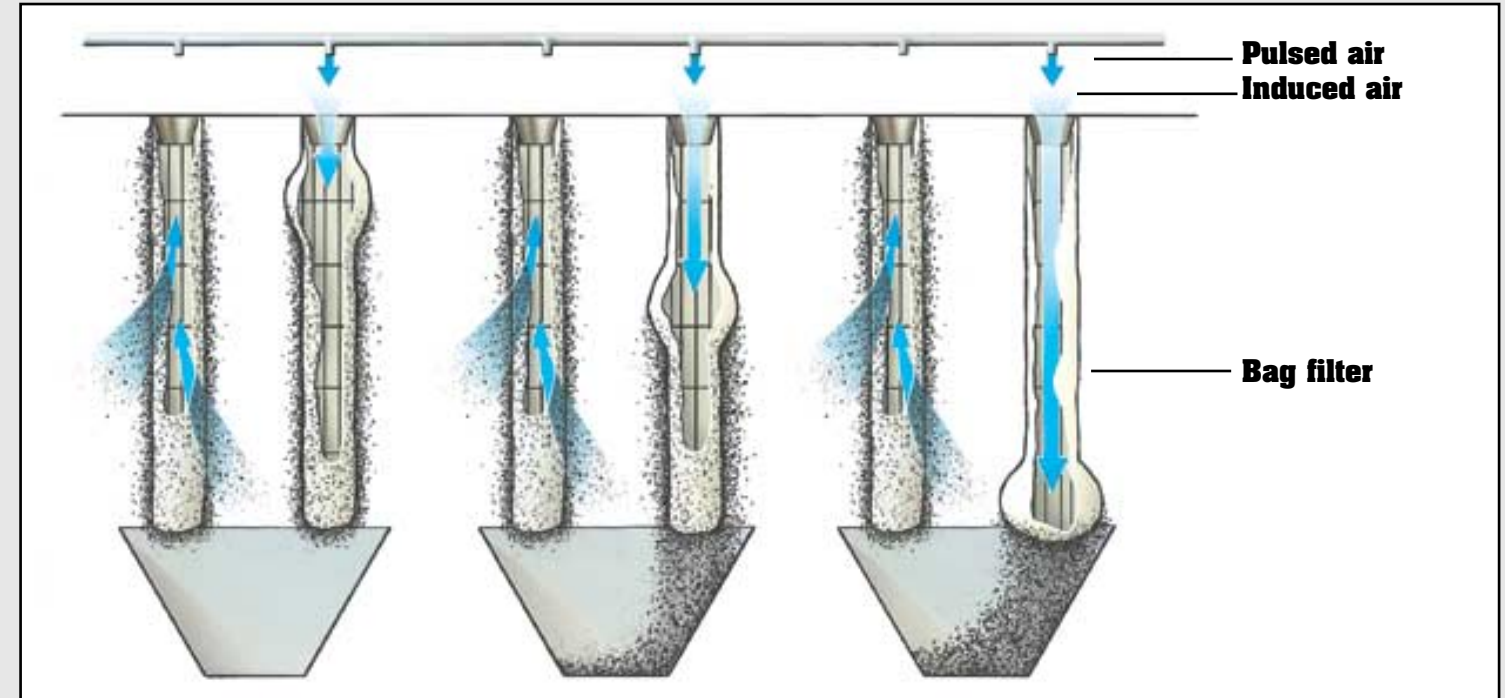


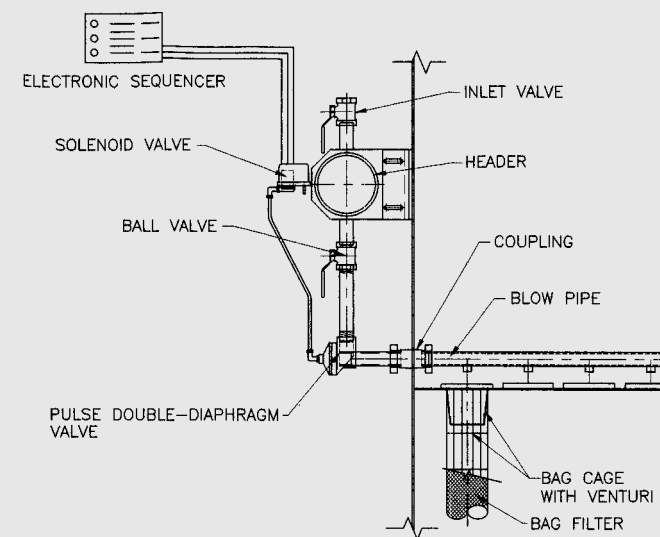
DECOFILTER



COMPRESSED-AIR SEQUENTIAL CLEANING SYSTEM

High-pressure air pulsed through a venturi, added to the induced air, produces an impact that removes the dust accumulated on the outer surface of the filter bag. The dust falls in the hopper and is then evacuated.

The opening of the pulsing valves, which are electronically controlled, only cleans a limited number of filters, allowing the dust collector to operate without interruption.



PRINTED IN CANADA
11-01

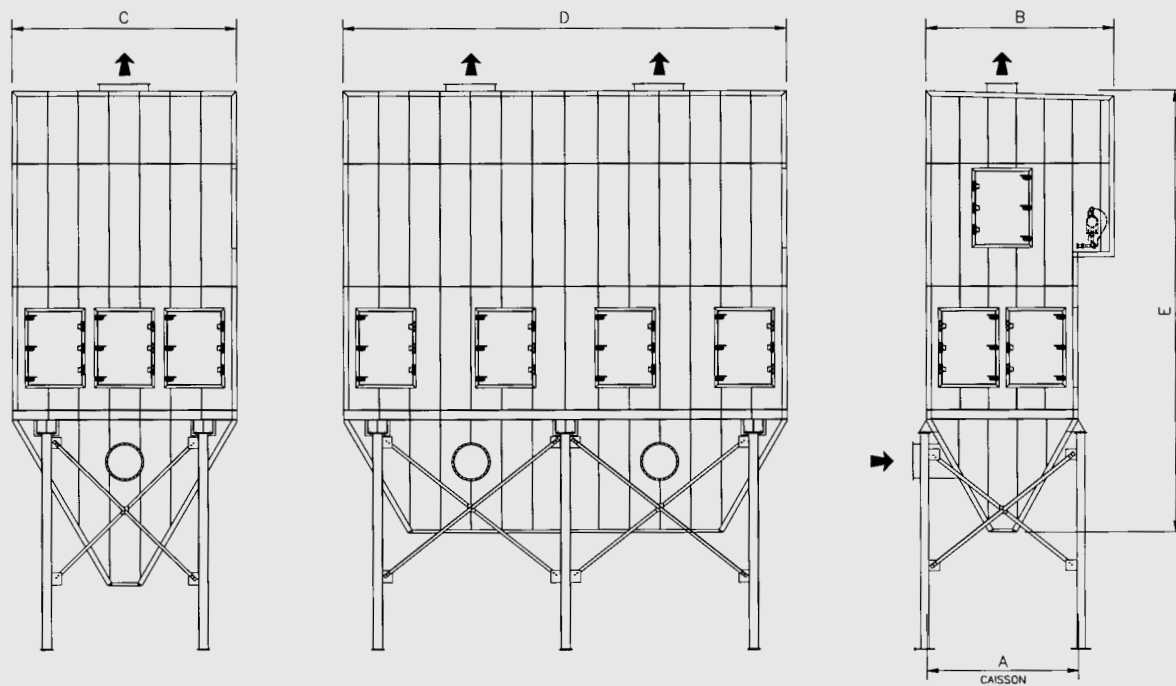


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► The choice of a dust collector depends on the filtering ratio to be used.

- Factors to consider
 - Type of particles
 - Concentration
 - Grain size
 - Humidity

STANDARD MODEL CHARACTERISTICS

MODEL	CAPACITY (C.F.M.)	QUANTITY BAGS FILTER	FILTERING AREA (SQ. FT.)	DIMENSIONS (METRIC)				
				A	B	C	D	E
DF-0606-08	3700	36	467	1510	-	1610	-	6500
DF-0707-08	5000	49	636	1740	-	1840	-	6700
DF-0808-08	6500	64	831	1970	-	2070	-	6900
DF-0909-08	8500	81	1051	2200	-	2300	-	7100
DF-1010-10	13000	100	1623	2430	3190	2530	2530	8500
DF-1111-10	16000	121	1964	2660	3420	2760	2760	8700
DF-1212-10	19000	144	2337	2890	3650	2990	2990	8900
DF-1412-10	22000	168	2727	2890	3650	3450	3450	8900
DF-1612-10	25000	192	3116	2890	3650	3910	3910	8900
DF-1812-10	28000	216	3506	2890	3650	4370	4370	8900
DF-2012-10	31000	240	3895	2890	3650	-	4830	8900
DF-2412-10	37000	288	4674	2890	3650	-	5750	8900
DF-2812-10	43000	336	5453	2890	3650	-	6670	8900
DF-3212-10	50000	384	6232	2890	3650	-	7590	8900
DF-3612-10	56000	432	7011	2890	3650	-	8510	8900
DF-4012-10	62000	480	7790	2890	3650	-	9430	8900
DF-4412-10	68000	528	8569	2890	3650	-	10350	8900
DF-4812-10	75000	576	9348	2890	3650	-	11270	8900

► «Decofilter» dust collector are also customized to meet your specific needs.

* The characteristics and the dimensions are subject to change without prior notice.

FEATURES:

- Air recirculation
- Conserves energy, recycles heat, conditions air
- Automatic cleaning of the media by pulsed high-pressure air provides a non-stop operation, saving valuable work time and productive machine hours
- Available in pull-through (vacuum) or blow-through arrangements
- Maintenance of the filter bags is done from the clean-air side of the filter section, employees work in safe, dust-free conditions, which saves time and reduces maintenance.

OPERATION:

- The air loaded with particles and dust enters the dust collector through one or more access ports which are located in a hopper. The particles hit a deflector which is located in the port and are projected directly at the bottom section of the hopper. The finer dust particles are directed upwards to the filter section where they are filtered out and the clean air is returned to the plant or to the atmosphere. The filter bags are cleaned by automatically «pulsed» high-pressure air.

CONSTRUCTION:

- The dust collectors are built of 11 ga reinforced carbon steel and are strong enough to withstand a 400 mm WC negative pressure condition. Built of 3/16" steel for withstanding positive or negative pressures of 500 mm WC. The unit is shipped fully welded sections which are bolted together and sealed with caulking.

PAINTING ET PROTECTION:

- All surfaces are cleaned and degreased, one coat of primer is applied on the inside and outside, and one coat of paint is applied on the outside.

STANDARD EQUIPMENT:

- Filter bags (polyester needled felt)
- Bag cages with galvanized steel venturi tubes
- Compressed-air cleaning system operating at 90 PSIG
- Prewired electrical control panel for automatic filter cleaning
- Structural support frame
- Access door to clean air plenum
- Access ladder and platform to clean air plenum
- Counterbalanced back-pressure damper
- Heat detector
- Explosion relief panels (NFPA-68)
- Differential pressure gauge
- Sprinkler system in the clean air plenum
- Bottom hopper with access door.

OPTIONAL EQUIPMENT:

- Insulation in the clean air plenum
- Plug-up detector
- Maintenance platform for access to explosion relief panels
- Humidity-treated filter bags
- Bag cages made of stainless steel
- Filter fabric other than polyester
- Discharge screw conveyor
- Rotary valve
- Special construction to withstand higher negative or positive pressure than 500 mm WC

