



SRC/AV-5 VACUUM RECEIVER AND FILTER CHAMBER

SRC/AV-5 vacuum receivers are used to convey compound materials in a centralized conveying system. Combined with the APD-x Air vacuum pump, the SRC/AV-5 provides a highly efficient conveying system for free-flowing or hard-to-flow compounds in an ultra-quiet sound package. An optional 70 degree cone is available with mechanical or air operated flow aid systems for hard-to-flow compounds.

A unique filter cleaning method uses atmospheric plant air instead of compressed air which provides energy efficient filter cleaning. This system reduces overall compressed air usage saving energy and operating costs.

STANDARD FEATURES

- Flange-mount configuration
- Brushed stainless steel construction. Painted cover assembly
- Integral material demand/level sensor
- Internal check valve on material inlet for 2.0", 2.5" and 3.0"
- Removable aluminum material inlet:
SRC08-16: Removable aluminum (2.0-3.5" O.D.)
SRC30-60: Removable aluminum (2.5-3.5" O.D.)
SRC/AV-5 receivers include angled, counter-weighted discharge throat with gasket seal (SRC08-16 -4" throat, SRC30-60 - 6" throat)
- Dual atmospheric valves for control of the vacuum and filter cleaning cycle
- Air operated vacuum sequencing valves built into cover of unit. No need for an additional sequence valve
- Low maintenance design. No tools required for filter bag cleaning/changes
- Large filter bag area for low pressure drop and good material/air separation
- Filter bags for better dust release
- Quick access latched cover design
- Hopper mounted control of cleaning cycle

OPTIONAL FEATURES

- Air operated slide gate in lieu of standard discharge
- Riser mount configuration (not available when slide gate option is selected)
- Special mounting flange pattern (consult factory)
- Optional filter media
- 70 degree cone for hard to flow materials (not available on SRC08 and SRC16 models).





SRC/AV-10 VACUUM RECEIVER AND FILTER CHAMBER

SRC/AV-10 vacuum receivers are used to convey compound materials in a centralized conveying system. Combined with the APD-x Air vacuum pump, the SRC/AV-10 provides a highly efficient conveying system for free-flowing or hard-to-flow compounds in an ultra-quiet

sound package. A unique filter cleaning method uses atmospheric plant air instead of compressed air which provides energy efficient filter cleaning. This system reduces overall compressed air usage saving energy and operating costs.

OPTIONAL FEATURES

- 24 VDC, 115 VAC and 24 VAC control voltage
- Capacitive volume fill sensor in vacuum receiver
- Air operated slide gate in lieu of standard discharge (4" slide gate for SRC 16, CSR45; SSR45; 6" slide gate for SRC30, CSR85, SSR85)
- Remote demand sensor for material demand
- Distributed I/O cable connection kit
- Riser mount configuration (not available when slide gate option is selected)
- Special mounting flange pattern (consult factory)

STANDARD FEATURES

- Flange mount configuration
- Brushed stainless steel construction. Painted cover assembly
- Integral material demand/level sensor
- Internal check valve on material inlet for 2.0", 2.5" and 3.0" Note: Consult factory for line sizes larger than 3.0" OD.
- Removable aluminum material inlet:
 - SRC08-16; CSR23-45; SSR23-45: Removable aluminum (2.0-3.5" O.D)
 - SRC30-60; CSR85-170; SSR85-170: Removable aluminum (2.5-3.5" O.D)
- Angled, counter-weighted discharge throat and gasket seal:
 - SRC08-16; CSR23-45; SSR23-45 – 4" throat
 - SRC30-60; CSR85-170; SSR85-170 – 6" throat
- Dual atmospheric valves for control of the vacuum and filter cleaning cycle
- Air operated vacuum sequencing valves built into cover of unit. No need for additional sequence valve
- Low maintenance design. No tools required for filter bag cleaning/changes
- Large filter bag area for low pressure drop and good material/air separation
- 60° cone section is standard on SRC08-16; CSR23-45; SSR23-45 models CSR85-170; SSR85-170 models
- Acrylic lined filter bags for better dust release
- Auxiliary output provided for control of optional air slide gate
- Quick access latched cover design
- Hopper mounted control of filter cleaning cycle

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AEC is committed to a continuing program of product improvement. Specifications, appearances and dimensions are subject to change without notice.
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