

3, 4, 7 & 12 HF & UHF Series

High Flow Multi-Cartridge Housings



Request a Quote Today!



- 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

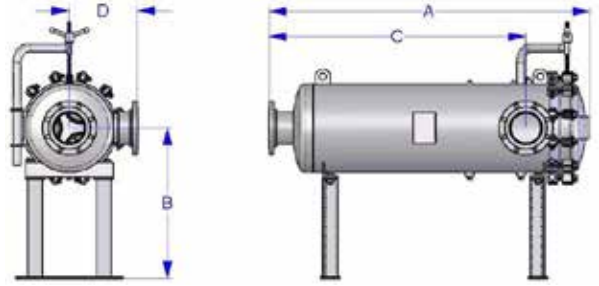
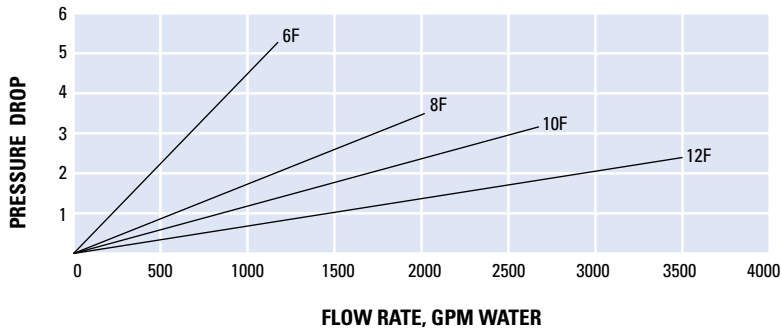
HFC – High Flow cartridge, 6" Dia nom x 40" or 60" lengths
Heavy-duty exterior hard cage. See HFC data sheet for cartridge selection.

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	66 1/8"	30 3/4"	52 1/2"	14"
4HF4H-6F	40"	H	6F	1100	65 11/16"	31 3/4"	51 7/8"	15"
7HF4H-8F	40"	H	8F	1800	79 1/2"	33 3/4"	60 1/4"	19 1/8"
12HF4H-12F	40"	H	12F	3000	85"	36 3/8"	61 3/4"	21 1/2"
3UHF4H-8F	40"	H	8F	900	69"	30 3/4"	54 1/8"	14 3/4"
4UHF4H-8F	40"	H	8F	1200	69 13/16"	31 3/4"	54 7/8"	16 1/8"
7UHF4H-12F	40"	H	12F	1800	79 3/8"	33 3/4"	60 3/8"	17 5/8"
12UHF4H-12F	40"	H	12F	3000	85"	36 3/8"	61 3/4"	21 1/2"
3HF6H-6F	60"	H	6F	900	86 1/8"	30 3/4"	72 1/2"	14"
4HF6H-6F	60"	H	6F	1200	85 11/16"	31 3/4"	71 7/8"	15"
7HF6H-8F	60"	H	8F	2500	99 1/2"	33 3/4"	80 1/4"	19 1/8"
12HF6H-12F	60"	H	12F	3600	105"	36 3/8"	81 3/4"	21 1/2"
3UHF6H-8F	60"	H	8F	1000	89"	30 3/4"	74 1/8"	14 3/4"
4UHF6H-8F	60"	H	8F	1400	89 13/16"	31 3/4"	74 7/8"	16 1/8"
7UHF6H-12F	60"	H	12F	2500	99 3/8"	33 3/4"	80 3/8"	17 5/8"
12UHF6H-12F	60"	H	12F	3600	105"	36 3/8"	81 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	4 = 40"	H = Horizontal	4 = 304L SS		3HF & 4HF	B = Buna N (Standard)		GPA = Gauge ports w/gauges
4HF	6 = 60"	V = Vertical	6 = 316L SS		Max 6F	E = EPR		134W = Coating (NSF 61)
7HF					3UHF & 4UHF	V = Viton		135 = Coating
12HF					Max 8F	S = Silicone		EP = Electropolished
					7HF	T/S = Teflon Encapsulated		P = Passivate
					Max 8F	Silicone		NS = No stamp UHF only
UHF					7UHF			
ASME CODE					Max 12F			
					12HF & 12UHF			
					Max 12F			

Customization

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



Authorized MAHLE-Nowata Distributor & Representative

For pricing and information please call
Commercial Filtration Supply at (855)-236-0467

Visit us Online at: www.commercialfiltrationsupply.com
for more filtration products.