



**VORTEX**  
**POWERFANS**  
High Performance Inline Duct Blowers

**S-line**



**III SUPERIOR AIR AND SOUND PERFORMANCE III**  
**FOR QUIET OPERATIONS**



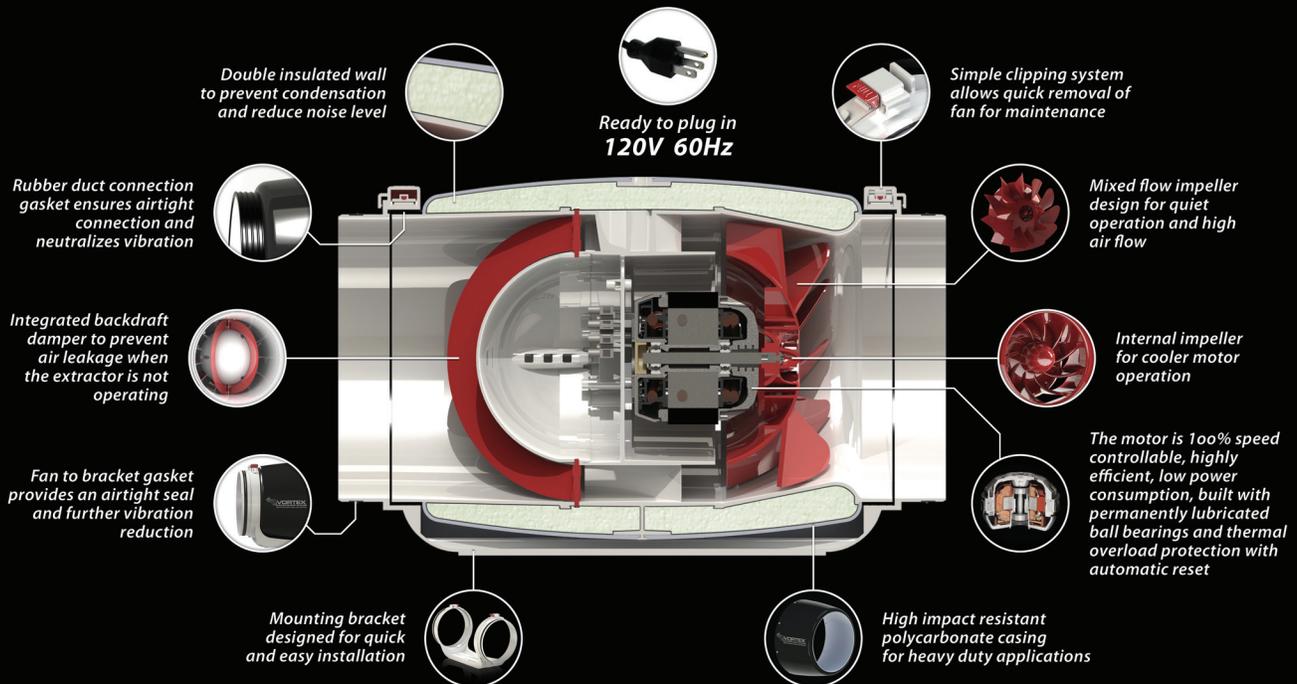
*S-line Mixed Flow Fans are designed for residential and light commercial ventilation applications. These compact, powerful, and quiet fans are available in 6", 8" & 10" duct diameters and are ideally suited for either supply or exhaust ventilation systems.*

### 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
- 10 year warranty



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



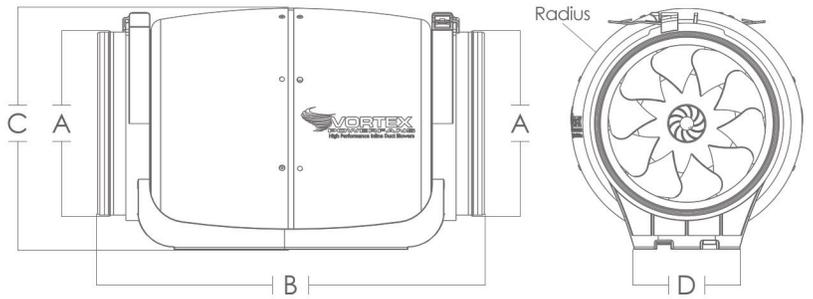
### S-line View & Sizes

All dimensions in inches

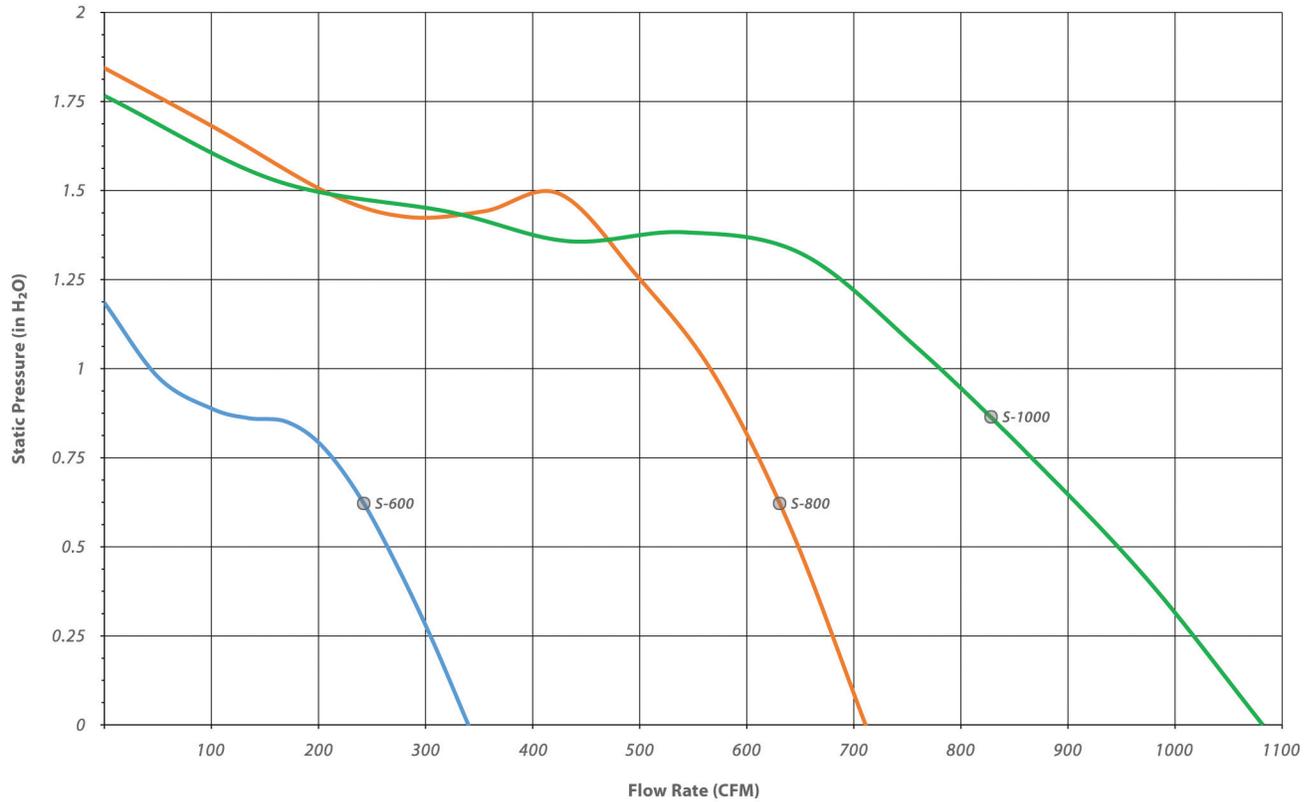
| FAN MODEL | Weight (lbs)** | A*   | B      | C      | D     | Radius |
|-----------|----------------|------|--------|--------|-------|--------|
| S-600     | 6.8            | 6.0  | 15.37  | 9.02   | 3.94  | 4.20   |
| S-800     | 10.4           | 8.0  | 16.64  | 10.38  | 4.57  | 4.97   |
| S-1000    | 13.2           | 10.0 | 17.394 | 13.613 | 5.709 | 6.014  |

\*\* Mounting Brackets included

\* Represents Duct Dimensions



### S-line Air Performance Graph



### S-line Performance Data

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

| FAN MODEL | Duct Dia. | RPM  | Volts | Rated Watts | Max Amps | Static Pressure in Inches W.G. |       |      |      |       |     |      |      |       |      | Max Ps |
|-----------|-----------|------|-------|-------------|----------|--------------------------------|-------|------|------|-------|-----|------|------|-------|------|--------|
|           |           |      |       |             |          | 0"                             | .125" | .2"  | .25" | .375" | .5" | .75" | 1.0" | 1.25" | 1.5" |        |
| S-600     | 6"        | 2720 | 120   | 72          | 0,68     | 340                            | 323   | 312  | 305  | 285   | 265 | 215  | 39   | ---   | ---  | 1.185  |
| S-800     | 8"        | 3150 | 120   | 232         | 1,99     | 711                            | 697   | 688  | 682  | 666   | 649 | 612  | 570  | 501   | 204  | 1.844  |
| S-1000    | 10"       | 2970 | 120   | 232         | 2,12     | 1082                           | 1051  | 1032 | 1019 | 984   | 946 | 866  | 781  | 687   | 197  | 1.766  |

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



Atmosphere Inc. certifies that the models shown herein are licensed to bear the AMCA Seal. The ratings are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.



CONFORMS TO UL 507 and CSA C22.2 no.113



WHERE INNOVATION IS A STANDARD

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# S-line Applications

## Industrial



## Residential



## Commercial



## Agricultural



## Quiet Environment



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