MODEL S FAN
WALL EXHAUST SHUTTER FAN

MODEL FEATURES
• Totally enclosed, ball bearing motor with thermal auto reset
• One piece spun Venturi for maximum efficiency
• Quality engineered and power coated metal wall housing
• Low leakage nylon shutter seals
• Completely assembled & ready to install

MODEL OVERVIEW
The S&P Model S wall exhaust shutter fan is available in size 8” to 36”. These fans ship completely assembled with rear guard, wall sleeve and back draft damper ready to install for use in light commercial applications. 2 speed fans come complete with a 2 speed wall switch.

CONSTRUCTION/SPECIFICATION CHECKLIST

Housing and Motor
• All models include totally enclosed, ball bearing motor with thermal auto reset
• Single Speed, 2 Speed & Variable Speed are normal stock
• Power coated metal wall housing
• Efficiently designed and balanced axial blades
• One piece spun venturi for maximum efficiency
• Rear OSHA Guard is standard up to model S-24
• Aluminum back draft shutters
• Low leakage nylon shutter seals

OPTIONAL ACCESSORIES
• Speed control for V series fans
• 45 Degree Weather Hood
• Call for Explosion Proof or EC Motors

1 year fan housing and motor warranty

All specifications are subject to change without notice unless approved in submittal by Soler & Palau.

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May 2017
### Performance & Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Blade Diameter</th>
<th>RPM</th>
<th>HP</th>
<th>VOLTS</th>
<th>F.L.</th>
<th>0.0”</th>
<th>0.10”</th>
<th>0.125”</th>
<th>0.25”</th>
<th>Sound dbA</th>
<th>Weight (lbs)</th>
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<tbody>
<tr>
<td>S8-2</td>
<td>8”</td>
<td>1600/1350</td>
<td>0.05</td>
<td>120</td>
<td>.95/.45</td>
<td>400/330</td>
<td>320/260</td>
<td>280/230</td>
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<td>120</td>
<td>1.2/0.7</td>
<td>690/580</td>
<td>590/460</td>
<td>570/390</td>
<td>550/340</td>
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<td>12”</td>
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<td>120</td>
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<td>1680</td>
<td>1600</td>
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**Note:**
- **Model Blade Diameter RPM HP VOLTS F.L. Amps:**
  - HP: Horsepower
  - VOLTS: Volts
  - F.L.: Full Load
  - Amps: Amperage
- **0.0” 0.10” 0.125” 0.25” Sound dbA Weight (lbs):**
  - dbA: Decibels (A-weighted sound level)
  - Weight: Total weight in pounds

**Dimensions in Inches:**
- 4 Mounting Holes
- 0.375” Diameter
- 4.0” Diameter
- 4 Mounting Holes

**Perfomance & Specficiations:**
- **Size:** Diameter of the fan
- **A:** Diameter of the fan (in inches)
- **B:** Diameter of the fan (in inches)
- **C:** Diameter of the fan (in inches)
- **D:** Diameter of the fan (in inches)
- **E:** Diameter of the fan (in inches)

**Notes:**
- 8” Models from 12” to 24” use Speed Control Model SC-15.
- 8” Models from 12” to 24” use Speed Control Model SC-15.
- Housings 30” & 36” are constructed using 18 gauge steel.
- Housings 8” to 24” are constructed using 20 gauge steel.

**Dimensions Diagram:**
- Propeller Guard
- Motor
- Fan Dimensions

**Table:**
- Size: Diameter of the fan (in inches)
- A: Diameter of the fan (in inches)
- B: Diameter of the fan (in inches)
- C: Diameter of the fan (in inches)
- D: Diameter of the fan (in inches)
- E: Diameter of the fan (in inches)
- Weight: Total weight in pounds