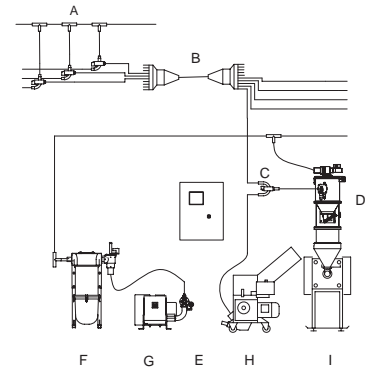


Typical set up for a multiple vacuum conveying system.

- 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

Component F is described below.



Brief Description

Application

The filter system is used as a central dust and fine collection receiver to protect the vacuum pump from damage. It operates as part of a central conveying system and is controlled by the central conveying control panel.

- Sterling central filters are designed for continuous, 24 hour operation.
- Central filters are designed to protect the central vacuum pump

Rugged, modular construction

The central filter is made out of corrosion and abrasion resistant stainless steel and cast aluminum. The cleaning of the integrated filter is accomplished automatically with either implosion or compressed air blowback. The see-through collection chamber is easily removed by quick disconnects. The unit is easy to operate, access, and maintain.



CFC-S (shown with standard implosion blowback filter cleaning)

Technical Information

Standard Specifications

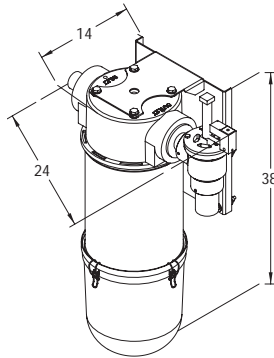
- Filter surface area of 50 sq. ft. (4.64 m²), rated for systems up to 360 cfm.
- 24 V DC control voltage
- Operates at 60-80 PSI (4.1-5.5 bar)
- Wall-mount
- See-through plexiglass collection chamber with quick disconnects
- Line sizes available: 1.5" (40 mm), 2" (50 mm), 2.5" (65 mm), 3" (76 mm), 3.5" (88 mm), or 4" (110 mm)
- Local I/O control
- Designed for central conveying applications
- Shipping weight: 85 lbs.

Optional Features

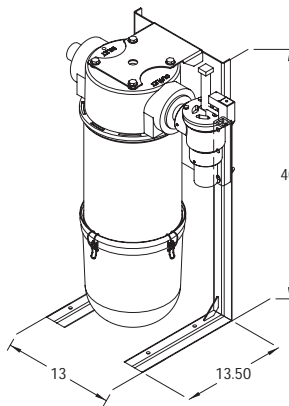
- Leg kit for floor mounting
- Mounting bracket for SPC pump mounting
- Compressed air blowback with or without integrated controller (110 V AC or 24 V DC)
- 110 V AC control voltage
- Distributed I/O control
- Cyclone pre-filter for high dust applications – CFC-SC filter

Dimensions

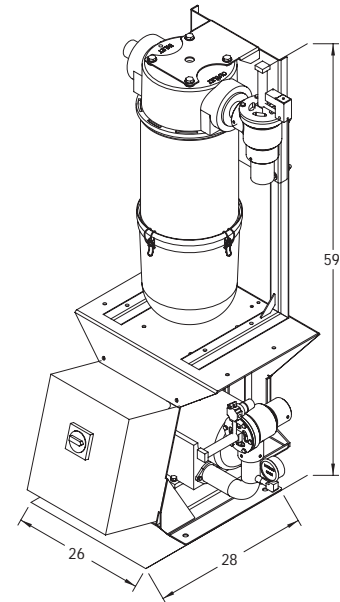
Wall mount



Floor mount

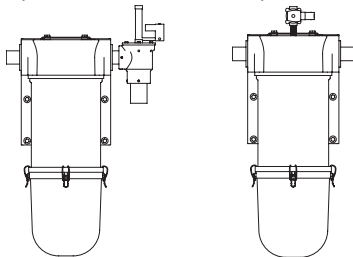


SPC Pump mount



Filter Cleaning Options

Implosion Blowback Compressed Air Blowback



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