SPECIFICATIONS

Product Description: VENTILATION BLOWER, EXPLOSION PROOF
Part Number: 9515-01, 9515-01S
Style: AXIAL FAN 16" (40.6cm)

GENERAL DESCRIPTION:
Designed for use in applications requiring a large amount of output in a hazardous location environment. Allegro’s 16" (40.6cm) Explosion Proof blower is offered with a ½ HP explosion proof motor with an efficient 6-blade fan in a rugged metal housing. 9515-01 model is certified to CSA Standard C22.2 No.113.

CONSTRUCTION:
- Complete unit epoxy powder coated in orange
- Interchangeable flange for intake or exhaust side mounting
- 18 gauge cold rolled steel housing
- Integrated carry handles on four sides, stackable design
- Steel grill (zinc plated), equipped with four rubber feet
- Can be used with Adaptor Reducer (P/N: 9600-50) used with 8" (20.3cm) ducting (special grounding instructions must be applied)

MOTOR:
- HP: ½ HP
- Certifications: UL Listed, CSA Certified
- Voltage/Hz: Model 9515-01: 115/230V AC, 50 Hz, Single Phase
  Model 9515-01S: 220V AC, 60 Hz, Single Phase
- RPM: 1725
- Current Draw: 8.2/4.1A
- Cord: 25’ (7.63m) 12/3 AWG SJOW 90C 300V medium duty
- Plug: Model 9515-01: NEMA 20 Amp plug, explosion proof rated
  Model 9515-01S: No plug included

FAN:
- Anti-Static glass reinforced polyamide (PAGAS) six blade fan with aluminum hub
- Moving fan mounted 1 5/8" (4.12cm) from grill for safety, grill gap 5/16" (.79cm)

DUCTING: (Accessory)
- Black, single-ply, neoprene coated, statically conductive vinyl/polyester material, temperature resistant up to 250°F (121.1°C)
- Retractable, non-collapsible design, Class 1 hard drawn spring steel wire helix (meets ASTM 227 specs)

HAZARDOUS LOCATION RATING:

<table>
<thead>
<tr>
<th>Class I:</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>18&quot; (45.7 cm)</td>
<td>18&quot; (45.7 cm)</td>
<td>19&quot; (48.2 cm)</td>
<td>67 lbs (30.3 kg)</td>
</tr>
</tbody>
</table>

FLOW RATES: (CFM calculated using 15’ (4.57m) of 16" (40.6cm) 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>2900 (4927.13)</td>
<td>1800 (3024.23)</td>
<td>1750 (2973.26)</td>
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