

FILTER CARTRIDGE

**HIGH EFFICIENCY CARTRIDGE DEDUSTING FILTERS
SELF-CLEANING BY COMPRESSED AIR**



The **CARTRIDGE FILTERS** have been designed to satisfy different filtration requirements; easy to install and of low power consumption, they allow a dust **outlet concentration lower than 5 mg / Nmc D**

WORKING

Polluted air enters into the filter through a pre-chamber that allows larger particles to separate in the hopper; the flow deposits the pollution outside the cartridges, while the clean air goes out through the filter head. An electronic cyclic panel arranges cartridges cleaning with compressed air in a sequential way.

APPLICATIONS

- ◆ GENERAL DEDUSTING
- ◆ CHEMICAL WORKS
- ◆ PHARMACEUTICAL WORKS
- ◆ PLASTIC WORKS
- ◆ GRINDING
- ◆ SANDBLASTING
- ◆ SILOS VENT
- ◆ EPOXY PAINTING
- ◆ FOOD POWDERS
- ◆ CALCIUM CARBONATE
- ◆ CEMENT
- ◆ CARBON BLACK
- ◆ PIGMENTS
- ◆ TALK
- ◆ PAINTS

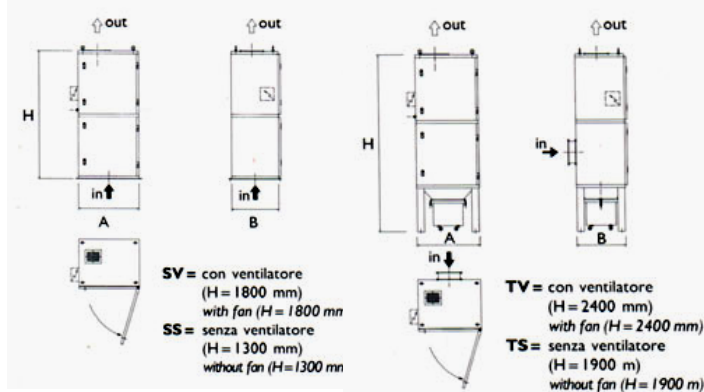
Cartridge Filters PC

TECHNICAL DESCRIPTION

The filters body is made of panels with pre-chamber for larger particles separation and head with compressed air tank, electro valves for cartridges cleaning and centrifugal fan. Lower door for rapid cartridges extraction and higher door for electro valves and fan maintenance. Filtering elements in micro cellulose fibre or polyester of 7-10-20 mq. based on dust to be treated, supplied with BIA and ASHRAE certificates. Hopper with dust bin, complete with support legs or with drawer. Electronic panel for cartridges cleaning cycle with adjustable time and frequency cleaning. Optional: power control box (IP 55) for fan and differential gauge control.

Puls® Cartridges

PULSATRON PC.../SV e PULSATRON PC.../SS PULSATRON PC.../TV e PULSATRON PC.../TS



MODELS

CODE	FILTERING SURFACE mq.	CAPACITY mc/h	H total mmH ₂ O	Power inst. KW	A mm	B mm	H mm	Inlet Ø mm
PC2/TV	20	1200	150	1,1	850	650	2400	200
PC2/TV-H	20	1500	200	1,5	850	650	2400	200
PC2/TS	20	1000/2000	---	---	850	650	1900	200
PC2/SV	20	1200	150	1,1	850	650	1800	200
PC2/SS	20	1000/2000	---	---	850	650	1300	200
PC4/TV	40	3000	170	3	850	900	2400	250
PC4/TV-H	40	2500	230	3	850	900	2400	250
PC4/TV-Q	40	4000	180	4	850	900	2400	300
PC4/TS	40	2000/4000	---	---	850	900	1900	250
PC4/SV	40	3000	170	3	850	900	1800	250
PC4/SS	40	2000/4000	---	---	850	900	1300	250
PC6-8/TV	60	4000	180	4	1700	900	2400	300
PC6-8/TS	60	3000/6000	---	---	1700	900	1900	300
PC8/TV	80	6000	200	5,5	1700	900	2400	2 x 250
PC8/TV-S	80	7000	250	7,5	1700	900	2400	2 x 250
PC8/TS	80	4000/8000	---	---	1700	900	1900	2 x 250
PC8/SV	80	6000	2000	5,5	1700	900	1800	2 x 250
PC8/SS	80	4000/8000	---	---	1700	900	1300	2 x 250
PC12/TV	120	8000	230	7,5	2550	900	2400	3 x 250
PC12/TS	120	6000/12000	---	---	2550	900	1900	3 x 250
PC12/SS	120	6000/12000	---	---	2550	900	1300	3 x 250
PC16/TV	160	11000	210	5,5 + 5,5	3400	900	2400	4 x 250
PC16/TV-S	160	14000	250	7,5 + 7,5	3400	900	2400	4 x 250
PC16/TS	160	8000/16000	---	---	3400	900	1900	4 x 250
PC16/SS	160	8000/16000	---	---	3400	900	1300	4 x 250