

# SFC SERIES

## Filter Chamber



## Technical Specifications

The SFC Series Filter Chamber is used to eliminate on-the-machine filter maintenance as well as to protect the vacuum pump from damage due to dust or particle ingestion.

For use with SF Series pumps, the SFC Cartridge-style filter chamber features a two-stage dust collector that incorporates a cyclonic vortex separation chamber with a large-capacity cartridge filter element to produce a highly efficient, low-maintenance filter.

The FC Series bag-style filter chambers are used with SPDB or STPB power units with patented PulseJet™ Blowback for filter cleaning.

## Features

### Standard Features

#### SFC Series

- Mild steel construction
- Two stage cyclone/cartridge filter design
- 29" high floor stand for drum discharge
- Reverse pulse filter element
- Flapper dump valve and filter shroud

#### FC Series

- Mild steel construction
- 12 oz. glazed polyester felt bags
- Flapper dump valve with floor stand and dust shroud
- 45" floor stand with 38" clearance

### Optional Features

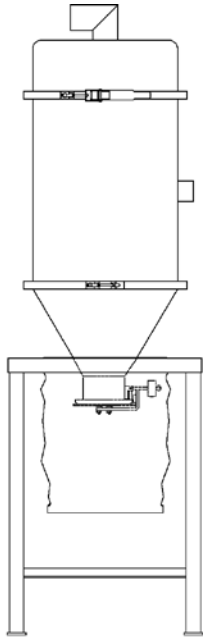
#### SFC Series

- 45" floor stand, 38" clearance
- 1/2" compressed air solenoid for blowback (less controls)
- 1/2" compressed air solenoid for blowback with stand-alone control assembly
- Removable dust can on 29" floor stand

#### FC Series

- Floor mount configuration
- Floor stand with manual dump valve
- Acrylic filter media
- Gore-Tex® filter media
- Enclosed floor stand
- Spare filter bag rack with polyester bags
- Manual dump configuration

## Product Diagrams



## Specifications

| Model   | Filter Area<br>sq. ft. (sq.m.) | Power unit<br>HP (kW)  | Line Size<br>in. dia. OD  | Length<br>in. (cm) | Height<br>in. (cm) | Width<br>in. (cm) | Ship Weight<br>lbs. (kg) |
|---------|--------------------------------|--|---|--------------------|--------------------|-------------------|--------------------------|
| SFC225  | 35<br>(3.25)                   | 5, 7.5, 10, 15<br>(3.7, 5.6, 7.5, 11.2)                        | 2, 2.5, 3, 3.5, (3 Sch. 5)  | 20 (51)            | 73 (185)           | 20 (51)           | 160 (73)                 |
| SFC1000 | 55<br>(5.11)                   | 15, 20, 25, 30, 40, 50<br>(11.2, 14.9, 18.6, 22.4, 29.8, 37.3) | 3.5, (3 Sch. 5),<br>4, 4.5, (4 Sch. 10),<br>5, (5 Sch. 10, 6 Sch. 10) | 26 (66)            | 90 (229)           | 26 (66)           | 200 (91)                 |
| FC15    | 14<br>(1.30)                   | 5, 7.5, 10<br>(3.7, 5.6, 7.5)                                  | 2, 2.5, 3, (3 Sch. 5)   | 28 (71)            | 28 (71)            | 62 (157)          | 120 (54)                 |
| FC30    | 30<br>(2.79)                   | 10, 15<br>(7.5, 11.2)  | 3, 3.5, (3 Sch. 5)  | 28 (71)            | 28 (71)            | 89 (226)          | 160 (73)                 |
| FC55    | 55<br>(5.11)                   | 20, 25, 30<br>(14.9, 18.6, 22.4)                               | 4, 4.5, (4 Sch. 10),<br>5, (5 Sch 10)                                 | 28 (71)            | 28 (71)            | 101 (257)         | 200 (91)                 |