VORTEX® POWERFANS
High Performance Inline Duct Blowers

S-line

SUPERIOR AIR AND SOUND PERFORMANCE FOR QUIET OPERATIONS
S-line Mixed Flow Fans are designed for residential and light commercial ventilation applications. These compact, powerful, and quiet fans are available in 6", 8" & 10" duct diameters and are ideally suited for either supply or exhaust ventilation systems.

Design Features

- Powerful, compact and quiet mixed flow impeller
- Easy to install - mounting brackets included
- 100% speed controllable
- May be mounted in any position
- Suitable for airstream temperatures up to 140°F (60°C)
- Prewired with 120V power cord
- Energy efficient variable speed motor
- Fan and motor are precisely balanced for a quiet and vibration-free operation
- ETL listed
- AMCA air listed
- 10 year warranty

TO FIND OUT WHAT SEPARATES THE S-LINE FROM OTHER FANS, YOU HAVE TO GET INSIDE IT.

- Double insulated wall to prevent condensation and reduce noise levels
- Rubber duct connection gasket ensures airtight connection and neutralizes vibration
- Fan to bracket gasket provides an airtight seal and further vibration reduction
- Integrated backdraft damper to prevent air leakage when the extractor is not operating
- Mounting bracket designed for quick and easy installation
- Ready to plug in 120V 60Hz
- Simple clamping system allows quick removal of fan for maintenance
- Mixed flow impeller design for quiet operation and high airflow
- Internal impeller for cooler motor operation
- The motor is 100% speed controllable, highly efficient, low power consumption, built with permanently lubricated ball bearings and thermal overload protection with automatic reset
- High impact resistant polycarbonate casing for heavy duty applications
**S-line View & Sizes**

<table>
<thead>
<tr>
<th>FAN MODEL</th>
<th>Weight (lbs)**</th>
<th>A / B</th>
<th>C</th>
<th>D</th>
<th>Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-600</td>
<td>6.8</td>
<td>6.0</td>
<td>15.37</td>
<td>9.02</td>
<td>3.94</td>
</tr>
<tr>
<td>S-800</td>
<td>10.4</td>
<td>8.0</td>
<td>16.64</td>
<td>10.38</td>
<td>4.57</td>
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<tr>
<td>S-1000</td>
<td>13.2</td>
<td>10.0</td>
<td>17.394</td>
<td>13.613</td>
<td>5.709</td>
</tr>
</tbody>
</table>

**Mounting Brackets included **  
*Represents Duct Dimensions*

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**S-line Air Performance Graph**

![Air Performance Graph](image)

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**S-line Performance Data**

ALL S-LINE FANS INCORPORATE MOTORS SUITABLE FOR 120 Volts AC 60Hz ELECTRICAL SUPPLY ONLY

<table>
<thead>
<tr>
<th>FAN MODEL</th>
<th>Duct Dia.</th>
<th>RPM</th>
<th>Volts</th>
<th>Rated Watts</th>
<th>Max Amps</th>
<th>Static Pressure in Inches W.G.</th>
<th>Static Pressure in Inches W.G.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-600</td>
<td>6&quot;</td>
<td>2720</td>
<td>120</td>
<td>72</td>
<td>0.68</td>
<td>340 233 312 305 285 265 215 39</td>
<td>1.185</td>
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<tr>
<td>S-800</td>
<td>8&quot;</td>
<td>3150</td>
<td>120</td>
<td>232</td>
<td>1.99</td>
<td>711 697 688 682 666 649 612 570 501 204 1.844</td>
<td></td>
</tr>
<tr>
<td>S-1000</td>
<td>10&quot;</td>
<td>2970</td>
<td>120</td>
<td>232</td>
<td>2.12</td>
<td>1082 1051 1032 1019 984 946 866 781 687 197 1.766</td>
<td></td>
</tr>
</tbody>
</table>

Performance certified is for installation type D - Ducted inlet, Ducted outlet. Speed (RPM) shown is nominal. Performance is based on actual speed of test. Performance ratings include the effects of appurtenances (accessories) Inlet Duct, Inlet Bell, Outlet Duct.

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**ATMOSPHERE INC.**

WHERE INNOVATION IS A STANDARD

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**AMCA Certified Ratings Program**

Intertek
CONFORMS TO
UL 507 and
CSA C22.2
no.113
S-line Applications

Industrial

Residential

Commercial

Agricultural

Quiet Environment