SPECIFICATIONS

Product Description: VENTILATION BLOWER, HIGH OUTPUT, EXPLOSION PROOF
Part Number: 9515-50EX
Style: AXIAL FAN 16” (40.6cm)

GENERAL DESCRIPTION:
Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and powder-coated in safety orange with 4 blade impeller. Powered by a 1 ½ hp, 3450 RPM UL listed, IECex/ATEX/INMETRO certified motor. Comes with a interchangeable flange for intake or exhaust mounting, integrated carry handles on all four sides for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch, voltage change switch and stackable are added features of this powerhouse unit.

CONSTRUCTION:
- Complete unit epoxy powder-coated in orange
- Interchangeable flange for intake or exhaust side mounting
- 16 gauge cold rolled steel housing
- Integrated carry handles on four sides, stackable design
- Steel grill (zinc plated), equipped with four rubber feet

MOTOR:
HP: 1 ½ HP
Certifications: UL Listed, IECex/ATEX/INMETRO Certified
Voltage/Hz 115/230V AC, 50/60 Hz, Single Phase
RPM: 3450
Current Draw: 15.5/7.8A
Cord: 25’ (7.63m) 12/3 AWG SJOOW 90C 300V medium duty
Protection: Thermal, Automatic Reset

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

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

Sockets
- 9503-03 – Iron mounting box with triple coat finish and spring-loaded door to keep out dust when in use. When plug is in use, a neoprene gasket inside receptacle seals around plug to keep out dirt, water, dust, etc.

HAZARDOUS LOCATION RATING:
Class I: Class II:
Groups: B, C & D Groups: F & G

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” (45.7)</td>
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<td>19” (48.2)</td>
<td>62 (28.12)</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>4839 (8226.30)</td>
<td>2942 (5001.40)</td>
<td>2926 (4974.20)</td>
</tr>
</tbody>
</table>
**SPECIFICATIONS**

**Product Description:**
VENTILATION BLOWER, HIGH OUTPUT, EXPLOSION PROOF

**Part Number:**
9515-50EXE*

**Style:**
AXIAL FAN 16” (40.6cm), 220V, 50/60Hz

**GENERAL DESCRIPTION:**
Designed for applications requiring a maximum amount of output. Made from 16 gauge cold rolled steel housing and powder-coated in safety orange with 4 blade impeller. Powered by a 1 ½ hp, 2875-3450 RPM UL listed, IECEx/ATEX/INMETRO certified motor. Comes with an interchangeable flange for intake or exhaust mounting, integrated carry handles on all four sides for easy transport and a steel/zinc plated grill. 4 rubber feet, built in on/off switch, voltage change switch and stackable are added features of this powerhouse unit.

**CONSTRUCTION:**
- Complete unit epoxy powder-coated in orange
- Interchangeable flange for intake or exhaust side mounting
- 16 gauge cold rolled steel housing
- Integrated carry handles on four sides, stackable design
- Steel grill (zinc plated), equipped with four rubber feet

**MOTOR:**
- **HP:** 1 ½ HP
- **Certifications:** UL Listed, IECEx/ATEX/INMETRO Certified
- **Voltage/Hz:** 115V-230V AC, 50/60Hz, Single Phase, (all world motor)
- **RPM:** 2875-3450
- **Current Draw:** 15.5A/7.8A
- **Cord:** 25’ (7.62m) 12/3 AWG, MTW 90C 600V extra heavy duty
- **Protection:** Thermal, Automatic Reset

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

**ACCESSORIES:**

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

* Sockets
  - 9503-03 – Iron mounting box with triple coat finish and spring-loaded door to keep out dust when in use. When plug is in use, a neoprene gasket inside receptacle seals around plug to keep out dirt, water, dust, etc.
## HAZARDOUS AREAS CLASSIFICATION:

### North America

<table>
<thead>
<tr>
<th>Classes</th>
<th>Divisions</th>
<th>Groups</th>
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</thead>
<tbody>
<tr>
<td>II</td>
<td>2</td>
<td>G</td>
</tr>
</tbody>
</table>

### European

<table>
<thead>
<tr>
<th>Zones</th>
<th>Protection Types</th>
<th>Groups</th>
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</thead>
<tbody>
<tr>
<td>1, 2</td>
<td>d</td>
<td>IIB</td>
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*Blowers offered in 220V/50Hz
**Air flow determined at 60Hz