SPECIFICATIONS

Product Description: VENTILATION BLOWER, EXPLOSION-PROOF
Part Number: 9509-01
Style: AXIAL FAN 12” (30.4cm)

GENERAL DESCRIPTION:
For applications requiring larger amounts of air output the Explosion-Proof 12’(30.4cm) Blower offers portability and minimal weight, the Allegro 12’(30.4cm) Explosion-Proof Blower offers a 1/3 HP explosion-proof motor with an efficient three-blade impeller in a rugged metal housing. Certified to CSA Standard C22.2 No.113.

CONSTRUCTION:
- Complete unit epoxy powder coated in orange
- Attached duct at either flange for intake or exhaust ventilation
- 16 gauge cold rolled steel housing
- 14 gauge steel base
- 3-ply rubber carrying handle
- Steel black powder coated grill
- Equipped with four rubber feet

MOTOR:
HP: 1/3 HP
Certifications: UL Recognized, CSA Certified
Voltage/Hz: 115V AC, 60 Hz, Single Phase
Maximum RPM: 3250
Current Draw: 2.2A
Cord: 25’ (7.62m) 18/3 AWG, SJ00W 90C 300V Neoprene medium duty
Plug: NEMA 125V plug, grounded 3-prong. ECP model configuration

FAN:
- Anti-Static glass reinforced Polyimide (PAGAS) three blade fan, with aluminum hub

DUCTING: (Optional)
- Black, single-ply lightweight vinyl/polyester, neoprene coated, temperature resistant up to 250° F (121.1°C)
- Retractable, non-collapsible design with Class 1 hard drawn spring steel wire helix, ASTM 227 Specs

HAZARDOUS LOCATION RATING:
<table>
<thead>
<tr>
<th>Class:</th>
<th>Class: II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Divisions: 1 &amp; 2</td>
<td>Divisions: 1 &amp; 2</td>
</tr>
<tr>
<td>Groups: C &amp; D</td>
<td>Groups: F &amp; G</td>
</tr>
</tbody>
</table>

BLOWER DIMENSIONS:
<table>
<thead>
<tr>
<th>Length In (cm)</th>
<th>Width In (cm)</th>
<th>Height In (cm)</th>
<th>Weight Lbs (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 ½” (39.7 cm)</td>
<td>12” (30.4 cm)</td>
<td>15” (38.1 cm)</td>
<td>33 lbs (15 kg)</td>
</tr>
</tbody>
</table>

FLOW RATES: (CFM calculated using 15’ (4.75m) of 12” (30.4cm) ducting)
<table>
<thead>
<tr>
<th>Free Air CFM (m³/hr)</th>
<th>One 90° Bend CFM (m³/hr)</th>
<th>Two 90° Bend CFM (m³/hr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1636 (2779.58)</td>
<td>1255 (2132.25)</td>
<td>1156 (1964.05)</td>
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