SPECIFICATIONS

Product Description: VENTILATION BLOWER, EXPLOSION PROOF
Part Number: 9513-05, 9514-05, 9514-06
Style: AXIAL FAN

GENERAL DESCRIPTION:
Smart compact design allows for easy use and storage without sacrificing airflow. For applications where explosion-proof equipment is needed. Available as blower only or complete unit with 15’ (4.57m) or 25’ (7.62m) of ducting and storage. Certified to CSA Standard C22.2 No.113.

CONSTRUCTION:
- Epoxy powder coated in safety orange
- Flange on intake side (for optional inlet adapter)
- 18 gauge steel housing with welded motor mount construction
- Steel/chrome plated grill
- Carry handle made of 3-ply rubber belting
- Equipped with four rubber feet

MOTOR:
HP: 1/3 HP
Voltage/Hz: 115V AC, 60 Hz, Single Phase
RPM: 3250
Current Draw: 2.2 A
Cord: 25' (7.62m) SJOOW 18/3 AWG 300V, medium duty
Plug: NEMA 115V, 20 Amp, “ECP” type

FAN:
- Aluminum hub
- Anti-Static glass reinforced Polyamide (PAGAS) six blade fan
- Mounted 1 5/8” (4.12cm) from grill for safety and a grill gap of 5/16” (.79cm)

DUCTING:
- Black single-ply, neoprene coated, 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:
Class: I  Class: II
Divisions: 1 & 2  Division: 1 & 2
Groups: C & D  Groups: F & G

BLOWER DIMENSIONS:
<table>
<thead>
<tr>
<th>Blower P/N</th>
<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>9513-05</td>
<td>14” (35.5 cm)</td>
<td>13 5/8” (34.6 cm)</td>
<td>15” (38.1 cm)</td>
<td>31 lbs (14 kg)</td>
</tr>
<tr>
<td>9514-05</td>
<td>28” (71.1 cm)</td>
<td>13 5/8” (34.6 cm)</td>
<td>15” (38.1 cm)</td>
<td>49 lbs (22.2 kg)</td>
</tr>
<tr>
<td>9514-06</td>
<td>36” (91.4 cm)</td>
<td>13 5/8” (34.6 cm)</td>
<td>15” (38.1 cm)</td>
<td>57 lbs (25.8 kg)</td>
</tr>
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FLOW RATES: (CFM calculated using 15’ (4.57m) of 8” (20.3cm) ducting)
<table>
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<tr>
<th>Free Air (m³/hr)</th>
<th>One 90° Bend (m³/hr)</th>
<th>Two 90° Bends (m³/hr)</th>
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<tr>
<td>890 CFM (1512.12)</td>
<td>825 CFM (1401.68)</td>
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**SPECIFICATIONS**

**Product Description:** VENTILATION BLOWER, EXPLOSION PROOF
**Part Number:** 9513-05E, 9514-05E, 9514-06E
**Style:** AXIAL FAN

**GENERAL DESCRIPTION:**
Smart compact design allows for easy use and storage without sacrificing airflow. For applications where explosion-proof equipment is needed. Available as blower only or complete unit with 15’ (4.57m) or 25’ (7.62m) of ducting and storage. Certified to CSA Standard C22.2 No.113.

**CONSTRUCTION:**
- Epoxy powder coated in safety orange
- Flange on intake side (for optional inlet adapter)
- 18 gauge steel housing with welded motor mount construction
- Steel/chrome plated grill
- Carry handle made of 3-ply rubber belting
- Equipped with four rubber feet

**MOTOR:**
- HP: 1/3 HP
- Voltage/Hz: 220V AC, 50 Hz, Single Phase
- RPM: 2750
- Current Draw: 1.2 A
- Cord: 25’ (7.62m) SJOOW 18/3 AWG 300V, Medium duty
- Plug: NEMA 220V 20A, Hazardous Location “ECP” Type

**FAN:**
- Aluminum hub
- Anti-Static glass reinforced Polyamide (PAGAS) six blade fan
- Mounted 1 5/8” (4.12cm) from grill for safety and a grill gap of 5/16” (.79cm)

**DUCTING:** (Only included in 9514-05E and 9514-06E models)
- Black single-ply, neoprene coated, 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:**

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