

3, 4, 7 & 12 HF & UHF Series

High Flow Multi-Cartridge Housings



- High Flow Multi-Cartridge Housings are designed for industrial and commercial high flow filtration requirements. Reduced filter costs and maintenance requirements provide an exceptional value.
- ASME "U" code design housings for commercial and industrial filtration needs
- Heavy-duty 304L or 316L stainless steel construction for maximum durability and corrosion resistance
- Available in 3, 4, 7 and 12-round configurations
- Offered in 40" and 60" length designs
- Swing Bolt closure for quick and easy cartridge change-outs
- Holds multiple High Flow Series elements for fast and simple push / pull installation
- Inside-out flow retains contaminant during change out
- Heavy-duty stainless steel mounting leg assembly
- Available in horizontal and vertical designs
- Gauge ports standard

Applications

Water	Desalination
Pre RO Systems	Food & Beverage
Chemicals	Coolants
Electronics	Power
Oil and Gas	Pulp and Paper
Sea Water: 134W or 135 coating required.	

Specifications & Operating Parameters

Maximum Operating Pressure

150 psig (10.3 bar) @ 300°F (149°C)

Connections

Inlet/Outlet: 3" through 12" Flanges

See ordering guide for Max flange size

Optional: NPT, TC, BSP, DIN consult with factory

Finish

Glass Bead on exterior surfaces

*Optional: Poly-coat, Electro-polish, Passivate,
134W (NSF 61) or 135 coating*

Gaskets

Standard: Buna N (Standard)

Optional: EPR, Silicone or Viton

Materials of Construction

Head and Shell: 304L or 316L Stainless Steel

Connections: 304L or 316L Stainless Steel

Vent and Drain Plugs: 304L or 316L Stainless Steel

Swing Bolt Hardware: Zinc Plated Steel

Cartridge Type

HFC – High Flow cartridge, 6" Dia nom x 40" or 60" lengths

Heavy-duty exterior hard cage. See HFC data sheet for cartridge selection.

Custom Options

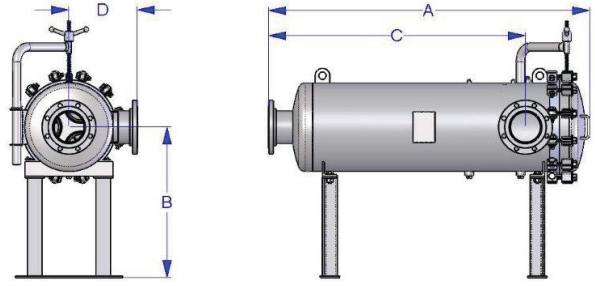
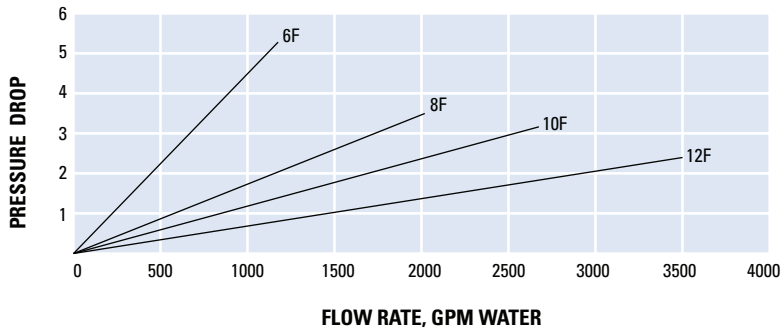
- Pressure gauges installed

- Outlet porting options

- Vertical orientations

See ordering guide for complete selection of options

Housing Flow vs. Pressure Drop



Dimensions: Inches (Dimensions below are for general layout only, consult with factory for approval drawings)

MODEL	CTG. LENGTH	STYLE	MAX FLANGE	FLOW CAPACITY*	A	B	C	D
3HF4H-6F	40"	H	6F	800	68 1/2"	30 3/4"	54 7/8"	14"
4HF4H-6F	40"	H	6F	1100	67 11/16"	31 3/4"	54"	15"
7HF4H-8F	40"	H	8F	1800	80 5/16"	33 3/4"	60 13/16"	19 1/8"
12HF4H-12F	40"	H	12F	3000	87"	36 3/8"	63 3/4"	21 1/2"
3UHF4H-8F	40"	H	8F	900	70 7/16"	30 3/4"	55 1/8"	14 3/4"
4UHF4H-8F	40"	H	8F	1200	70 3/4"	31 3/4"	55 1/2"	16 1/8"
7UHF4H-12F	40"	H	12F	1800	80 9/16"	33 3/4"	62 5/8"	17 5/8"
12UHF4H-12F	40"	H	12F	3000	87"	36 3/8"	63 3/4"	21 1/2"
3HF6H-6F	60"	H	6F	900	86 11/16"	30 3/4"	73 1/16"	14"
4HF6H-6F	60"	H	6F	1200	87 11/16"	31 3/4"	74"	15"
7HF6H-8F	60"	H	8F	2500	97 1/4"	33 3/4"	77 3/4"	19 1/8"
12HF6H-12F	60"	H	12F	3600	107"	36 3/8"	83 3/4"	21 1/2"
3UHF6H-8F	60"	H	8F	1000	90 7/16"	30 3/4"	75 1/8"	14 3/4"
4UHF6H-8F	60"	H	8F	1400	90 11/16"	31 3/4"	75 1/2"	16 1/8"
7UHF6H-12F	60"	H	12F	2500	102 9/16"	33 3/4"	84 5/8"	17 5/8"
12UHF6H-12F	60"	H	12F	3600	107"	36 3/8"	83 3/4"	21 1/2"

* Flow capacity is for guidelines only, actual flow rates are based on fluid, viscosity, micron ratings, connections size and other factors. Please consult the factory for specific product selection.

Ordering Guide (Example: 3HF4H6-6FB-135)

3HF	4	H	6	-	6F	B	-	135
MODEL	LENGTH	STYLE	MATERIAL		CONNECTIONS	GASKET		OPTIONS
3HF 4HF 7HF 12HF UHF ASME CODE	4 = 40" 6 = 60"	H = Horizontal V = Vertical	4 = 304L SS 6 = 316L SS		3HF & 4HF Max 6F 3UHF & 4UHF Max 8F 7HF Max 8F 7UHF Max 12F 12HF & 12UHF Max 12F	B = Buna N (Standard) E = EPR V = Viton S = Silicone T/S = Teflon Encapsulated Silicone		GPA = Gauge ports w/gauges 134W = Coating (NSF 61) 135 = Coating EP = Electropolished P = Passivate NS = No stamp UHF only

Customization

Housings may be customized to meet your precise requirements. Contact Shelco's technical support staff or your distributor for more information.



High Flow Cartridges

Ask us about our compatible High Flow Cartridges.