

Dust Collector

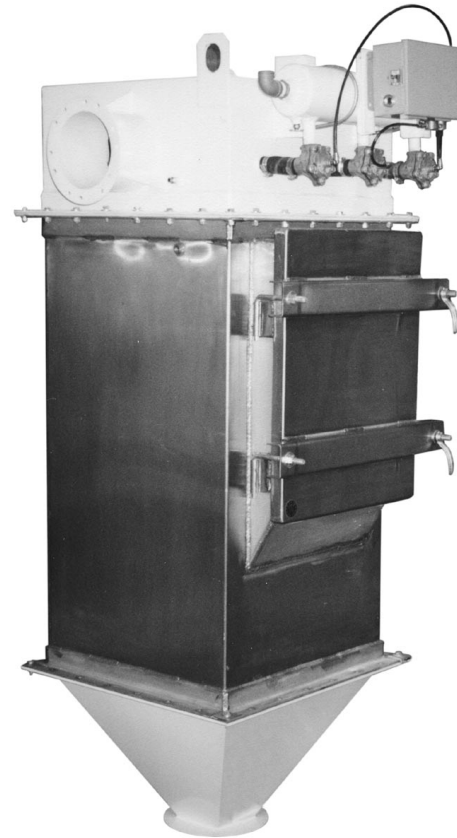
ADVANCED
BULK & CONVEYING

Dust Collectors are used to separate fine material from product material when pressure filling a surge bin or a silo. Advanced Bulk and Conveying, Inc., dust collectors operate on reverse air pulse principle. Dusty air enters the unit and passes through the filter bags, leaving dust on the bag exterior. Filtered air is exhausted to the atmosphere at the top of the unit. An electric timer actuates valves in sequence, which releases compressed air through venturi tubes. Shock waves formed in the venturi travel downward and release caked dust from the bag exterior and then collects the dust in the discharge cone.

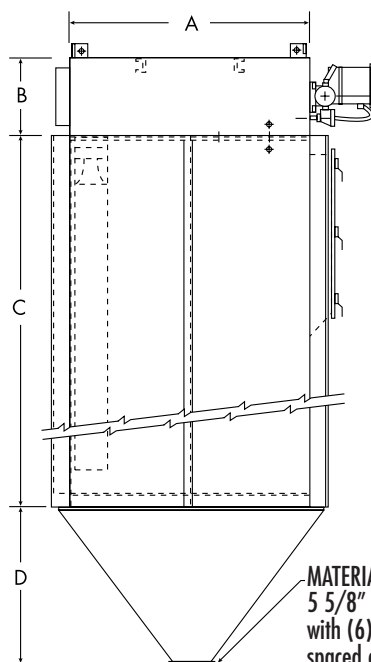
The standard unit is of carbon steel construction, includes 110 VAC auto sequencing reverse pulse timer controls in a NEMA 4 enclosure, 16 oz. polyester felt filter bags, differential pressure gauge, exhaust vent, and industrial enamel coated exterior.

Options:

- Top Bag Removal
- FDA Epoxy Interior
- Exhaust Fan
- Service Access Platform and Ladder
- All Stainless Steel Construction
- Dual Access Doors for Ease of Maintenance
- Selection of Filter Media
- Internal Safety Grid
- Level Switch Opening
- Vibrator Pad
- 3" O Poke Hole
- Support Legs with 48" Clearance



Dust Collector with optional stainless steel body.



MATERIAL DISCHARGE
5 5/8" sq. opening x 11" OD x 3/16" thick
with (6) 7/16" x 3/4" long slots equally
spaced on a 9 5/8" bolt circle.

Model No.	No. of Bags	Bags Length Inches	Filter Area (sq. ft.)	Dimensions				Compressed Air Req'd. (SCFM)	Gross Wt. (Lbs.)
				A	B	C	D		
DC9-36	9	36"	39	24"	16"	47"	16"	4.2	375
DC9-58	9	58"	65	24"	16"	69"	16"	4.5	475
DC9-84	9	84"	95	24"	16"	96"	16"	5.0	550
DC16-36	16	36"	69	32"	16"	47"	23"	5.5	550
DC16-58	16	58"	115	32"	16"	69"	23"	5.8	675
DC16-84	16	84"	170	32"	16"	96"	23"	6.2	800
DC25-36	25	36"	108	40"	16"	47"	30"	6.5	725
DC25-58	25	58"	180	40"	16"	69"	30"	6.7	875
DC25-84	25	84"	265	40"	16"	96"	30"	7.0	1050
DC36-84	36	84"	382	48"	16"	96"	30"	8.5	1400