



# WHITLOCK-MATERIAL HANDLING

## AFC-S SERIES CENTRAL VACUUM SAFETY FILTER



### AFC-S CENTRAL VACUUM SAFETY FILTER

The AFC-S Safety Filter 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. 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 compressed air blowback. The transparent collection chamber is easily removed by quick disconnects. The unit is easy to operate, access, and maintain.

### STANDARD FEATURES

- Filter surface area of 50 sq. ft. (4.62 m<sup>2</sup>), rated for systems up to 300 cfm
- 1/2" compressed air blowback solenoid
- 24V DC control voltage
- Operates at 80 PSI (4.1-5.5 bar)
- Wall-mount configuration
- Transparent plexiglass collection chamber with quick disconnects
- Line sizes available: 1.5" (40mm), 2" (50mm), 2.5" (65mm), 3" (76mm), 3.5" (88mm), or 4" (110mm)
- Designed for central conveying applications

### OPTIONAL FEATURES

- Leg kit for floor mounting
- Mounting bracket for APC pump mounting
- Compressed air blowback with integrated controller (110V AC or 24V DC)
- 110V AC control voltage
- Distributed I/O control



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## AFC-SC SERIES CENTRAL VACUUM CYCLONIC PRE-FILTER



### AFC-SC CENTRAL VACUUM CYCLONIC PRE-FILTER

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.

### RUGGED, MODULAR CONSTRUCTION

The central pre-filter is made out of corrosion and abrasion resistant stainless steel and aluminum and non-corrosive engineering resin. The transparent 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

### STANDARD FEATURES

- Rated for systems up to 300 cfm
- 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)

### OPTIONAL FEATURES

- Leg kit for floor mounting

Note: Pre-filters must always be used in conjunction with a central filter



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