Technical Specifications

SSR/AV-5 & AV-10 vacuum receivers are used to convey free-flowing granular, powdered or regrind materials in a centralized conveying system.

Features

Standard Features
- Flange mount configuration
- 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
- Brushed stainless steel construction. Painted cover assembly
- 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, counterweighted 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 filer 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

Optional Features
- 24 VDC control voltage
- Capacitive volume fill sensor in vacuum receiver
- Remote demand sensor for material demand
- Air operated slide gate in lieu of standard discharge (4" slide gate for SSR23-45; 6" slide gate for SSR85-170)
- Distributed I/O cable connection kit
- Special mounting flange pattern (consult factory)
- Riser mount configuration (not available when slide gate option is selected)
- Optional filter media
- 70 degree cone for hard to flow materials (not available on SSR23 and SSR45 models)
- 115 VAC control voltage SSR/AV-10
- Compressed air fluidizing pad system for receiver cone
### Application Notes

These receivers should not be used for conveying materials that are not free flowing. Consult factory for all glass-filled material conveying applications.

### Specifications

#### SSR-AV-5

<table>
<thead>
<tr>
<th>Model</th>
<th>Filter Area sq ft (m²)</th>
<th>Inlet/Outlet Range in (mm)</th>
<th>Receiver Capacity cu. ft (lbs)</th>
<th>Receiver Capacity Liters</th>
<th>Dimensions H x W in. (cm)</th>
<th>Shipping Weight lbs (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>5 (0.46)</td>
<td>2, 2.5, 3 (51, 64, 76)</td>
<td>0.8 (28)</td>
<td>22</td>
<td>35 x 14 (89 x 36)</td>
<td>85 (39)</td>
</tr>
<tr>
<td>45</td>
<td></td>
<td>2, 2.5, 3, 3.5 (51, 64 76, 89)</td>
<td>1.6 (56)</td>
<td>45</td>
<td>41 x 14 (104 x 36)</td>
<td>88 (40)</td>
</tr>
<tr>
<td>85</td>
<td></td>
<td>2.5, 3, 3.5 (64, 76, 89)</td>
<td>3.0 (105)</td>
<td>85</td>
<td>56 x 20 (142 x 51)</td>
<td>120 (54)</td>
</tr>
<tr>
<td>175</td>
<td></td>
<td>2.5, 3, 3.5 (64, 76, 89)</td>
<td>6.0 (210)</td>
<td>170</td>
<td>72 x 20 (183 x 51)</td>
<td>140 (64)</td>
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</tbody>
</table>

#### SSR-AV-10

<table>
<thead>
<tr>
<th>Model</th>
<th>Filter Area sq ft (m²)</th>
<th>Inlet/Outlet Range in (mm)</th>
<th>Receiver Capacity cu. ft (lbs)</th>
<th>Receiver Capacity Liters</th>
<th>Dimensions H x W in. (cm)</th>
<th>Shipping Weight lbs (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>10 (0.93)</td>
<td>2, 2.5, 3 (51, 64, 76)</td>
<td>0.8 (28)</td>
<td>22</td>
<td>48 x 14 (123 x 36)</td>
<td>85 (39)</td>
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<tr>
<td>45</td>
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<td>2, 2.5, 3, 3.5 (51, 64 76, 89)</td>
<td>1.6 (56)</td>
<td>45</td>
<td>53 x 14 (135 x 36)</td>
<td>88 (40)</td>
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<tr>
<td>85</td>
<td></td>
<td>2.5, 3, 3.5 (64, 76, 89)</td>
<td>3.0 (105)</td>
<td>85</td>
<td>68 x 20 (172 x 51)</td>
<td>120 (54)</td>
</tr>
<tr>
<td>170</td>
<td></td>
<td>2.5, 3, 3.5 (64, 76, 89)</td>
<td>6.0 (210)</td>
<td>170</td>
<td>84 x 20 (213 x 51)</td>
<td>140 (64)</td>
</tr>
</tbody>
</table>