



Graver Technologies

FILTRATION | SEPARATION | PURIFICATION



High Flow C Series Filter Housings

*Filter Housings for
High Flow Applications*

Product Specifications

Shell:

316L or 304 Stainless Steel

O-Ring:

Buna-N, EPDM, Silicone, FKM, TES, TEV

Operating Parameters

Maximum operating pressure:

Stainless Steel

150 psig (10.3 bar) @ 257°F (125°C)
in liquid service

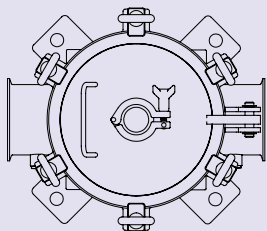
Notes:

Higher PSI options upon request

Not for use with compressed gases

Available Options

- Vertical Housing Inlet/outlet
Side in/side out, Side in/bottom out
- Horizontal Housing Inlet/Outlet Side
in/bottom out
- Tilted Horizontal Side in/side out,
Side in/bottom out
- Gauge ports
- Hinged cover
- Davit arm
- ASME Code stamped
- Electropolished



Graver High Flow C Series filter housings are designed to accept Graver and competitive High Flow Series large geometry filter elements. Available in both vertical and horizontal orientations, the High Flow housings can accept from 1 to 7 filter elements. Also available is a single round tipped horizontal design that allows easier removal without the need for a platform and readily drains from back of vessel to eliminate fluid spills.

FEATURES & BENEFITS

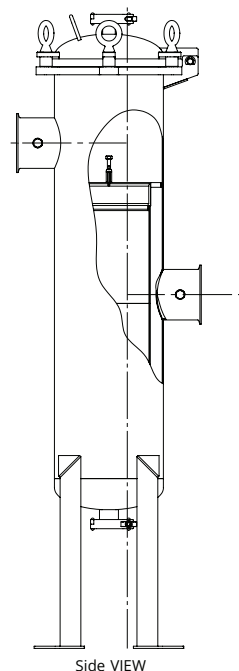
- Housings available in 304 and 316 Stainless Steel wetted parts
- Designs for 1, 3, 4, and 7 filters per housing
- Swing Bolt hold down clamps
- 150 psig designs
- Accepts 20", 40" and 60" High Flow cartridges
- Vertical and horizontal designs offered
- Hold down tabs prevents elements from unseating due to back pressure
- Equipped with vent and drain and gauge port

TYPICAL APPLICATIONS

- Pre RO
- Water
- Desalination
- Oil and Gas
- Food and Beverage
- Pulp and Paper
- Petrochemicals

FLOW CAPACITY

Flow capacity based on light dirt load and low viscosity. Actual flow rate may be lower with vessel sizing based on fluid dirt loads, nature of contaminant, viscosity, micron rating and temperature.



HIGH FLOW C NOMENCLATURE INFORMATION

Model	No. of Filters Around ¹	Filter Basket Reqmt	Ori.	Cartridge Height (in)	Material	Inlet/Outlet Size (in)	Fitting Type	Inlet/Outlet Config.	Drain Conn.	Vent Conn.	Gauge Port	Press. Rating	Seal Material	Finish ⁴	Options
HFC Series	1	B With Internal Filter Basket		2 20"	R 304 SS	-2	T Tri-Clamp		A 3/4" Tri-Clamp	A 3/4" Tri-Clamp	N 1/4" NPT	1 150 psig	B Buna-N		U ASME Code Stamped
	3			4 40"		-3			B 3/4" FNPT	B 3/4" FNPT	T 3/4" Tri-Clamp	3 300 psig ³	E EPDM		
	4			6 60"	T 316 SS	-4	F Flange (150#)		C 1" Tri-Clamp	C 1" Tri-Clamp			S Silicone		H Hinge
	7	N Without Internal Filter Support ²				-6	N FNPT		D 1" FNPT	D 1" FNPT			V FKM		D Davit Arm
						-8			E 1.5" Tri-Clamp	E 1.5" Tri-Clamp			T TEV		
									F 2" FNPT	F 2" FNPT			TS TES		
		V Vertical					S Side In/Side Out (Same)								
		H Horizontal					O Side In/Side Out (Opposite)								
		HT Tipped Horizontal (1 Round Only)					B Side In/Bottom Out								
-1 Electropolished Housing: External Ra≤0.9 μm (Ra<35uin) Internal Ra≤0.64 μm (Ra<25uin) -2 Bead Blasted & Passivated External & Internal															
Example: HFC3BV4R-4FOFDN1E-2															
HFC	3	B	V	4	R	-4	F	O	F	D	N	1	E	-2	

¹Higher rounds available — consult factory

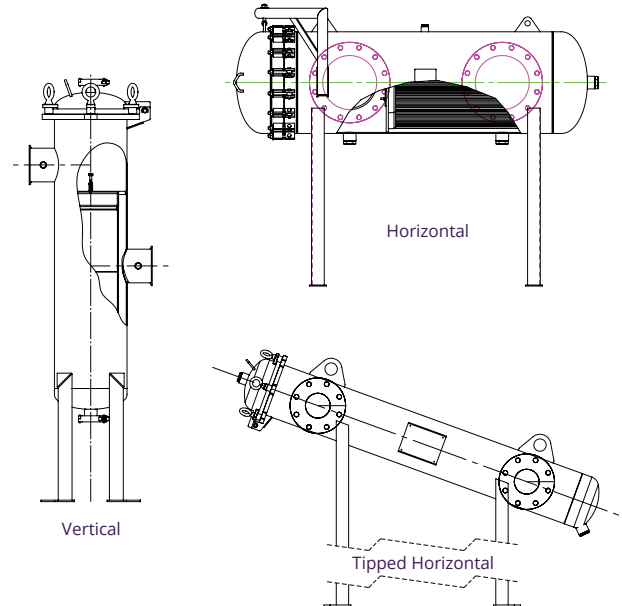
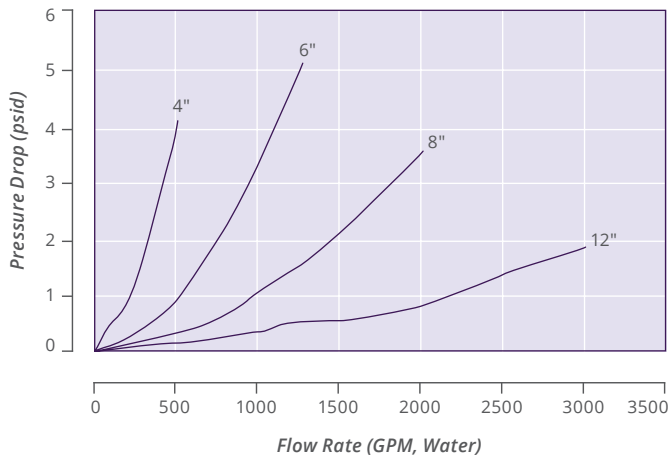
²For High Flow Housing with hard cage support only

³Consult factory

⁴Other finishes available — consult factory

HIGH FLOW C PRESSURE DROP

For Various Pipe Sizes



FOR MORE INFORMATION

GTX-374 4-26

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