

SSR/AV-5 SERIES

Sterling

Vacuum Receiver/Filter Chamber Combinations

SSR/AV-5 SERIES VACUUM RECEIVER/ FILTER CHAMBER COMBINATIONS

SSR/AV-5 vacuum receivers are used to convey free-flowing granular, powdered or regrind materials in a centralized conveying system. These receivers should not be used for conveying materials that are not free flowing. **Consult factory for all glass-filled material conveying applications.**



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:
SSR23-45—Removable aluminum (2.0-3.5" O.D)
SSR85-170—Removable aluminum (2.5-3.5" O.D)
SSR/AV-5 receivers include angled, counter-weighted discharge throat with gasket seal (SSR23-45 - 4" Throat, 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 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
- Acrylic lined filter bags for better dust release and filter performance
- Auxiliary output provided for control of optional air slide gate
- Quick access latched cover design
- Hopper mounted control of cleaning cycle

Options

- 24 VDC control voltage
- 115 VAC control voltage
- Capacitive volume fill sensor in vacuum receiver
- Air operated slide gate in lieu of standard discharge (4" slide gate for SSR23/45; 6" slide gate for SSR85/170)
- 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)
- Optional filter media
- 70 degree cone for hard to flow materials (not available on SSR23 and SSR45 models)

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SPECIFICATIONS

Model	Filter Area, sq ft, (m ²)	Inlet/Outlet Range, in. (mm)	Receiver Capacity, cu. ft. (lbs)	Receiver Capacity, liters	Dimensions H x W, in. (cm)	Shipping Weight, lbs. (kg)
23	5 (0.46)	2, 2.5, 3 (51, 64, 76)	0.8 (25)	22	35 x 14 (89 x 36)	85 (39)
45	5 (0.46)	2, 2.5, 3, 3.5 ¹ (51, 64, 76, 89)	1.6 (50)	45	41 x 14 (104 x 36)	88 (40)
85	5 (0.46)	2.5, 3, 3.5 (64, 76, 89)	3.0 (100)	85	56 x 20 (142 x 51)	120 (54)
170	5 (0.46)	2.5, 3, 3.5 (64, 76, 89)	6.0 (200)	170	72 x 20 (183 x 51)	140 (54)

¹ Includes 3.5" to 3" transition on inlet/outlet and 3" check valve on material inlet

DIMENSIONS

