The F8220C filter unit is designed for the connection to production line equipment such as reflow or curing ovens and wave solder units. Large filter sizes allow for high airflow rates and assure a long filter life. The unit features multiple filter status indicators, warning lights and a front access door for easy filter maintenance.

**Features and Benefits**
- Fans are designed for consistent airflow performance. Static pressure (suction force), airflow and horse power rating are optimized.
- Large, pleated pre-filter
- High capacity HEPA filter, 99.97% efficiency at 0.3 micron
- Small footprint
- Acoustical liner assures low noise level
- Filter status monitor

**Filtration System**

**Controls and Filter Monitor**
- Unit on/off switch with power indicator light
- Thermal overload protection
- Totalizer to track operating hours
- Filter replacement indicator light and differential pressure gauge

**Accessories / Options**
- AC1017 Connection flange Ø 8”
- AC1002 Connection flange Ø 10”
- AC8002 Air exhaust duct (noise reduction)
- AC8210 Casters (wheels), factory installed
- LT8000 Light tower, factory installed
- OEL8210 Power supply 460V/3Ph for F8210C
- OEL8220 Power supply 460V/3Ph for F8220C
- Various duct connection kits

**Replacement Filters**
- FIL5031 Pre-filter pleated, 60% (3/set)
- FIL0020 HEPA 99.97% at 0.3 micron
- FIL0083 Carbon cartridge 20 lbs

**Specifications**

<table>
<thead>
<tr>
<th>Series</th>
<th>F8220C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recommended air inlet Ø</td>
<td>8” (AC1017)</td>
</tr>
<tr>
<td>Fan capacity</td>
<td>1400 cfm</td>
</tr>
<tr>
<td>System capacity</td>
<td>900 cfm</td>
</tr>
<tr>
<td>Max. static pressure</td>
<td>9” WC</td>
</tr>
<tr>
<td>Power supply</td>
<td>230V, 3Ph, 60Hz</td>
</tr>
<tr>
<td>Motor power</td>
<td>2 HP</td>
</tr>
<tr>
<td>Noise level, approx.</td>
<td>62 dBA</td>
</tr>
<tr>
<td>Dimensions (w/d/h)</td>
<td>38.5”/26”/52”</td>
</tr>
<tr>
<td>Weight (approx.)</td>
<td>420 lbs</td>
</tr>
</tbody>
</table>

Technical specifications are subject to change.