

### CFC 225/1000 Filter Chambers

Every Colortronic vacuum conveying system uses a remote central filter chamber 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 any CPD pump, the CFC 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 our CPDB power units with patented PulseJet Blowback for filter cleaning.

### CFC Cartridge Style Filter Chambers

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

### FC Bag Style Filter Chambers

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



**CFC Series Cartridge Style  
Filter Chamber**  
(model CFC-1000 filter shown)



**FC Series Bag Style  
Filter Chamber**  
(model FC-15 filter shown)

**Optional Features: CFC Series**

- 45" floor stand, 38" clearance
- ½" compressed air solenoid for blowback (less controls)
- ½" compressed air solenoid for blowback with stand-alone control assembly
- Removable dust can on 29" floor stand

**Optional Features: 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

**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)
CFC225	35 (225.8)	5, 7.5, 10, 15 (3.7, 5.6, 7.5, 11.2)	2.0, 2.5, 3.0, 3.5 (3 Sch. 5)	20 (51)	73 (186)	20 (51)	160 (73)
CFC1000	55 (354.9)	15, 20, 25, 30, 40, 50 (11.2, 14.9, 18.7, 22.4, 29.8, 37.3)	3.5 (3 Sch. 5), 4.0, 4.5 (4 Sch. 5), 5, 5 Sch. 10, 6 Sch. 10	26 (66)	90 (229)	26 (66)	200 (91)

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)
FC15	15 (96.8)	5.0, 7.5, 10 (3.7, 5.6, 7.5)	2.0, 2.5, 3.0	28 (71)	28 (71)	62 (158)	120 (44)
FC30	30 (193.6)	10, 15 (7.5, 11.2)	3.0, 3.5 (3 Sch. 5)	28 (71)	28 (71)	89 (226)	160 (53)
FC55	55 (354.9)	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)

**Dimensions**

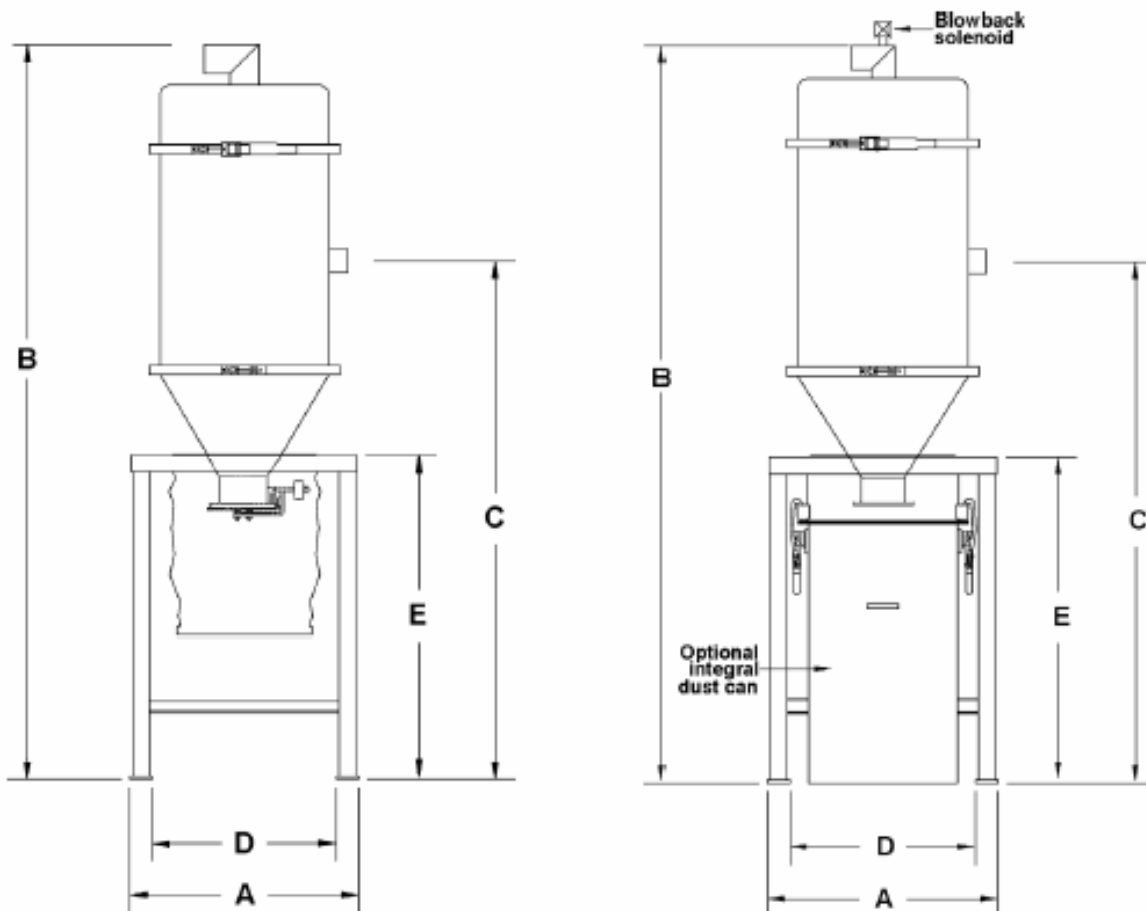
Model	A, in. (cm)	B, in. (cm)	C, in. (cm)	D, in. (cm)	E, in. (cm)
CFC225	20 (51)	62.88 (160)	45.25 (115)	17.50 (45)	29 (74)
CFC1000	28 (71)	78.88 (200)	0.88 (155)	25.50 (65)	29 (74)

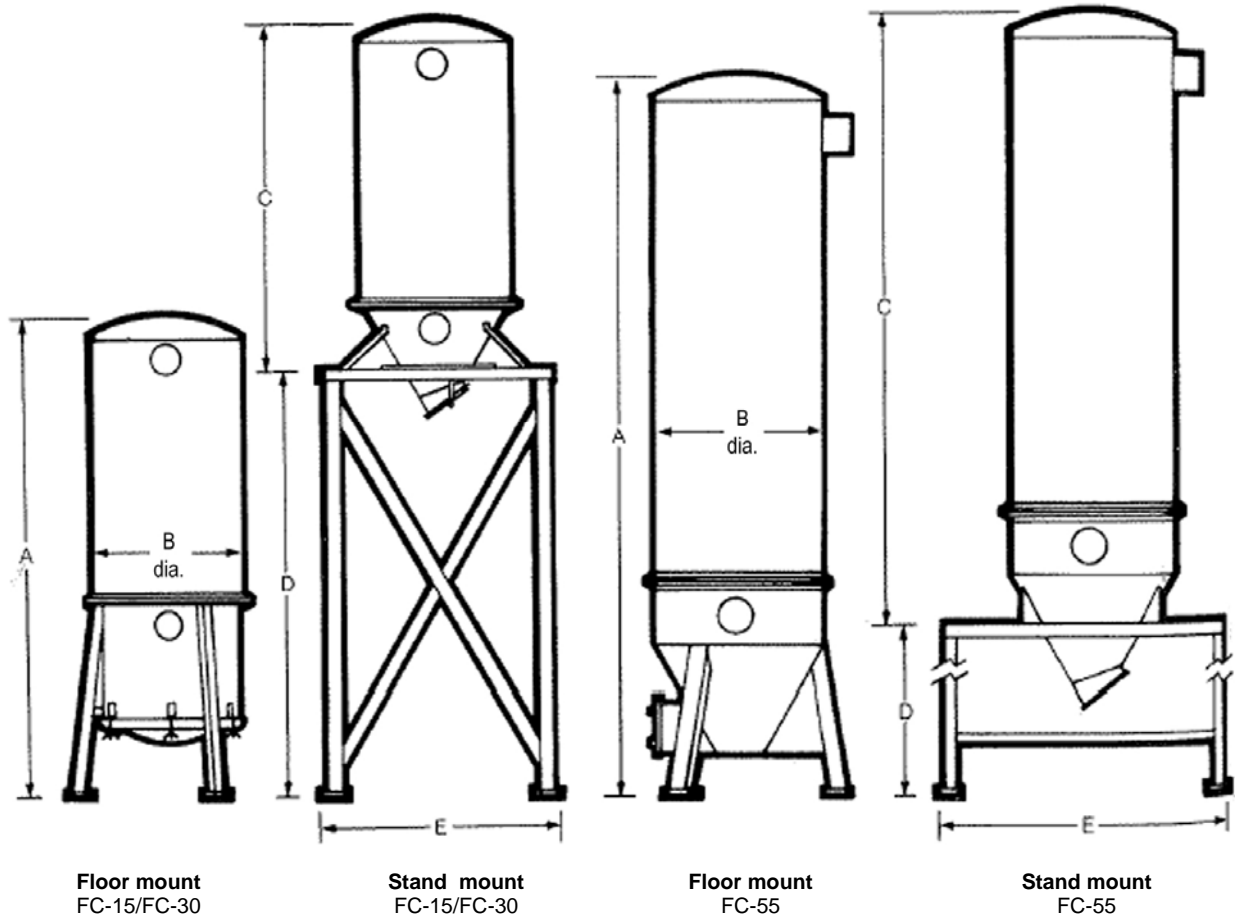
**CFC cartridge-style vortex filter chambers**

Model	A, in. (cm)	B, in. (cm)	C, in. (cm)	D, in. (cm)		E, in. (cm)
FC-15	56 5/16 (1430)	15 ½ (394)	42 (1067)	45 (1143)	20 (508)	28 (711)
FC-30	80 5/16 (2040)	15 ½ (394)	66 (1676)	45 (1143)	20 (508)	28 (711)
FC-55	83 (2108)	20 (508)	76 (1930)	50 (1270)	26 (660)	35 (889)

## Floor Filter Chamber Specifications

Filter Chamber Style	FC-15	FC-30	FC-55
Vacuum Power Unit (hp)	1½, 3, 5, 7½(pellets, powder) 10 (pellets)	10 (powder), 15 (pellets, powder) 25 (pellets)	25 (powder), 30 (pellets)
Filter Area (sq. ft.) (sq. m.)	15 (1.4)	30 (2.8)	55 (5.1)
Shipping Weight (lbs.) (kg)	100 (45)	120 (54)	140 (64)





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