

MS Series SuperFlex™ Filter Housings



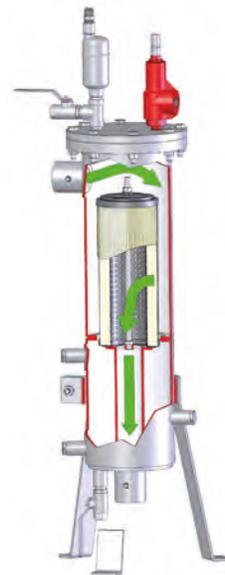
Facet's standard carbon steel MS Series SuperFlex™ filter housings are small, economical housings for in-line removal of solids from aviation fuels when equipped with Facet's FA, M or CIF Series High Efficiency filter cartridges.

Standard Housing Design

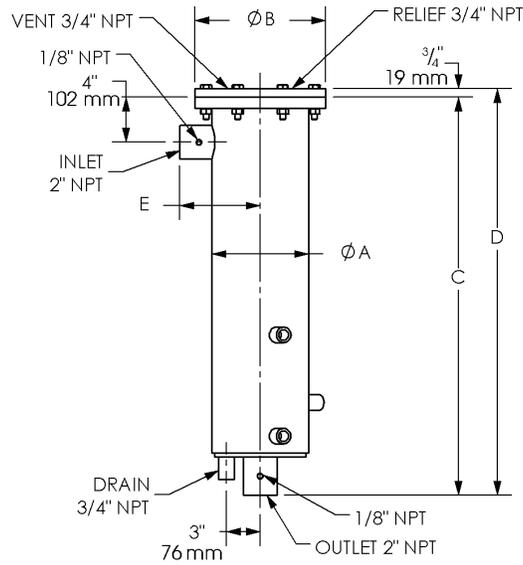
- Welded carbon steel construction
- ASME Code, Section VIII construction, stamped and certified
- Design pressure: 250 psi @ 250 °F (17.2 bar @ 121 °C)
- Main closure: Blind flange
- Head gasket: Buna-N—other materials available on request
- Vent connection: ¾" NPT
- Drain connection: ¾" 3000# NPT
- Inlet and outlet connections: 2" 3000# NPT
- Differential pressure gauge connection: ⅛" NPT
- Interior: Epoxy coated (EI 1541)
- Exterior: Prime coated

Options

- Air eliminator
- Air eliminator check valve
- Manual drain valve
- Pressure gauge assembly
- Pressure relief valve
- Sampling probe
- Adjustable support stand



MS Series SuperFlex™ Filter Housings



DATA

MODEL NUMBER	MAXIMUM FLOW RATE*		DIMENSIONS										WEIGHT		LIQUID VOLUME	
			A		B		C		D		E					
			in	mm	in	mm	in	mm	in	mm	in	mm				
MS-1C-A	66	250	8 $\frac{5}{8}$	219	11 $\frac{5}{8}$	295	35 $\frac{5}{8}$	899	36 $\frac{5}{8}$	918	7 $\frac{1}{8}$	181	100	45	7	26
MS-2C-A	133	503	8 $\frac{5}{8}$	219	11 $\frac{5}{8}$	295	49 $\frac{5}{8}$	1267	50 $\frac{5}{8}$	1286	7 $\frac{1}{8}$	181	125	56	10	38
MS-3C-A	200	757	8 $\frac{5}{8}$	219	11 $\frac{5}{8}$	295	63 $\frac{5}{8}$	1622	64 $\frac{5}{8}$	1641	7 $\frac{1}{8}$	181	200	90	13	49

Initial Pressure Drop 2 psig

Cartridges are selected separately to fit specific application requirements and will be included in the final housing model number.

All dimensions, weights and volumes are for estimating only.

*Consult factory for flow rates when using EI1590 Qualified Elements (FA Series).



Facet's standard carbon steel VCS Series SuperFlex™ Coalescer Separators are small, economical housings for in-line removal of water and solids from aviation fuels where water content is a problem. Using Facet high quality coalescer and separator cartridges, they provide the best water and solids removal.

Reliable Performance

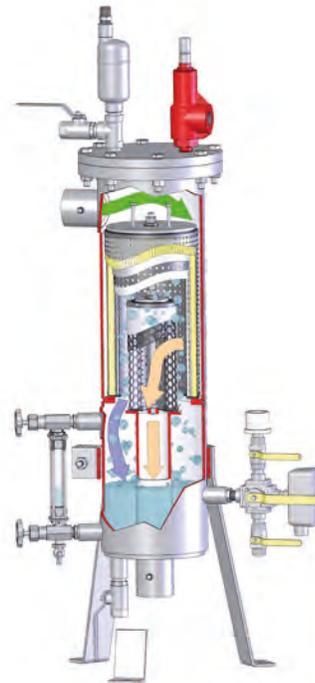
Facet coalescer separators are a result of 80 years of continuous research and development to meet the ever demanding performance requirements in the aviation fuel handling industry. This, along with proven field performance, demonstrates Facet's ability to provide quality products that meet current specifications as well as specific customer requirements for installations in refineries, bulk storage, terminals, heliports, airports, etc.

Standard Housing Design

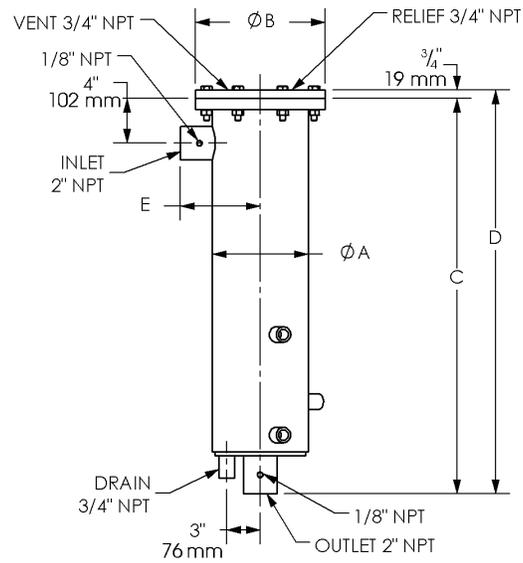
- Welded carbon steel construction—other materials available on request
- ASME Code, Section VIII construction, stamped and certified
- Design pressure: 250 psi @ 250 °F (17.2 bar @ 121 °C)
- Main closure: Blind Flange
- Head gasket: Buna-N —other materials available on request
- Vent connection: ¾" NPT
- Drain connection: ¾" 3000# NPT
- Inlet and outlet connections: 2" 3000# NPT
- Differential pressure gauge connection: ½" NPT
- Interior: Epoxy coated (EI 1541)
- Exterior: Prime coated

Options

- Air eliminator
- Air eliminator check valve
- Manual drain valve
- Pressure gauge assembly
- Pressure relief valve
- Sampling probes
- Adjustable support stand



Vertical SuperFlex™ Coalescer Separator



DATA

MODEL NUMBER	INLET/OUTLET DIAMETER		DIMENSIONS										WEIGHT		LIQUID VOLUME	
			A		B		C		D		E					
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	gal	ltr
VCS-123-7-1S412FC	2	51	8 ⁵ / ₈	219	11 ¹ / ₈	295	35 ³ / ₈	899	36 ¹ / ₈	918	7 ¹ / ₈	181	100	45	7	26
VCS-223-7-1S422FC	2	51	8 ⁵ / ₈	219	11 ¹ / ₈	295	49 ⁷ / ₈	1267	50 ⁵ / ₈	1286	7 ¹ / ₈	181	125	56	10	38
VCS-323-7-1S432FC	2	51	8 ⁵ / ₈	219	11 ¹ / ₈	295	63 ⁵ / ₈	1622	64 ⁵ / ₈	1641	7 ¹ / ₈	181	150	68	13	49

FS Series SuperFlex™ Clay Treater Housings



Facet's standard carbon steel FS Series SuperFlex™ housings are small economical housings that can be used as clay treaters, but at lower flow rates than our standard F Series housings.

Standard Housing Design

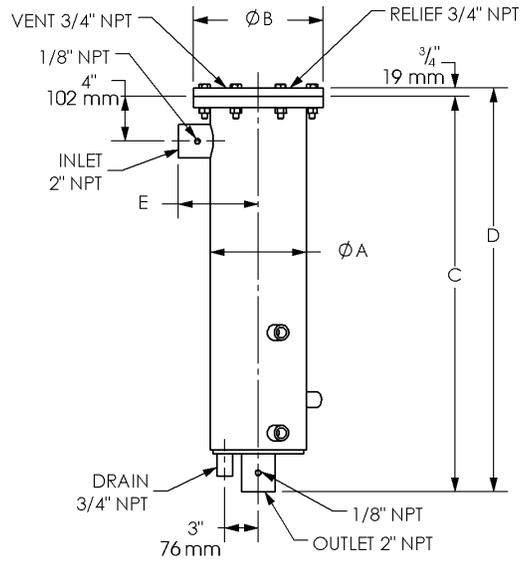
- Welded carbon steel construction—other materials available on request
- ASME Code, Section VIII construction, stamped and certified
- Design pressure: 250 psi @ 250 °F (17.2 bar @ 121 °C)
- Main closure: Blind Flange
- Head gasket: Buna-N—other materials available on request
- Vent connection: ¾" NPT
- Drain connection: ¾" 3000# NPT
- Inlet and outlet connections: 2" 3000# NPT
- Differential pressure gauge connection: ½" NPT
- Interior: Epoxy coated (EI 1541)
- Exterior: Prime coated

Options

- Automatic air eliminator
- Automatic air eliminator check valve
- Manual drain valve
- Pressure gauge assembly
- Pressure relief valve
- Sampling probes
- Adjustable support stand



FS Series SuperFlex™ Clay Treater Housings



DATA

MODEL NUMBER	JET FUEL		DIMENSIONS										WEIGHT		LIQUID VOLUME	
			A		B		C		D		E					
	gpm	lpm	in	mm	in	mm	in	mm	in	mm	in	mm	lbs	kg	gal	ltr
FS-2C-A	7	26	8 $\frac{5}{8}$	219	11 $\frac{5}{8}$	295	49 $\frac{7}{8}$	1267	50 $\frac{5}{8}$	1285	7 $\frac{1}{8}$	181	125	56	10	38
FS-3C-A	14	52	8 $\frac{5}{8}$	219	11 $\frac{5}{8}$	295	63 $\frac{7}{8}$	1620	64 $\frac{5}{8}$	1641	7 $\frac{1}{8}$	181	200	90	13	49

FS-2C-A will hold (1) C-766-4 Clay Canister
 FS-3C-A will hold (2) C-766-4 Clay Canisters