

# FC Single Bag Filter Housing

The 3L Filters™ FC Series single bag filters provide effective, economical filtration of liquids. Disposable filter bags are available in a wide range of materials and micron ratings to remove particulate matter down to 1 micron.

## Applications

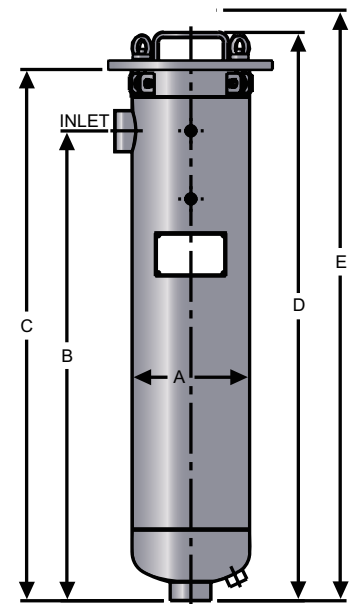
Filtration of liquids such as paints, inks, coolants, water, solvents, glues, recycled oils and beverages.

## Standard Features

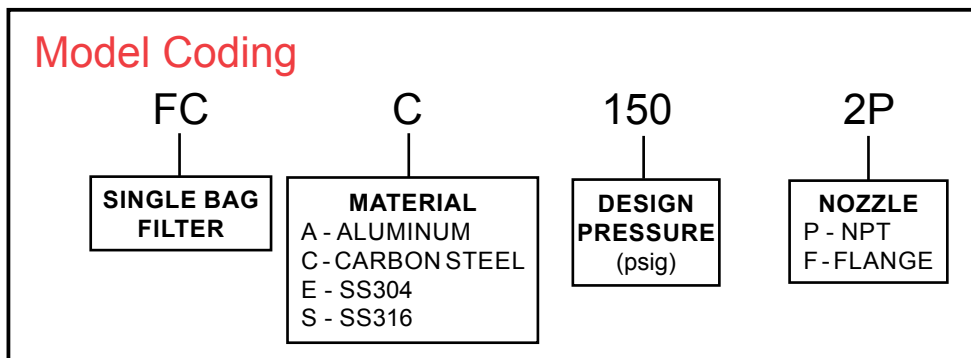
- designed to ASME Section VIII Div.1 & 2
- 150 psig standard design pressure
- -20°F to 150°F (-29°C to 66°C) standard design temperature
- 3000 lb NPT couplings or 150 lb ANSI RF flanged inlet/outlet
- 3000 lb NPT couplings for vent, drain and pressure gauge connections
- stainless steel or carbon steel housing material
- perforated stainless steel (SS304 or SS316) basket construction
- hinged lid
- quick access to replace bags
- standard Swing Bolt closures
- O-ring closure seal

## Options & Accessories

- custom design pressures to 3000 psig
- custom flange rating
- custom housing materials
- optional closure: Thru-Bolt
- O-ring closure seal in Buna, Viton®, EPDM
- internal epoxy coating on carbon steel models
- external primer finish for carbon steel housing
- electropolishing of stainless steel housings
- passivation of stainless steel housings
- paint or coating to customer specification
- duplex or multiplex arrangement
- additional nozzles as needed
- safety relief valves
- pressure gauges
- working platform
- valves
- rubber, PVC, PVDF and other internal linings



OUTLET  
Figure 1



## Single Bag Filter Housing

Fig.	Model No.	Material	Bag Qty	A Vessel OD in (mm)	B in (mm)	C in (mm)	D in (mm)	E in (mm)	Inlet/Outlet (RF)	Drains (NPT)	Press. Gauge (NPT)	GPM (US)	Weight lbs (kg)
1	FC-C1502P	Carbon Steel	1	8.625 (219)	34.75 (883)	39.25 (997)	41.75 (806)	69.25 (1759)	2"	3/4"	1/2"	180	45 (20)
1	FC-E1502P	SS304	1	8.625 (219)	34.75 (883)	39.25 (997)	41.75 (806)	69.25 (1759)	2"	3/4"	1/2"	180	45 (20)

### Note:

Dimension 'E' is the minimum clearance required for bag removal.  
Flow rates are based on water. More viscous liquids will have lower flow rates.  
Drawings for reference only. Certified drawings will be supplied after receipt of order.