FAN FILTERS

MOUNTING INSTRUCTIONS
1. Cut the mounting hole (when required) in the enclosure using the dimensions shown, respecting the tolerances indicated.
2. Insert the filter into the mounting hole.
   Note: the bottom side is marked by the SCE logo plate down on the right.
3. Push on each corner of the cover so that the filter is correctly clamped.
   Attention: Press on the filter up to the required depth so that the clips return to their original position. Fix the filter using the clips provided or four screws in each corresponding hole within the corners of the base.

ELECTRICAL CONNECTION TO THE FAN FILTERS
The feed voltage and frequency must be according to the rated values stated on the name plates.
The electrical connection must be carried out according to the local norms and safety regulations which govern the use of electrical material.
Electrical connection and repairs must be carried out by qualified personnel only.

REPLACEMENT AND CLEANING OF THE FILTER MEDIA
To remove the filter media, (See fig. A) slide the cover on the base by raising the bottom tongue and pushing it upwards.
The filter media can be cleaned by rinsing, spraying or beating.
Re-insert the cover into the base after cleaning media. The frequency with which the filter media must be replaced depends on the amount of dust accumulated, operating period, and specific working conditions encountered by the user.
Note: an unclean filter media reduces the efficiency of the filter causing insufficient or finally a total lack of ventilation
### Fan and Filter Assembly

<table>
<thead>
<tr>
<th>Filter Assemblies</th>
<th>Detail</th>
<th>Max. Material Thickness</th>
<th>UL Type</th>
<th>Fan and Filter Assembly</th>
<th>Voltage</th>
<th>Airflow CFM (m³/hr)</th>
<th>Noise dB(A)</th>
<th>Power (W)</th>
<th>Current (A)</th>
<th>Weight lbs (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exhaust Filter: SCE-N12FAA33</td>
<td>1</td>
<td>0.078</td>
<td>12</td>
<td>SCE-N12FAA33/115V 230V</td>
<td>115V</td>
<td>13 / 15</td>
<td>37 / 42</td>
<td>12/10</td>
<td>0.145</td>
<td>0.127</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>SCE-N12FAA3-230/24VDC</td>
<td>230V</td>
<td>13 / 15</td>
<td>37 / 42</td>
<td>12/11</td>
<td>0.780</td>
<td>0.680</td>
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<tr>
<td>Exhaust Filter: SCE-N12FAA44</td>
<td>2</td>
<td>0.125</td>
<td>12</td>
<td>SCE-N12FAA44/24VDC</td>
<td>24VDC</td>
<td>8 / 8</td>
<td>40 / 44</td>
<td>16/15</td>
<td>0.20</td>
<td>0.18</td>
</tr>
<tr>
<td>Exhaust Filter: SCE-N12FGA66</td>
<td>3</td>
<td>0.125</td>
<td>3R</td>
<td>SCE-N12FGA66/44/24VDC</td>
<td>24VDC</td>
<td>8 / 8</td>
<td>40 / 44</td>
<td>16/15</td>
<td>0.20</td>
<td>0.18</td>
</tr>
<tr>
<td>Exhaust Filter: SCE-N12FGA68</td>
<td>3</td>
<td>0.125</td>
<td>3R</td>
<td>SCE-N12FGA68/44/24VDC</td>
<td>24VDC</td>
<td>8 / 8</td>
<td>40 / 44</td>
<td>16/15</td>
<td>0.20</td>
<td>0.18</td>
</tr>
<tr>
<td>Exhaust Filter: SCE-N12FAA1010</td>
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<td>0.125</td>
<td>12</td>
<td>SCE-N12FAA1010/230/24VDC</td>
<td>230V 50/60Hz</td>
<td>306 / 341.4 (520 / 580)</td>
<td>60.0 / 69.2</td>
<td>74 / 83</td>
<td>0.63 / 0.73</td>
<td>6.83 / 7.44</td>
</tr>
<tr>
<td>Exhaust Filter: SCE-N12FAA1010</td>
<td>4</td>
<td>0.125</td>
<td>3R</td>
<td>SCE-N12FAA1010/230/24VDC</td>
<td>230V 50/60Hz</td>
<td>306 / 341.4 (520 / 580)</td>
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Operating temperature range 14°F to 131°F (-10°C to 55°C)

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**Diagrams:**

- **Diagram 1:** Fan and Filter Assembly schematic.
- **Diagram 2:** Operating temperature range 14°F to 131°F (-10°C to 55°C).
- **Diagram 3:** Operating temperature range 14°F to 131°F (-10°C to 55°C).
- **Diagram 4:** Operating temperature range 14°F to 131°F (-10°C to 55°C).

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**Type-12 Fan Filter Package Details:**

- Max Material Thickness: Various
- UL Type: Different types
- Voltage: 115V, 230V, 24V DC
- Airflow CFM (m³/hr): Range from 306 to 435
- Noise dB(A): Range from 66 to 74
- Power (W): Range from 6.83 to 155.19
- Current (A): Range from 0.127 to 2.72
- Weight lbs (Kg): Range from 0.127 to 7.42

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**Dimensions:**

- Max Material Thickness: Various
- Operating temperature range: 14°F to 131°F (-10°C to 55°C)

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- **Diagram 1:** Fan and Filter Assembly schematic.
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