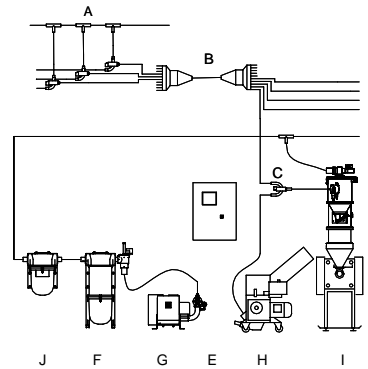


Typical Setup for a multiple vacuum conveying system.

- A Material clearing valve
- B Rotary valve
- C Proportioning valve
- D Vacuum receiver
- E Conveying Control
- F Central filter
- G Vacuum pump
- H Granulator
- I Plastic processing machine
- J Cyclonic Pre-Filter



Component J is described below.

Brief Description

Application

The cyclonic chamber is used as a pre-filter in central dust and fine systems to protect the vacuum pump from damage. It operates as part of a central conveying system. The centrifugal force from the intake air causes the spinning motion of the rotor to separate particles from the air stream. The unit is 85% efficient up to 15 microns.

- Colortronic central filters are designed for continuous, 24 hour operation.
- Central filters are designed to protect the central vacuum pump.
- Pre-filters are used in high dust loading applications.
- Pre-filters create cyclonic motion to separate large dust particles from the air stream.
- Pre-filters are recommended when conveying dusty materials and high levels of regrind materials.
- Pre-filters must always be used in conjunction with a central filter (sold separately).

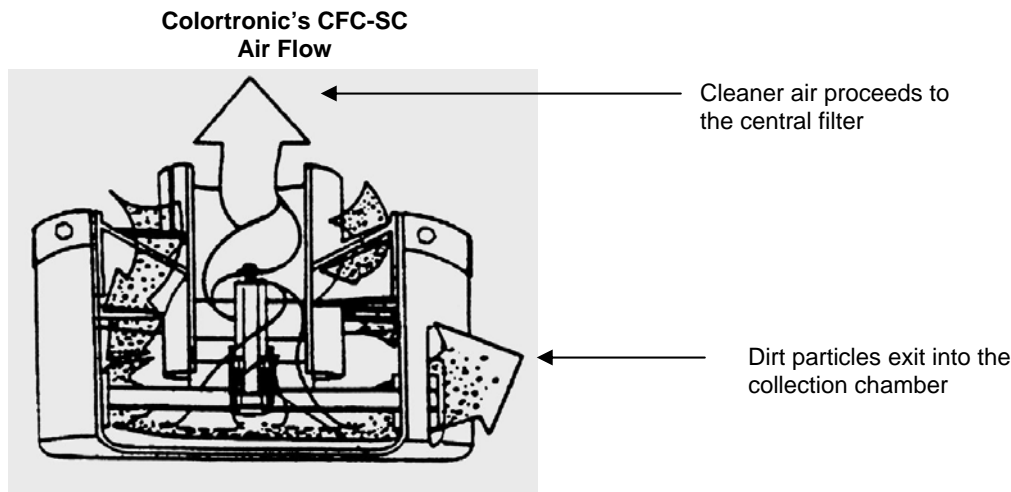
Rugged, modular construction

The central filter is made out of corrosion and abrasion resistant stainless steel and aluminum and non-corrosive engineering resin. The see-through collection chamber is easily removed by quick disconnects. The unit is easy to operate, access, and maintain.

Note: Consult factory for glass-filled material conveying applications.



CFC-SC Filter



Technical Information

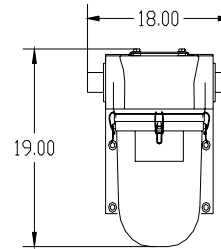
Standard Specifications

- **Extreme duty filtration** for high dust loading applications
- Designed for central conveying applications
- **Significantly increases** the life of the central filter element
- Wall-mount configuration
- See-through plexiglass collection chamber with quick disconnect clamps
- Line sizes available: 1.5" (40 mm), 2" (50 mm), 2.5" (65 mm), 3.0" (76 mm), 3.5" (89 mm), 4.0" (102 mm)
- Patented design
- The CFC-SC pre-filter is 85+% efficient up to 15 microns

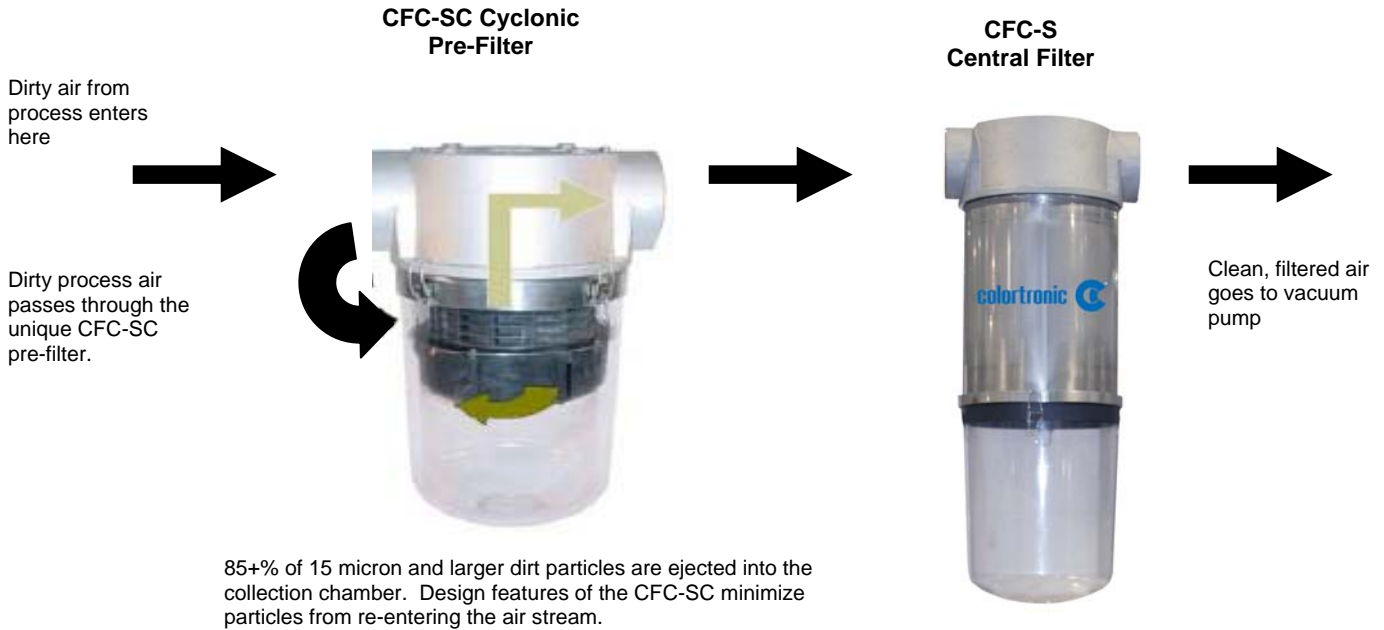
Optional Features

- Leg kit for floor mounting

Outline Drawing with Dimensions



HOW IT WORKS



Note: A central filter is required and must be used in conjunction with this pre-filter.