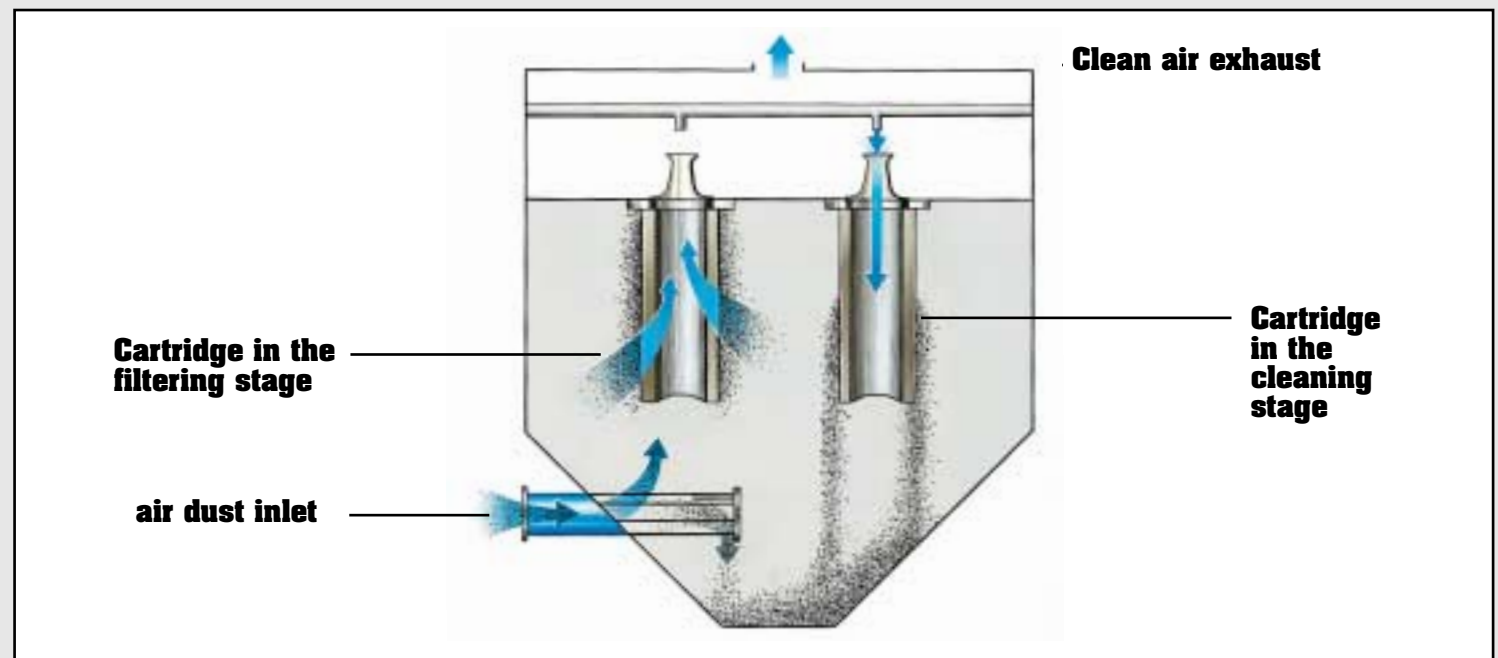




CARTFILTER



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 cartridge filter. The dust falls in the hopper and is then evacuated.

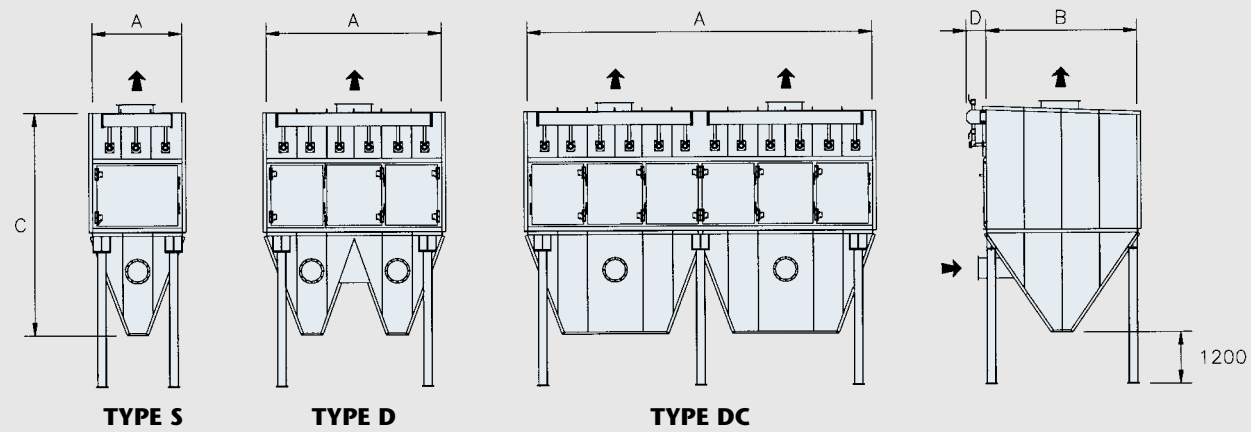
The opening of the pulsing valves, which are electronically controlled, only cleans a limited number of cartridge, allowing the dust collector to operate without interruption.

TYPE OF CARTRIDGES AVAILABLE

MEDIA OPTIONS	T (C) MAX. OPERATION	DIAM. (mm)	LENGTH (mm)	FILTER AREA (sq. meters)
80-20 (% CELLULOSE -% POLYESTER)	93	324	660	21,0
	93	324	760	24,2
	93	324	915	29,1
100 % POLYESTER	93	324	660	9,3
	93	324	760	10,8
	93	324	915	13,0



- Standard construction: maximum operating temperature 93°C
- Special construction available for higher temperatures
- Thanks to its customized design and a choice between various types of filter media. The "CARTFILTER" cartridge is very efficient in most situations where fine and very fine particles are present, and for filtering dust at low concentrations. The "CARTFILTER" cartridge has also proven very efficient for filtering welding and metallurgical fumes, for capturing residue from metal stripping and cleaning, and for various technical, pharmaceutical, and agri-food applications.



CA SERIES

MODEL	TYPE	QTY OF VALVES	QTY OF CARTRIDGE	A (mm)	B (mm)	C (mm)	D (mm)	QTY HOPPER	SUPPORT X LEGS	WEIGHT (LBS)
CA-4	S	2	4	1041	954	2870	238	1	4	1800
CA-6	S	2	6	1041	1364	2870	238	1	4	2000
CA-8	S	2	8	1041	1774	2870	238	1	4	2200
CA-10	S	2	10	1041	2184	2870	238	1	4	2400
CA-12	S	3	12	1551	1774	3312	300	1	4	3300
CA-15	S	3	15	1551	2184	3312	300	1	4	3600
CA-16	S	4	16	2008	1774	4093	350	1	4	3260
CA-18	S	3	18	1551	2594	3312	350	1	4	3560
CA-20	S	4	20	2008	2184	4093	350	1	4	4075
CA-24	S	4	24	2008	2594	4093	350	1	4	4900
CA-25	D	5	25	2518	2184	4093	350	1	4	5090
CA-30	D	5	30	2518	2594	4093	350	1	4	5900
CA-36	D	6	36	2975	2594	4093	350	2	4	7400
CA-42	D	7	42	3485	2594	4093	350	2	4	9000
CA-48	D	8	48	3942	2594	4093	350	2	4	11500
CA-54	D	9	54	4452	2594	4093	350	2	4	13100
CA-60	D	10	60	4909	2594	4093	350	2	4	14700
CA-66	DC	11	66	5419	2594	3871	350	2	6	16000
CA-72	DC	12	72	5876	2594	3871	350	2	6	17700
CA-78	DC	13	78	6386	2594	3871	350	2	6	19250
CA-84	DC	14	84	6843	2594	3871	350	2	6	20800
CA-90	DC	15	90	7353	2594	3871	350	2	6	22400
CA-96	DC	16	96	7810	2594	3871	350	2	6	24000
CA-102	DC	17	102	8320	2594	3871	350	2	6	25500
CA-108	DC	18	108	8777	2594	3871	350	2	6	27100
CA-114	DC	19	114	9287	2594	3871	350	2	6	28600
CA-120	DC	20	120	9744	2594	3871	350	2	6	30150
CA-126	DC	21	126	10254	2594	3871	350	2	6	31800
CA-132	DC	22	132	10711	2594	3871	350	2	8	33300
CA-138	DC	23	138	11221	2594	3871	350	2	8	34900
CA-144	DC	24	144	11678	2594	3871	350	2	8	36400
CA-150	DC	25	150	12188	2594	3871	350	2	8	38000

- The dust collector "CARTFILTER CA" are available with one or two hopper (s)
- The choice of a dust collector depends on the filtering ratio to be used
- Factors to consider:
 - Type of particles
 - Concentration
 - Grain size
 - Humidity

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

FEATURES:

- Air recirculation
- Conserves energy, recycles heat, conditions air
- Compact low profile
- Automatic cleaning of the media by pulsed high pressure air provides a non-stop operation, saving valuable work time and productive machine hours
- Low cost maintenance
- Available in pull-through (vacuum) or blow-through arrangements



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 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 the atmosphere. The filter media is cleaned by automatically «pulsed» high-pressure air.

CONSTRUCTION

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

PAINTING AND 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

- Compressed air cleaning system operating at 90 PSIG
- Prewired electrical control panel for automatic filter cleaning
- Structural support frame
- Access door to the cartridges filter section
- Access ladder and platform
- Fire and heat detector
- Differential pressure gauge
- Sprinkler system in the clean air plenum
- Access door in the hopper

OPTIONAL EQUIPMENT

- Cartridges filter
- Counterbalanced back-pressure damper
- Explosion relief panels
- Insulation
- Recovery system below the hopper (containers, screw conveyor, rotary valve)

