

H-HF150 SERIES HIGH-FLOW INDUSTRIAL FILTER HOUSINGS

Filter housings for filtration in high-flow applications for all industries

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FILTER HOUSINGS FOR HIGH-FLOW FILTRATION

Cobetter H-HF150 Series Industrial Filter Housings are designed for use with HF150 Series Filter Cartridges and are mainly used for large fluid (liquid/water) flow rate applications, especially in water treatment, beverages, fine chemicals, pharmaceutical, and other industrial applications.

Designed for large flow rates, this filter housing requires a small area for installation. It is cost efficient and easy to operate when compared to traditional filter housings and is available in 304 or 316L stainless steel, which ensures strong corrosion resistance for a wide range of applications.

In addition, the H-HF150 is available in both horizontal and vertical configurations. Normally, a vertical configuration is composed of 10 round 40" filters. For flow rates over 1000 m³/h (4400 gpm), we recommend choosing a horizontal configuration with 60" HF150 filter cartridges as it satisfies large flow rate applications and is relatively easy to change.

FEATURE	BENEFIT
High flow, efficient footprint	Provides high flow in space-saving configurations
Quality surface finishing	With an internal Ra of 0.6 µm (24 µin.) and external Ra of 0.8 µm (32 µin), the sanitary surface finish prevents entrapment or build-up of contaminants.
Vent and drain options	Available with vent and drain options to allow easy clean and thorough drainage.

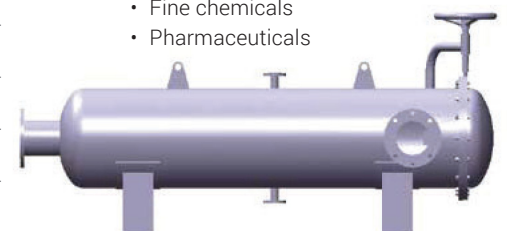
SPECIFICATIONS

Surface finish	Polish Type: Mirror Finish; Outer sand blast Surface Option: Internal Ra: 0.6 µm (24 µin.) External Ra: 0.8µm (32 µin.)
Housing body, Vent/Drain	304; 316L
Screw bolt and Leg	304
O-ring/gaskets	Silicone, FKM, EPDM
Max. operating pressure	Design Pressure X: 0.6 MPa (6 bar, 87 psi) Design Pressure Y: 1.0 MPa (10 bar, 145 psi)
Max. operating temperature	90°C (194°F) / Design temperature: 140°C
Body connection	Swing Bolt or C-Clamp
Inlet/Outlet	Flange
Vent	G1/2", other options available
Drain	G1", other options available
Pressure gauge	M14 * 1.5 thread, other options available

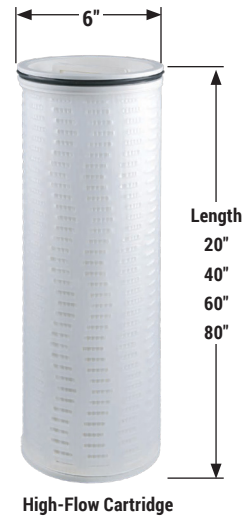
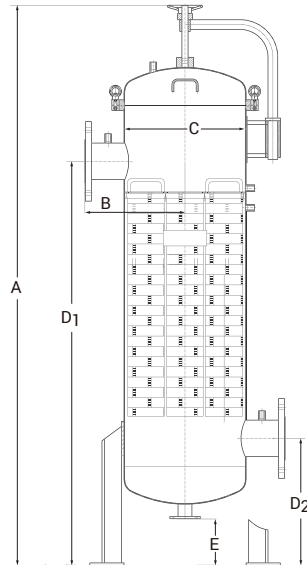


Typical Applications

- Process Cooling Water
- Pre-filtration
- Clarification
- Beverages
- Drinking water
- Fine chemicals
- Pharmaceuticals



DIMENSIONS



	1 round		3 round		4 round		5 round		6 round		7 round	
	40"	60"	40"	60"	40"	60"	40"	60"	40"	60"	40"	60"
A	1555 mm (461.2")	2055 mm (80.9")	2170 mm (85.4")	2670 mm (105.1")	2200 mm (86.6")	2700 mm (106.3")	2580 mm (101.6")	3080 mm (121.6")	2600 mm (102.4")	3100 mm (122.1")	2600 mm (102.4")	3100 mm (122.1")
B	250 mm (9.8")		380 mm (15.0")		400 mm (15.8")		410 mm (16.1")		455 mm (17.9")		455 mm (17.9")	
C	219 mm (8.6")		400 mm (15.8")		450 mm (17.7")		550 mm (21.7")		550 mm (21.7")		550 mm (21.7")	
D1	1355 mm (53.4")	1855 mm (73.0")	1655 mm (65.2")	2155 mm (84.9")	2175 mm (85.6")	2675 mm (105.3")	1840 mm (72.4")	2340 mm (92.1")	1860 mm (73.2")	2360 mm (92.9")	1860 mm (73.2")	2360 mm (92.9")
D2	335 mm (13.2")		405 mm (16.0")		420 mm (16.5")		550 mm (21.7")		570 mm (22.4")		570 mm (22.4")	
E	150 mm (5.9")		150 mm (5.9")		200 mm (7.9")		200 mm (7.9")		200 mm (7.9")		200 mm (7.9")	

ORDERING INFORMATION

EXAMPLE: **H-HF1500640SHF150DF80EAXC** = 6 round, 40", 316L, HF150 filters configuration, Swing Bolt, 3" Flange I/O, EPDM seals, mirror polished, 87 psi, chemical applications

H-HF150

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Number of Filters		Material	H	Housing Connection		Seal Material		Configuration		Application
01 = 1 round 02 = 2 round 03 = 3 round 04 = 4 round 05 = 5 round 06 = 6 round 07 = 7 round		F = 304 S = 316L		D = Swing Bolt C = C-Clamp		S = Silicone E = EPDM V = FKM		V = Vertical H = Horizontal		P = Pharmaceutical F = Food and Beverage C = Chemical
	Filter Length		Cartridge Configuration					Surface Finish		Design Pressure
	20 = 20" 40 = 40" 60 = 60" 80 = 80"		H = HF150					A = Mirror Polish C = Internal Mirror Finish Outer Sand Blast		X = 0.6 MPa (87 psi) Y = 1.0 MPa (145 psi)
					Inlet/Outlet*					
					F80 = 3" 150# ANSI Flange (DN80) F125 = 5" 150# ANSI Flange (DN125) F150 = 6" 150# ANSI Flange (DN150) F200 = 8" 150# ANSI Flange (DN200) F250 = 10" 150# ANSI Flange (DN250)					



*Custom housings and fittings available

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