

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

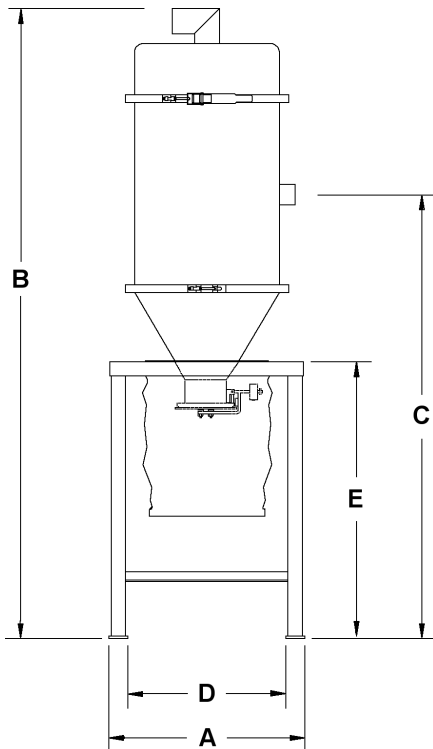
Optional Features

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 sq. ft. (sq.cm)	Power unit HP (kW)	Line size, in. dia. OD	Length in. (cm)	Height in. (cm)	Width in. (cm)	Ship Weight lbs. (kg)
VFC225	35 (224.8)	5, 7.5, 10, 15 (3.7, 5.6, 7.5, 11.2)	2, 2.5, 3, 3.5 (3 Sch. 5)	20 (51)	73 (186)	20 (51)	160 (73)
VFC1000	55 (345.9)	15, 20, 25, 30, 40, 50 (11.2, 14.9, 18.7, 22.4, 29.8, 37.3)	3.5 (3 Sch. 5) 4, 4.5 (4 Sch. 10) 5, 5 Sch. 10, 6 Sch. 10)	26 (66)	90 (229)	26 (66)	200 (91)
FC15	14 (96.8)	5, 7.5, 10 (37.5, 5.6, 7.5)	2, 2.5, 3	28 (71)	28 (71)	62 (158)	120 (44)
FC30	30 (193.6)	10, 15 (7.5, 11.2)	3, 3.5 (3 Sch. 5)	28 (71)	28 (71)	89 (226)	160 (53)
FC55	55 (345.9)	20, 25, 30 (14.9, 18.7, 22.4)	4, 4.5, (4 Sch. 10), 5, 5 Sch 10	28 (71)	28 (71)	101 (257)	200 (84)