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MODEL TD-MIXVENT

(For High Air Flow to Pressure Ratio Applications Minimum Space)



Technical Specifications

Warranty

Five (5) year limited warranty.

Range

The TD-MIXVENT consists of seven (7) nominal sized in-line fans. All models are specifically designed for direct connection in-line with industry standard diameter round ducting.

Construction

The TD-MIXVENT models 100, 100x, 125, 150 and 200 are manufactured in tough reinforced plastic, models 250 and 315 have a metal casing and are finished in a tough epoxy-polyester paint coating. The TD fan duct connection flanges are manufactured from reinforced plastic, except for models 200, 250 and 315 which are constructed from epoxy polyester coated metal. TD 250 and 315 are UL listed for outdoor use.

Impellers

The impeller blades for models 100, 100x, 125, 150 and 200 are molded in tough ABS plastic. Models 250 and 315 are metal.

Motors

Models 100, 100x and 125:

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 II electrical insulation (model 100) & Class I (models 100x and 125)
- 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 150, 200, 250 and 315:

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 Under writers Laboratories, Inc. and are UL and cUL Listed.
- Independently tested for Airflow Performance. The TD range is licensed to bear the AMCA seal for Air Performance.
- The TD product range is certified by the Home Ventilating Institute (HVI) for Air Performance.
- All models are ENERGY STAR® qualified.