



P: 800.961.7370
www.solerpalau-usa.com

MODEL TD-SILENT

(Extremely quiet for High Air Flow to Pressure Ratio Applications Minimum Space)



Technical Specifications

Warranty

Five (5) year limited warranty.

Range

The TD-SILENT consists of four (4) nominal sized in-line fans. All models are specifically designed for direct connection in-line with industry standard diameter round ducting.

Construction

The TD-SILENT models 100XS (4" or 5"), 150S and 200S are manufactured in tough reinforced plastic. Sound waves are directed through the perforated inner skin and absorbed by a layer of sound-absorbent insulation. Plus the TD-SILENT is fitted with rubber gaskets on the inlet and outlet to absorb vibrations.

Impellers

The impeller blades are molded in tough ABS plastic.

Motors

Models 100XS:

Single-phase, 120V 60Hz, shaded pole induction asynchronous motor in die cast aluminum. All motors include direct two speed connection and are also suitable for voltage speed control.

- Class I electrical insulation
- IP 44 Protection
- Class B Motor Insulation
- Safety auto reset Thermal Overload Protection (fuse type)
- Self-lubricating sleeve bearings.
- Suitable for working airstreams up to 104° F (40°C).

Models 150S and 200S:

Single-phase induction asynchronous motor, with permanent capacitor and external rotor in die cast aluminum. All models include direct two speed connection and are also suitable for voltage speed control.

- Suitable for working airstreams up to 140° F (60°C).
- Class I electrical insulation
- IP 44 Protection
- Thermal Overload Protection
- Class B Motor Insulation
- Sealed For Life, ball bearings

Code Approval

- All models have been independently safety tested by Underwriters Laboratories, Inc. and are UL and cUL Listed.
- Independently tested for Airflow Performance.
- The TD product range is certified by the Home Ventilating Institute (HVI) for Air Performance.
- All models are ENERGY STAR® qualified.
- All models are NAHB - National Green Building Green Approved.