

HF Series Housings

High Flow Filter Housings for Trapper® HF Elements

Industrial ASME Code High Flow, Multi-Element Filter Housings

- Accepts 3, 4, 7 or 12 Trapper HF Series Elements.
- Carbon Steel, 304 and 316 Stainless Steel Materials of Construction are Available.
- Designed to ASME Code Standards, Section VIII, Division 1.
- Eyebolt Design Option Allows for Quick & Easy Change-Out.
- Fewer Filter Elements to Change-Out.
- Inside to Outside Flow Minimizes the Possibility of Contamination During Cartridge Change-Out.



NOWATA HF SERIES
HIGH FLOW CARTRIDGE HOUSING
STAINLESS STEEL

Housing Specifications

Materials of Construction

Standard:	Carbon Steel
Optional:	Carbon Steel - Epoxy Lined
	304 Stainless Steel
	316 Stainless Steel

Maximum Operating Pressure ⁽¹⁾

High Pressure

Carbon Steel:	300 psig (20.7 bar) at 150°F (66°C)
Stainless Steel:	300 psig (20.7 bar) at 150°F (66°C)

Low Pressure

Carbon Steel:	225 psig (15.5 bar) at 150°F (66°C)
Stainless Steel:	225 psig (15.5 bar) at 150°F (66°C)

⁽¹⁾ Other Pressure Ratings Available Upon Request

Construction

Standard:	ASME "UM" Stamp
Optional:	ASME "U" Stamp

Connections

Inlet/Outlet:	3 - 14 Inches Flanged
Drain:	1.5" - 2" FNPT
Vent:	1.5" - 2" FNPT
DP Taps:	1/2" FNPT (2 each)

Shell O-Ring Options

Buna-N (standard), EPDM, Viton, TFE



TRAPPER® HF SERIES
HIGH FLOW ELEMENTS
PROVIDE LONG ON-STREAM LIFE
AND HIGH EFFICIENCY

Growing Strong Since 1907
Box 678, Nowata, OK 74048
918-273-2204
800-259-2204
Fax: 918-273-2101
www.nowata.com
Email: mahle.nowata@us.mahle.com

*Over 100 Years
Made in the USA*



Division of MAHLE Industrial Filtration

HF Series Housings

High Flow Filter Housing for Trapper® HF Elements

Typical HF Series Applications

- Pre and Final Filtration of Chemicals
- Refinery Processes - Pre and Final Filtration
- Process Water
- Oil and Gas Production
 - Seawater Injection
 - Well Injection Chemicals
- RO Pretreatment
- Amines
- Municipal Water Systems
- Pulp and Paper
- Electrolytic Fluids
- Metal Finishing/Plating Solutions

Typical HF Series Cartridge Housing Model Number

HF Housing Series	C Material of Construction	A Closure Style	3 Number of Elements	D Cartridge Length	C ASME Code	15 Maximum Pressure Rating	F Inlet and Outlet Style	6 Inlet and Outlet Size	N O-Ring Material
Nowata High Flow Cartridge Hsg Series	C = Carbon Steel	A = Flat Top CS	3	S = 20"	C = ASME Code "U" Stamp	15 = 150 PSI	F = RFSO	3 = 3"	N = Buna
	U = 316 SS Wetted	B = Domed Bar Flange Top	4	D = 40"	U = "UM" Stamp	22 = 225 PSI	L = RFLWN	4 = 4"	V = Viton
	A = 304SS Wetted	D = RFWN Flange Top	7	T = 60"	N = Non-Code	30 = 300 PSI	R = RTJWN	6 = 6"	E = EPDM
	S = Epoxy Lined	F = RFSO Flange Top	12			74 = 740 PSI	W = RFWN	8 = 8"	F = Flat Gasket
		S = Screw Top				144 = 1440 PSI		10 = 10"	S = Teflon Encapsulated Silicon
		Y = Yoke Type						12 = 12"	T = Teflon Encapsulated Viton
								14 = 14"	
								16 = 16"	

800-259-2204
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 Box 678, Nowata, OK 74048
 Fax: 918-273-2101
 www.nowata.com
 Email: mahle.nowata@us.mahle.com



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