

TB6575A1000/U

SuitePRO- 120/240V,3-Speed Fan Coil T-Stat with 2 or 4 Pipe Manual/Auto Heat/Cool Changeover



Overview

TB6575A, TB6575B, and TB8575A are a family of Digital Fan-Coil thermostats, that provide line/low voltage on/off control for various fan-coil units in residential and commercial applications. Great for use in hotels, condos, and school classrooms.

Features

- For Customer Service on this product please call 888-245-1051
- Simple, intuitive user interface and ease of installation.
- Attractive modern styling ideal for hotels and condos.
- Digital display of ambient temperature, setpoint, mode icons when cooling or heating relays operate, when energy savings mode is active, and fan status.
- Four buttons allow manual control of system operation, fan speed, and temperature setpoint adjustment.
- VersaSpeed™ Fan Ramp Algorithm automatically adjusts Low, Medium, High fan speed.
- Optional freeze protection feature that turns on heat, if necessary.
- Activity sensing algorithm sets back thermostat to economy mode.
- Auto fan rest option sets back fan to auto mode.
- Energy savings mode – external energy savings input from dry contact such as time switch, occupancy sensor, or hotel cardkey overrides comfort setpoint with selectable setback heating or cooling setpoints.
- Energy savings input configurable as a normally open or normally closed dry contact.
- Proportional plus integral (P+I) control algorithm for precision temperature regulation.
- Selectable C or F.
- Adjustable deadband, in auto changeover mode, for heat and cool control.
- Adjustable maximum heating and minimum cooling setpoint limits.
- Installer setup mode allows changes of operating parameters.
- EEPROM permanently retains user settings, including setpoints, during power loss (no batteries required).
- Capability to display temperature sensor failure for easier troubleshooting.
- Optional remote temperature sensor and remote pipe sensor.

Product Specifications

Application	2 or 4 pipe fan coil, Heat/Cool manual/auto changeover, 3-speed fan, 120 - 240 Vac
Dimensions (in.)	3 13/16 in. high x 5 13/16 in. wide x 1 1/8 in. deep
Dimensions (mm)	97 mm high x 148 mm wide x 29 mm deep
Item Type	Product
Mounting	Horizontal mounting on 2 x 4 in. (50 mm x 75 mm) single gang electrical box. Vertical mounting 2 x 4 in. or 4 x 4 in junction box with optional wall plate (50033847-001).
Electrical Ratings	120 Vac, Fan Rating: 6.0 A, Relay Rating: 1.0 A; 240 Vac, Fan Rating: 3.0 A, Relay Rating: 1.0 A
Frequency	50 Hz; 60 Hz
Approvals, Underwriters Laboratories Inc.	Meets the same requirements as UL-873
Approvals, Canadian Standards Association	Certified
Operating Humidity Range (% RH)	5 to 95% RH, non-condensing
Supply Voltage	120 Vac ± 10%; 240 Vac ± 10%
Switch Positions (System)	OFF-HEAT-COOL-AUTO
Switch Positions (Fan)	HI-MED-LOW-AUTO-OFF
Approvals, Federal Communications Commission	FCC Part 15, Class B
Color	Premier White®
Display	LCD
Changeover	Auto or Manual
Setting Temperature Range (F)	50 F to 90 F
Setting Temperature Range (C)	10 C to 30 C