Technical Specifications

The Sterling SFC-LP Central Pulse filters are designed for systems with high concentrates of dust and fines. With minimal maintenance, fines are collected in a hopper and removed periodically via a quick open discharge. Filter bags are continuously cleaned with jet pulses of compressed air during the vacuum conveying cycle and a solid state control is included for sequencing of filter cleaning process.

**Features**

**Standard Features**
- Central Pulse Filter
- Continuous Pulse Filter
- Cartridge filter
- Compact design
- Available in multiple sizes for use with vacuum pumps ranging from 5 HP to 30 HP
- Easy maintenance access
- Quick-clean dust discharge cap
- Maximum operating temperature 200°
- Standard operating pressure -14" HG
- Maximum design pressure +/- 17" HG
- Air consumption, approx. 8 SCFM @ 80 PSIG using 0.15 second on time pulse
- 115/1/60 power remote controller - continuous pulse
- Solid-state timer controller

**Optional Features**
- 24 VDC control/24 VDC solenoid
- Special discharge
- Special filter media
- Manual dump valve with dust can
- Air operated slide gate

**Typical Applications**
- Ideal for sheet and Thermoforming applications
- Ideal for regrind conveying applications
- Good for some powder conveying applications
### 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>
</tr>
</thead>
<tbody>
<tr>
<td>SFC-LP60</td>
<td>60 (5.57)</td>
<td>7.5, 10, 15</td>
<td>2.5, 3.0</td>
<td>40.5 (103)</td>
<td>92 (233.7)</td>
<td>36.6 (93)</td>
<td>550 (249.5)</td>
</tr>
<tr>
<td>SFC-LP132</td>
<td>132 (12.26)</td>
<td>20, 25, 30</td>
<td>4.0, 4.5, 5.0, 5.5</td>
<td>45.5 (115.5)</td>
<td>110 (279.4)</td>
<td>45.5 (115.5)</td>
<td>750 (340)</td>
</tr>
</tbody>
</table>

Specifications, appearances, and dimensions are subject to change without notice.

Optional Dust Can Retrofit
- Manual dump valve
- Removable dust can
- Extended legs to fit the dust can under the filter

AFC-LP132 Drawing Shown