

## Central Safety Filter

***Designed to automatically collect and remove dust and fines from conveyed material.***

Comet's CCSF series large capacity central safety filter operates in conjunction with a central loading system to filter dust and fines from material and protect the vacuum blower from damage prolonging its service life. The self-cleaning function efficiently cleans the filter reducing manual cleaning. The CCSF is equipped with a vacuum breaking valve that not only protects the blower, but also accelerates conveying and loading time.

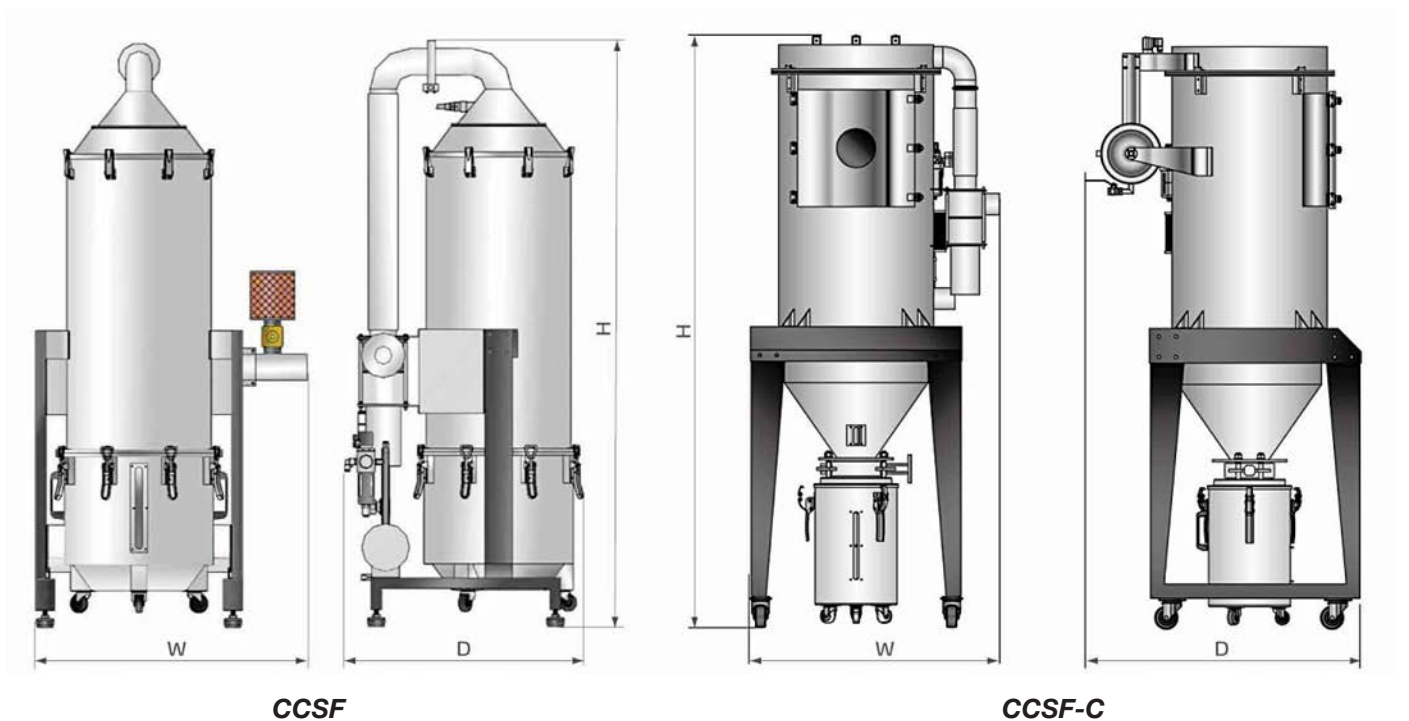
In central conveying systems, dust in the material, or when transported over long distances, goes into the separator and then into a dust removal device. The dust removal device uses a cyclone dust cleaning machine equipped with filters. The filter accuracy of Comet's standard CCSF central filter is 90µm, for higher accuracies a filter up to 5µm can be chosen.

### Features

- Corrosion free stainless steel filter bin and dust collection bin, connected to the main unit, facilitates dust cleaning.
- A one-way reverse air valve and filter is not only convenient for high pressure air out during reverse cleaning, but keeps dust from escaping from the joint of the dust collection bin and dust filter tank.
- The air pipe and steel wire pipe on the dust filter tank cover utilize a quick disconnect coupling for easy filter cleaning.
- The filter is located inside to trap fines and dust within the system.
- Pressurized air accumulator supplies high pressure air when running in self-cleaning mode.
- Filter can be placed away from the production area to keep the work environment clean and dust-free.
- A high pressure air regulator is located within the filter.
- Shockproof floor stand ensures safe, stable operation.
- Internal filter efficiently filters dust within the system.
- Equipped with a high pressure air regulator inside the filter.



**CCSF-300**



## Specifications

Model	Max. Air Quantity (m3/min)	Inlet Dia. (inch)	Dust Collection Bin Capacity		Dimensions (H x W x D)		Weight	
			L	Gal	Inch	mm	lbs	kg
CCSF100	6	2	25	6.6	53 x 28 x 22	1350 x 720 x 570	187	85
CCSF-200	10	2.5	34	9	64 x 28 x 22	1620 x 720 x 570	198	90
CCSF-300	16	3	52	13.7	67 x 31.5 x 27.5	1700 x 800 x 700	265	120
CCSF-400-C	16	3	27	7	83 x 35 x 39	2100 x 900 x 990	298	135

Note: Air supply: 4 ~ 6 kgf/cm2  
Voltage 24V DC

We reserve the right to change specifications without prior notice.