Cartridge Filter Housings

Horizontal

- Multi-purpose industrial ASME "U" & "UM" code housings.
- Accepts multiple 40" & 60" High Flow cartridges.
- 150psig (10.3bar) @ 250°F(121.1°C) design pressure.
- Vessels available in carbon or stainless steel 304 or 316.
- Also available in LDX2101, C276, AL6XN, RA2205 & Monel 400.
- Swing bolt closure allows for quick element change out.
- Vessels will accept industry standard elements from:
 - 3M

For pricing or to order, please contact



204 North Link Lane #7
Fort Collins, CO 80524
Office 970-204-4758
Fax 970-204-4764

brandon@industrialfiltersource.com

HFH SERIES

Horizontal
High Flow Filter Housing
ASME Design/Industrial Design

Housing Specifications

Inlet/Outlet
3"Flange -24"Flange

Dirty Drain
2"NPT

Clean Drain
2"NPT

Vent
1/2"NPT

Gauges
1/2" NPT

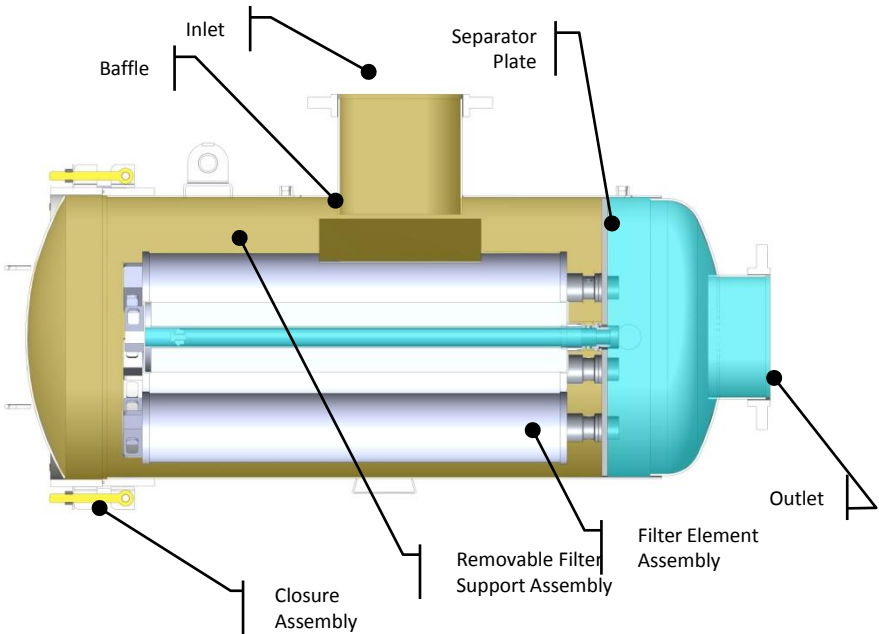
Certifications

U
UM
CE
NB
CRN

MODEL FLOW RATES

MODEL	# OF FILTERS	FLOW RATE-GPM	MAX INLET/OUTLET (IN)
HFH08	1	175	4
HFH14	2	350	4
HFH16	3	525	6
HFH18	4	700	6
HFH20	6	1050	8
HFH24	7	1225	10
HFH26	8	1400	12
HFH28	11	1925	12
HFH30	12	2100	12
HFH32	14	2450	14
HFH34	16	2800	14
HFH36	19	3325	16
HFH38	19	3325	16
HFH40	23	4025	16
HFH42	25	4375	18
HFH44	29	5075	18
HFH46	31	5425	20
HFH48	35	6125	22
HFH50	37	6475	24

For maximum efficiency/product life, the flow rates are based on water at 175gpm/40". Actual Flow rate is dependent on fluid viscosity, cartridge micron rating, contaminant and type of media.



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MATERIAL OF CONSTRUCTION	MAX. OPERATING PRESSURE (PSI @250°F)	MAX. DESIGN TEMP
CARBON STEEL	150 psi (10.3bar)	300°F (150°C)
304 STAINLESS STEEL	150 psi (10.3bar)	300°F (150°C)
316 STAINLESS STEEL	150 psi (10.3bar)	300°F (150°C)

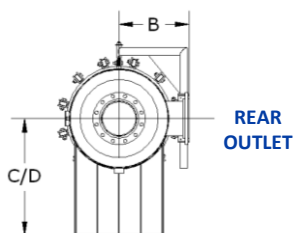
MODEL DIMENSIONAL DETAILS

MODEL	SHIPPING WEIGHT (LBS)	A	B	C	D	E
HFH08	230	8 1/8"	6"	24"	24"	54"
HFH14	400	14 1/8"	12"	36"	36"	58"
HFH16	600	16 1/8"	14"	36"	36"	78"
HFH18	800	18 1/8"	15"	36"	36"	80"
HFH20	1000	20 1/8"	16"	36"	36"	82"
HFH24	1400	24 1/8"	17"	36"	36"	86"
HFH26	1600	26 1/8"	18"	36"	36"	87"
HFH28	1800	28 1/8"	20"	36"	36"	88"
HFH30	2000	30 1/8"	21"	36"	36"	89"
HFH32	2400	32 1/8"	22"	36"	36"	89"
HFH34	2800	34 1/8"	22"	36"	36"	89"
HFH36	3000	36 1/8"	24"	36"	36"	92"
HFH38	3400	38 1/8"	26"	36"	36"	93"
HFH40	3800	40 1/8"	27"	36"	36"	94"
HFH42	4200	42 1/8"	29"	36"	36"	95"
HFH44	4600	44 1/8"	29"	36"	36"	100"
HFH46	5200	46 1/8"	29"	36"	36"	102"
HFH48	5600	48 1/8"	29"	36"	36"	104"
HFH50	6000	50 1/8"	32"	36"	36"	106"

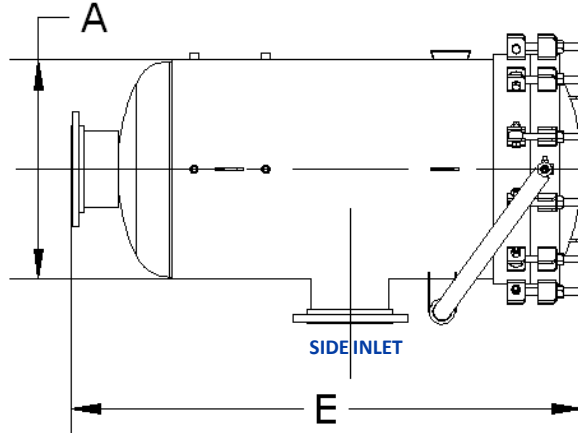
*Above dimensions are for 40" Element, Style C. For other options contact factory. **For 20 & 60in element dimensions, refer to the chart below. ***Given dimensions are approximate only, for true dimensions contact factory.

REFERENCE CHART LEGEND

A	OUTSIDE DIAMETER
B	FACE TO CENTER
C	FLOOR TO OUTLET
D	FLOOR TO INLET
E	O/A HEIGHT



STYLE C



PRODUCT NOMENCLATURE

S6	HFH	16	3	40	6F	A	-	-
MATERIAL	MODEL	HOUSING DIAMETER SEE TABLE	# OF CARTRIDGES SEE TABLE	LENGTH	CONNECTION TYPE SEE TABLE	CONFIGURATION	FILTER CONFIG SEE SIDE PANEL FOR OPTIONS	O-RING
(-) CARBON	HFH ASME CODE			40		C SIDE IN/BOTTOM OUT		
S4	EHFH			60		E TOP ENTRY/BACK OUT		
SS304	NON ASME							
S6								
SS316								

NOTE: The HFH series in an ASME code stamped housing. This vessel is also available in an industrial non-code design.

For non-code, add the prefix "E" to the HFH in the part number.

Configuration Options

C – Side in/Bottom out
E – Top Entry/Back Out

Finish Options

(-) – External paint "National Blue"
(Standard for carbon steel housings)
(-) – Bead Blast (standard for stainless steel 304 and 316)
EP1 – Electro polish Inside/Outside
EP2 – Inside only
EP3 – Outside only
PP – Passivation

O-Ring Options

(-) – Buna-N (standard)
ED – EPDM
VI – Viton
SI – Silicone
TF – Teflon

Closure Assembly Options

(-) K1 – Head lift (standard)
K2 – Hinge

Accessories

Direct Reading Gauge
DP Gauge
Safety Relief Valves
Vent Valves
Drain Valves
Air Eliminator

Other Options

Stainless Steel bolting
Passivation
Electropolished, Inside/Out
Skid Mounting
Duplexing

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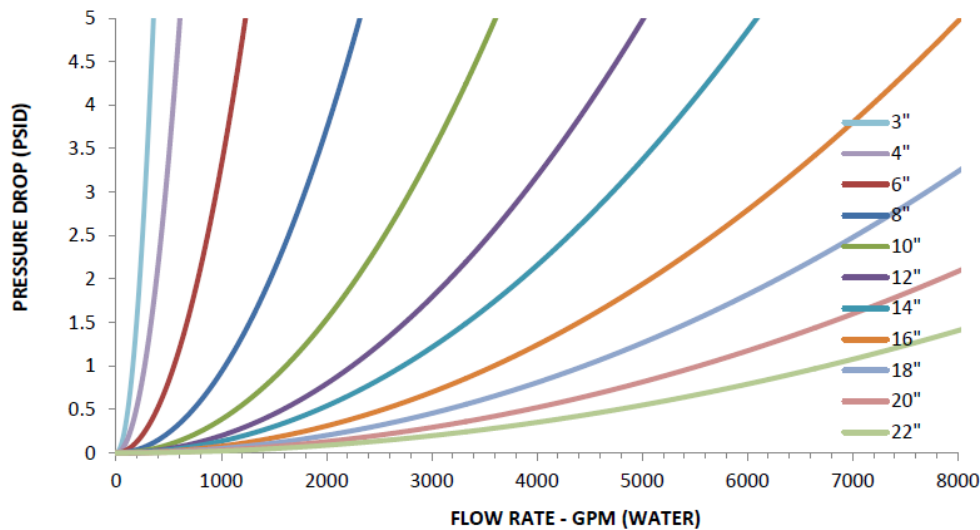
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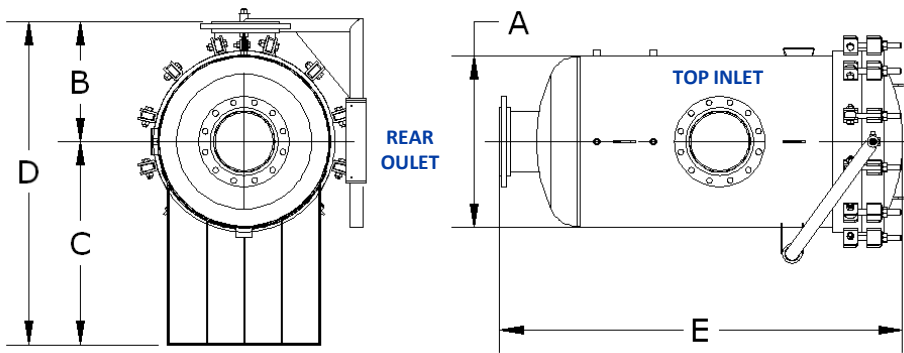
FLOW CHART



ADDITIONAL MODEL CONFIGURATIONS

STYLE E

Top entry/Back out



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