

DUST COLLECTOR FOR HIGH VACUUM

Standard Features & Benefits:

- Heavy duty 4 & 6 mm stainless steel construction .
- Vessel strength: 17 in Hg vacuum, 8 psi positive pressure (without explosion vent).
- Flanged, tangential inlet minimizes dust contacting the filters.
- Can be configured as a stand-alone dust collector or without hopper and support structure for bin vent applications.
- Pulse-cleaning system includes field-mountable, solid state control panel.
- Horizontal explosion vent.
- Bag-in/Bag-out filter access door for pharmaceutical hazardous dusts.
- Continuous liner discharge for pharmaceutical/hazardous dusts.
- Discharge collection devices such as a 200 litter drum or self-dumping hopper.

Standard Types	Filter Type	Filter Area m ²	Airflow m ³ /h	Dimensions (mm)			Weight
	Ø x L			Ø	W	H	Kg
DCT-02HV	380 x 1000	34	1000 - 2000	1,250	1,500	4,000	1,200
DCT-04HV	380 x 1000	68	2000 - 4000	1,500	1,750	4,000	1,440

Circular body:

Standard for 50% vacuum.

High Efficiency Filter:

Cartridge or pleated bag for lower operating different pressure.

Internal Baffles:

Internal Baffles protect the filters from incoming dust and operate the larger dust articles, which fall directly into the hopper, reducing the load on the filters.

A Wide Range Application:

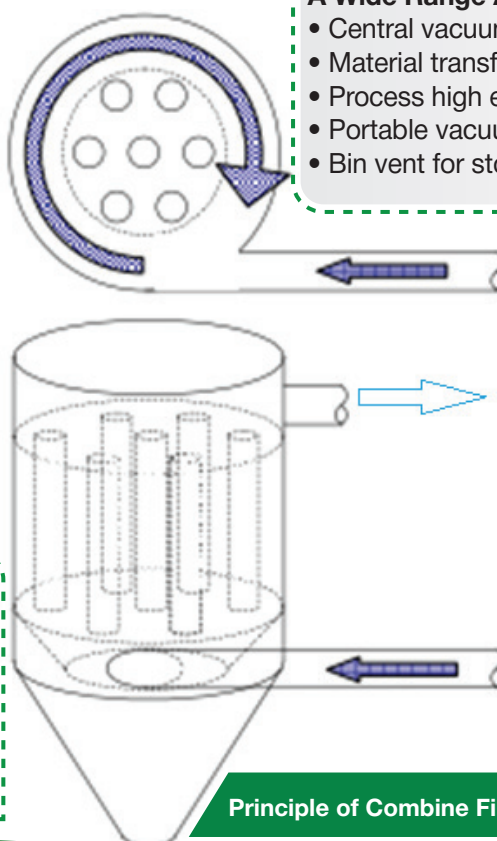
- Central vacuum cleaning system
- Material transfer (negative and positive pressure)
- Process high extraction dust
- Portable vacuum unit replacement
- Bin vent for storage silo, feeder hopper...

Side Outlet:

Clean air exhausted by high pressure blower or Vacuum pump.

Tangential Inlet:

Mixing of high concentration dust is separated by centrifuge force.



Principle of Combine Filter