

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

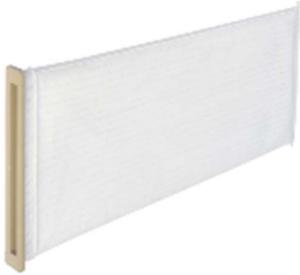


Max Filter area

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

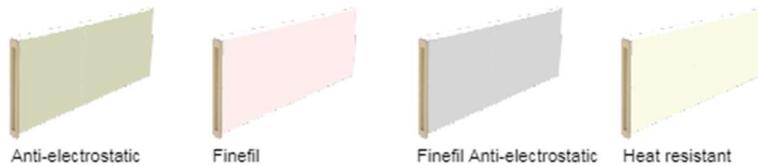


Material: Polyester
Surface treatment: Singed
Corresponding models: SI
Application: General dried particles (particle diameter about 10µm)

Features

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

Various filter is available



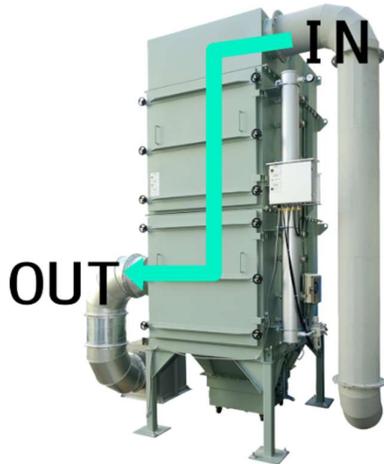
Anti-electrostatic

Finefil

Finefil Anti-electrostatic

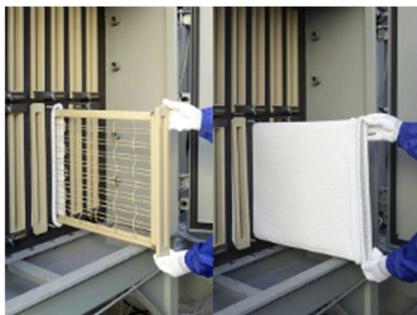
Heat resistant

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

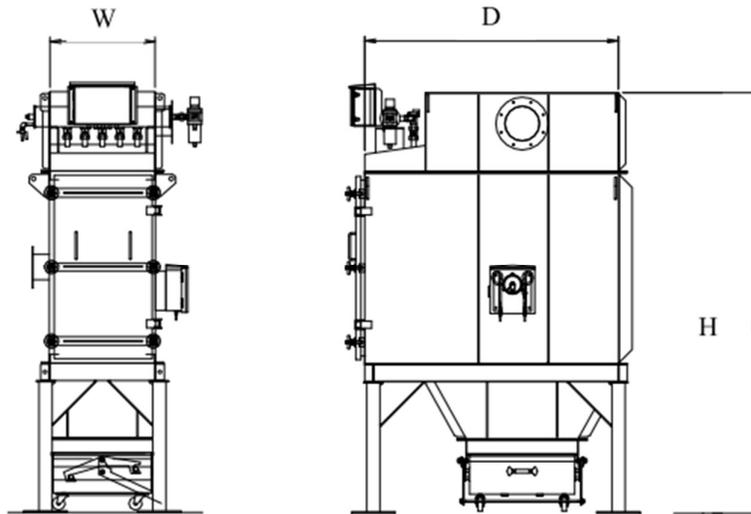
The filter can be installed and removed from the outside safely and Hygienically by the side approach method.

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 | | | | | |
| 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 |