### Technical Specifications

Every Sterling vacuum conveying system uses a remote central filter chamber to eliminate on-the-machine filter maintenance as well as to protect the vacuum pump from damage due to dust or particle ingestion.

For use with any VacTrac™ pump, the SFC Cartridge-style filter chamber features a two-stage dust collector that incorporates a cyclonic vortex separation chamber with a large-capacity cartridge filter element to produce a highly efficient, low-maintenance filter.

The FC Series bag-style filter chambers are used with SPDB or SPDB power units with patented PulseJet™ Blowback for filter cleaning.

### Features

#### Standard Features

**SFC Series**
- Mild steel construction
- Two stage cyclone/cartridge filter design
- 29” high floor stand for drum discharge
- Reverse pulse filter element
- Flapper dump valve and filter shroud

**FC Series**
- Mild steel construction
- 12 oz. glazed polyester felt bags
- Flapper dump valve with floor stand and dust shroud
- 45” floor stand with 38” clearance

#### Optional Features

**SFC Series**
- 45” floor stand, 38” clearance
- 1/2” compressed air solenoid for blowback (less controls)
- 1/2” compressed air solenoid for blowback with stand-alone control assembly
- Removable dust can on 29” floor stand

**FC Series**
- Floor mount configuration
- Floor stand with manual dump valve
- Acrylic filter media
- Gore-Tex® filter media
- Enclosed floor stand
- Spare filter bag rack with polyester bags
- Manual dump configuration
### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Filter Area sq. ft. (sq.m.)</th>
<th>Power unit HP (kW)</th>
<th>Line Size in. dia. OD</th>
<th>Length in. (cm)</th>
<th>Height in. (cm)</th>
<th>Width in. (cm)</th>
<th>Ship Weight lbs. (kg)</th>
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</thead>
<tbody>
<tr>
<td>SFC225</td>
<td>35 (3.25)</td>
<td>5, 7.5, 10, 15 (3.7, 5.6, 7.5, 11.2)</td>
<td>2, 2.5, 3, 3.5, (3 Sch. 5)</td>
<td>20 (51)</td>
<td>73 (185)</td>
<td>20 (51)</td>
<td>160 (73)</td>
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<tr>
<td>SFC1000</td>
<td>55 (5.11)</td>
<td>15, 20, 25, 30, 40, 50 (11.2, 14.9, 18.6, 22.4, 29.8, 37.3)</td>
<td>3.5, (3 Sch. 5), 4, 4.5, (4 Sch. 10), 5, (5 Sch. 10, 6 Sch. 10)</td>
<td>26 (66)</td>
<td>90 (229)</td>
<td>26 (66)</td>
<td>200 (91)</td>
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<td>FC15</td>
<td>14 (1.30)</td>
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<td>28 (71)</td>
<td>28 (71)</td>
<td>62 (157)</td>
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<td>FC30</td>
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<td>28 (71)</td>
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<td>20, 25, 30 (14.9, 18.6, 22.4)</td>
<td>4, 4.5, (4 Sch. 10), 5, (5 Sch 10)</td>
<td>28 (71)</td>
<td>28 (71)</td>
<td>101 (257)</td>
<td>200 (91)</td>
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