

# Thermostats—Fan Coil/Zone

## T6574; T6575; T8574; T8575 Digital Fan-Coil Thermostat



**T6570 Series Digital Fan-Coil thermostats provide line voltage on/off control for fans, valves, compressors or auxiliary electric heaters in fan-coil and small air-conditioner applications.**

**T8570 Series provides low voltage control.**

**Models are available for control of single stage air-conditioner and various fan-coil units:**

- 2-pipe.

- 2-pipe with manual heat/cool changeover.

- 4-pipe with manual heat/cool changeover.

- 4-pipe with automatic heat/cool changeover.

**All models are suitable for multiple applications. Changes in output wiring and external links between wiring terminals can configure the thermostat for the appropriate application.**

**The fan can also be controlled from the thermostat. In some cases it is wired to run continuously and can be switched off with the On/Off switch. Other models can be installed with fan running continuously or cycling with the thermostat.**

**Compressors and auxiliary electric heaters can be controlled using a relay or contactor controlled by the thermostat.**

- Simple user interface.
- Attractive modern styling ideal for offices or hotels.
- Digital display of ambient temperature, with user activated temperature display.
- Digital display shows mode icons when cooling or heating relays operate, or when energy savings mode is active.
- Push button setpoint adjustment.
- Switches allow manual control of system operation and fan speed.
- Energy savings mode - external energy savings input from time switch, occupancy sensors or hotel cardkey
- overrides comfort setpoint with setback heating or cooling setpoint.
- Energy savings input configurable, normally open or normally closed.
- Proportional plus integral (P+I) control algorithm for precision temperature regulation.
- Mounts directly onto wall or standard junction box or vertical junction box with optional adapter plate.
- Installer setup mode allows changes of operating parameters.
- Selectable C or F display.
- Adjustable deadband (some models) for heat and cool control.
- Selectable energy savings set

**Dimensions, Approximate:** 3 11/16 in. high, 4 3/16 in. wide, 1 7/16 in. deep. (94 mm high, 122 mm wide, 37 mm deep)

**Display:** LCD

**Humidity Ratings:** 5 to 95% RH, non-condensing

**Mounting:** Direct mounting on horizontal 2 x 4 in. (50mm x 75 mm) single gang electrical box. Mounts on vertical 2 x 4 in. or double-ganged electrical box with optional adapter plate (272878).

**Approvals:**

**Canadian Standards Association:** c/US Certified: File No. 163752

Product Number	Application Type	Color	Changeover	Supply Voltage (Vac and Hz)	Switch Position		Setting Temperature Range	
					System	Fan	(F)	(C)
T6574B1004	2 pipe heat or cool only	Premier White®	Automatic optional with external Aquastat® controller	120 V 50-60 Hz	ON-AUTO	HI-MED-LO	50 F to 90 F	10 C to 32 C
T6574B3000	2 pipe heat or cool only	Premier White®	Automatic optional with external Aquastat® controller	208 V-277 V 50-60 Hz	ON-AUTO	HI-MED-LO	50 F to 90 F	10 C to 32 C
T6575B1003	2 or 4 pipe heat/cool	Premier White®	Manual	120 V 50-60 Hz	HEAT-OFF-COOL	HI-MED-LO	50 F to 90 F	10 C to 32 C
T6575B3009	2 or 4 pipe heat/cool	Premier White®	Manual	208 V-277 V 50-60 Hz	HEAT-OFF-COOL	HI-MED-LO	50 F to 90 F	10 C to 32 C
T6575C1001	4 pipe heat/cool	Premier White®	Automatic, by room temperature	120 V 50-60 Hz	ON-OFF	HI-MED-LO	50 F to 90 F	10 C to 32 C
T6575C3004	4 pipe heat/cool	Premier White®	Automatic, by room temperature	208 V-277 V 50-60 Hz	ON-OFF	HI-MED-LO	50 F to 90 F	10 C to 32 C
T6575D1009	4 pipe heat/cool	Premier White®	Automatic, by room temperature	120 V 50-60 Hz	ON-OFF	HI-MED-LO ON-OFF	50 F to 90 F	10 C to 32 C
T6575D3005	4 pipe heat/cool	Premier White®	Automatic, by room temperature	208 V-277 V 50-60 Hz	ON-OFF	HI-MED-LO ON-OFF	50 F to 90 F	10 C to 32 C
T8574B1000	2 pipe heat or cool only	Premier White®	Automatic optional with external Aquastat® controller	24 V 50-60 Hz	ON-AUTO	HI-MED-LO	50 F to 90 F	10 C to 32 C
T8575B1009	2 or 4 pipe heat/cool	Premier White®	Manual	24 V 50-60 Hz	HEAT-OFF-COOL	HI-MED-LO	50 F to 90 F	10 C to 32 C
T8575C1007	4 pipe heat/cool	Premier White®	Automatic, by room temperature	24 V 50-60 Hz	ON-OFF	HI-MED-LO	50 F to 90 F	10 C to 32 C
T8575D1005	4 pipe heat/cool	Premier White®	Automatic, by room temperature	24 V 50-60 Hz	ON-OFF	HI-MED-LO ON-OFF	50 F to 90 F	10 C to 32 C

\* TRADELINE models • SUPER TRADELINE models