

PPC Series



Small-sized dust collectors with moderate pressure medium blow force for high-density, fine particles treatment, each of which can be used as a ventilation system for hopper, silo, or the junction between conveyors. Structured with a small bottom flange and can be installed in limited floor space between various types of your factory equipment. With an optional fan motor, the PPC Series can also be used for collecting fine particles by means of vacuuming.



Molded filter



Pulse jet



General dry dust



Max. airflow

The pulse jet dust collector for integration and optimization of your factory facilities

- Maintain stabilized dust collection performance for a long time via the shake-out mechanism shaking fine particles out of the newly developed Jet Amp Filters using high-pressure pulse jet.
- The pulse jet system uses the operation of a solenoid valve to instantly release compressed air into the interior of molded filters to shake fine particles out of each other.
- Four types of filter materials are available. Select one best fit to the fine particles to be collected.

Molded cartridge filter



The pulse jet dust collector for integration and optimization of your factory facilities

Material: Polyester

Surface treatment: –

Corresponding models: PPC

Application: General dried particles (particle diameter about 10 μ m)

Features

- For dust having a particle diameter of about 10 μ m.
- Collecting efficiency: Good, Particle diameter about 10 μ m
- Heat resistant temperature (F): Normal temperature 40°C (104°)
- Dust removal: Pulse jet

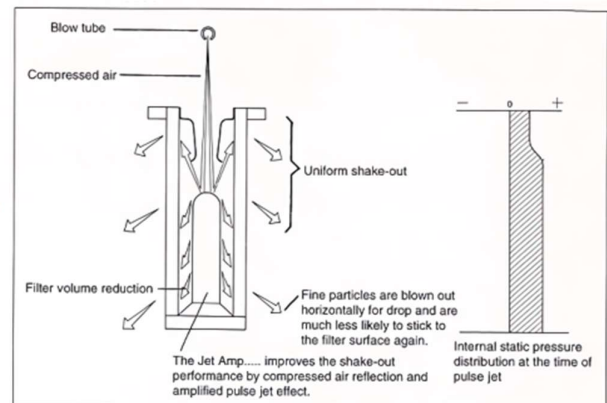
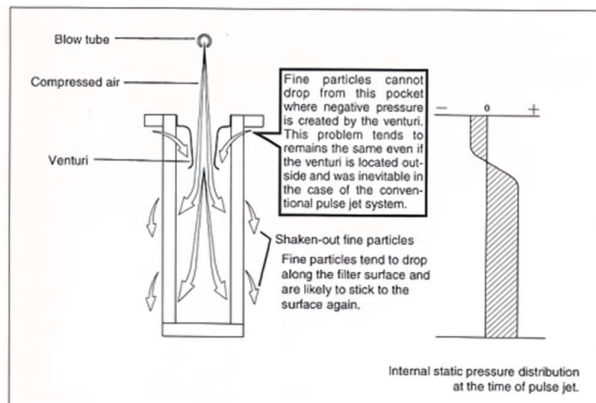
Various type of filter is available



Jet Amp filter

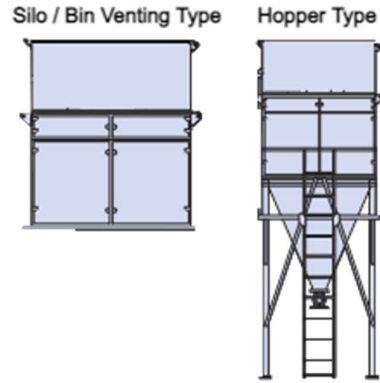


The Jet Amp filter incorporates a Jet Amp (fill unit) in it reducing the internal volume of the filter. The reflection of compressed air on top of the Jet Amp and the pulse jet effect amplified by the reduced internal volume enables the Jet Amp filter to shake out of the filter top sticky fine particles which were difficult to be shaken out by the conventional pulse jet system, as well as to effectively and uniformly shake the entire filter, for improved cleaning.

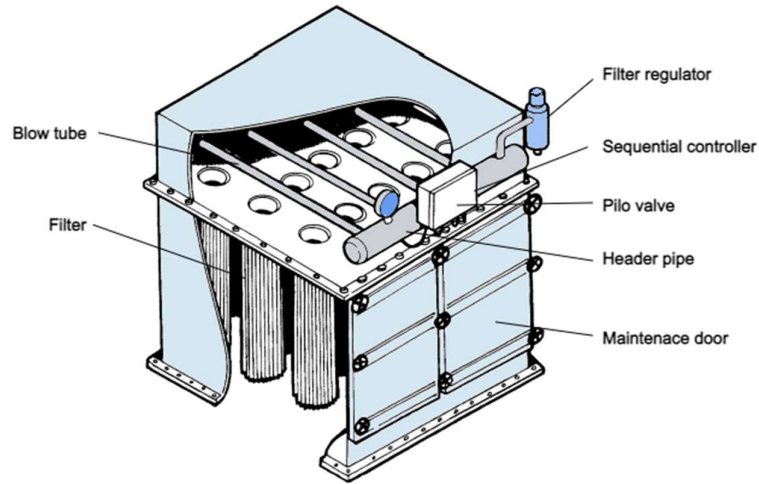


Various combination

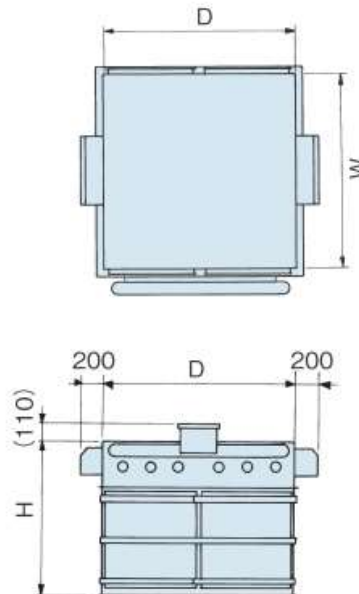
Silo / Bin Venting type or Hopper type with cartridge filtration flexibility. Ideal for grain, seed, feed, carbon and other applications.



Internal Structure



Internal View



Sample Installation



Air purge from silo hopper compressed air purge collection of fine particles from conveyors locally installed dust collectors for very fine high-density particles

SPECIFICATION

Model	Dimension (Unit:mm)			Filter Area m2	No of Filter pcs	Weight kg
	W	D	H			
PPC-1022	605	605	855	2.8	4	140
-2022			1105	5.6		160
-3022			1355	8.4		180
-1032		855	855	4.2	6	170
-2032			1105	8.4		200
-3032			1355	12.6		230
-1042		1205	855	5.6	8	220
-2042			1105	11.2		260
-3042			1355	16.8		300
-1033	855	855	855	6.3	9	210
-2033			1105	12.6		240
-3033			1355	18.9		270
-1043		1205	855	8.4	12	260
-2043			1105	16.8		300
-3043			1355	25.2		350
-1053		1455	855	10.5	15	320
-2053			1105	21		370
-3053			1355	31.5		420
-1063		1705	855	12.6	18	360
-2063			1105	25.2		420
-3063			1355	37.8		480

-1044	1205	1205	855	11.2	16	350
-2044			1105	22.4		410
-3044			1355	33.6		470
-1054		1455	855	14	20	420
-2054			1105	28		490
-3054			1355	42		560
-1064		1705	855	16.8	24	480
-2064			1105	33.6		560
-3064			1355	50.4		640
-1045	1455	1205	855	14	20	420
-2045			1105	28		490
-3045			1355	42		560
-1055		1455	855	17.5	25	490
-2055			1105	35		570
-3055			1355	52.5		650
-1065		1705	855	21	30	550
-2065			1105	42		630
-3065			1355	63		720
-1046	1705	1205	855	16.8	24	460
-2046			1105	33.6		530
-3046			1355	50.4		600
-1056		1455	855	21	30	530
-2056			1105	42		610
-3056			1355	63		690
-1066		1705	855	25.2	36	600
-2066			1105	50.4		690
-3066			1355	75.6		780