Technical Specifications

SFC-SC Central Vacuum Cyclonic Pre-Filter is an in line pre-filter that can be placed in any central conveying system. Pre-filters must always be used in conjunction with a central filter. It is designed to extend the life and efficiency of your vacuum pump filter as well as protect the pump from damage.

Through the use of Cyclonic technology, it reduces the amount of dust and fines that can get to your primary pump filter. The centrifugal forces from the intake air cause a spinning motion of the air in the rotor to separate particles from the air stream. The unit is 85% efficient up to 15 microns. All SFC-SC pre-filters come standard with a clear collection chamber to allow plant personnel to easily determine when the filter requires cleaning.

Features

Standard Features
- 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
- Transparent collection chamber with no tools required quick disconnects

Optional Features
- Leg kit for floor mounting

Line sizes available:
- 1.5” (40 mm)
- 2.0” (50 mm)
- 2.5” (65 mm)
- 3.0” (76 mm)
- 3.5” (89 mm)
How it Works

SFC-SC Cyclonic Pre-Filter
Dirty air from process enters here
Dirty process air passes through the unique SFC-SC pre-filter

SFC-S Central Filter
Cleaner air then proceeds to the primary pump central filter
Clean, filtered air goes to the vacuum pump

85+% of 15 micron and larger dirt particles are ejected into the collection chamber.
Design features of the SFC-SC minimize particles from re-entering the air stream.
Note: A central filter is required and must be used in conjunction with this pre-filter

SFC-SC Airflow

Cleaner air proceeds to the central filter
Dirt particles exit into the collection chamber