

SI Series



By replacing the filter from the side instead of from the top of the dust collector, you can easily and safely replace the filter. Since the Woven filter (envelope type) has a large amount of deformation during pulse jet, it has an excellent dust remobale effect and can exhibit stable dust collection performance. Uses a down flow that prevents collected dust in the dust bucket from reattaching to the filter surface.



Woven Plate filter



Pulse jet



General dry dust



Max Filter area

Down flow & Side inlet Dust Collector

- Dust collection of adhesive powder
- Powder recovery including silo air removal
- Powder with low bulk density that requires downflow
- You can select the most suitable material for the sewing filter according to the application.

Tetoron felt woven filter

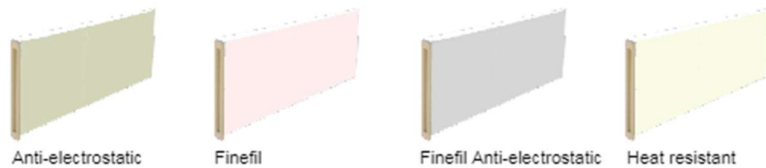


Material: Polyester
Surface treatment: Singed
Corresponding models: SI
Application: General dried particles (particle diameter about 10 μ m)

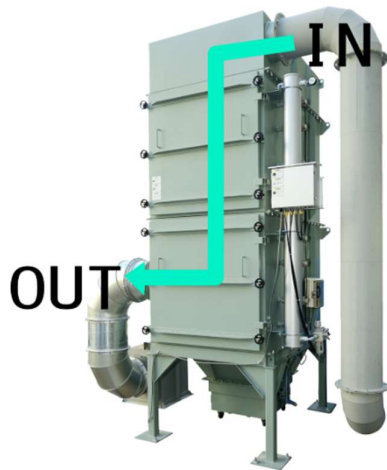
Features

- General dried particles (particle diameter about 10 μ m)
- Standard filter. The most widely used item.
- Collecting efficiency: Good
- Heat resistant temperature (F): Normal temperature 80°

Various filter is available

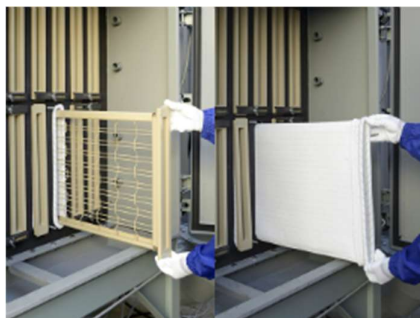


Down flow



Uses a down flow that prevents collected dust in the dust bucket from reattaching to the filter surface. The best choice for low bulk density powder applications.

Easy filter replacement



Can be replaced filter from the outside safely and Hygienically

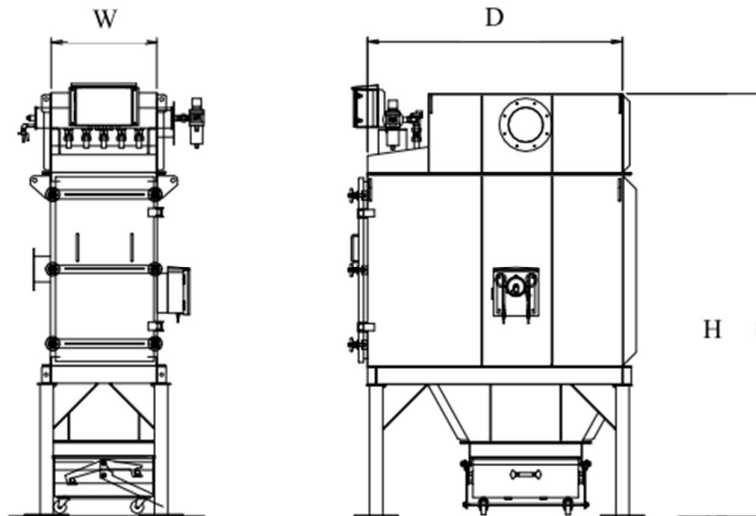
The filter can be installed and removed from the outside safely and Hygienically by the side approach method.

Flexible module design



Module structure with a filter area
The lineup of filter area is 10/20/40/80/100m²

Dimension



Specifications

Model	DIMS			Filter Area	Filter length	No. of valves	Air supplied quantity	Weight
	W	D	H	m ²	mm		L/min	kg
SI-0502	600	1450	2400	10	1083	5	60	680
SI-1002	1100	1450	2400	20	1083	10	125	950
SI-1004	1100	1450	3500	40	1083	8	100	1300
SI-2003	2200	1500	2950	60	1083	12	150	2050
SI-2004	2200	1500	3500	80	1083	16	200	2500
SI-2005	2200	1500	4050	100	1083	20	250	3000