

COMMERCIAL THERMOSTATS

Get control. Get Honeywell.

Application Selection and Cross-Reference Guide

Honeywell

TC500 THERMOSTAT

COMMUNICATING SMART THERMOSTAT

Honeywell Connect Mobile App

- Occupant remote monitoring and control over WiFi
- Contractor configuration via Bluetooth for rapid set-up

Building Integration

- BACnet IP over WiFi or wired BACnet MS/TP

Customizable and intuitive UI

- Color touch screen display
- LED status indicator for operating mode

Multi-Level User Controlled Access

- Multiple, configurable, levels of user privilege access

Embedded Economizer

- Precise economizer setup and control for energy savings (coming soon)

Code compliance for Title 24/IECC/ASHRAE codes

Configurable Inputs/Outputs for flexible utilization in a broad range of applications with less inventory and SKU complexity



Model	Equipment Type	Modulating	Staging	Communication	Advanced Features
TC500A-N	AHU/RTU/FCU (2-pipe)	Two 0-10 VDC	Conventional - 3H/3C Heat Pump - 5H/3C	WiFi BACnet IP BACnet MS/TP Bluetooth Sylk bus	Indoor, Outdoor, Discharge, Humidity, Occupancy, CO ₂ , Sylk Bus

TC300 THERMOSTAT

CONNECTED COMFORT MADE CONVENIENT

Touchscreen user interface

- Captivating glass display that belongs on the wall
- Enhanced user experience through the usage of embedded help screens reducing reliance on technical manuals for complex installation

Meets commercial building codes

- BACnet IP over WiFi or wired BACnet MS/TP
- Qualifies for utility rebates²
- Title 24/IECC/ASHRAE codes

Multiple lockout levels

- Multiple, configurable user types with customizable privileges to prevent unauthorized usage
- Save energy and money by preventing unauthorized setting changes

Compatible with auxiliary commercial devices

- Commercial sensors
- Economizers



Model	Equipment Type	Modulating	Staging	Communication	Advanced Features
TC300B-G	Fan Coil Unit/Conventional/Heat Pump	Yes (0-10V, Modulating Valve, 6-Way Modulating Valve)	Conventional - 1H/1C Heat Pump - 2H/1C	BACnet MS/TP, Modbus RTU	Auxiliary heat Peripheral heat Dehumidify + reheat Discharge air control

¹ If used as directed. Savings may vary depending on geographic region and usage.

² Where applicable.

TB3026B THERMOSTAT

THE BACNET FIXED FUNCTION THERMOSTAT

Touchscreen user interface

- The sleek menu-driven programming and large touchscreen display are all here

Saves energy

- Effortless programming helps your customers save up to 33% off their energy bill¹

Meets commercial building codes

- Pre-occupancy Purge, Economizer Output and Override Limits meet all fresh air and override limitation requirements
- Qualifies for utility rebates²
- Title 24/IECC/ASHRAE codes

Multiple lockout levels

- Save energy and money by preventing unauthorized setting changes

Compatible with auxiliary commercial devices

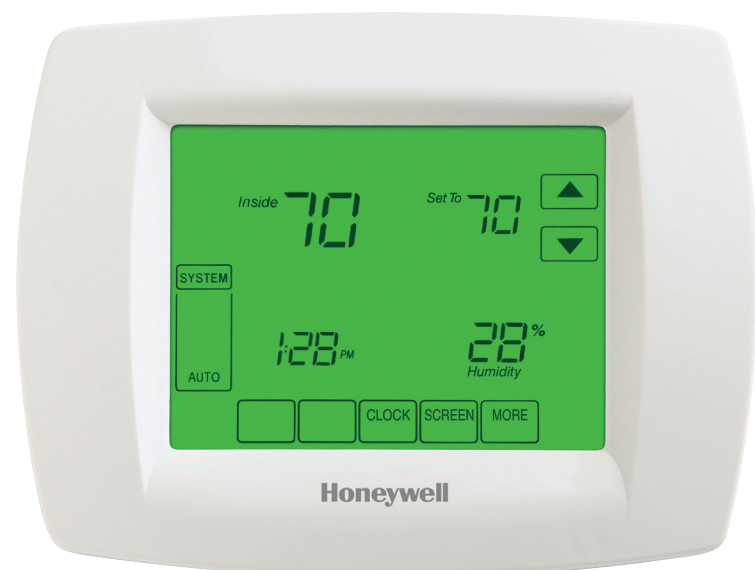
- Commercial sensors
- Economizers

Commercial comfort

- Commercial Algorithm, configurable recovery ramps and temporary override button allow users to control at setpoint and guarantee a comfortable environments

¹ If used as directed. Savings may vary depending on geographic region and usage.

² Where applicable.



Model	Equipment Type	Modulating	Staging	Communication	Advanced Features
TB3026B	Customizable thermostat inputs/outputs	Two 4-20 mA / 0-10VDC		BACnet MS/TP	



TB6575/TB8575 SUITEPRO® THERMOSTAT

DIGITAL FAN COIL THERMOSTAT

Simple, intuitive user interface

- Displays ambient temperature, setpoint, heating or cooling mode, fan status, and remote setback

Flexible Installation

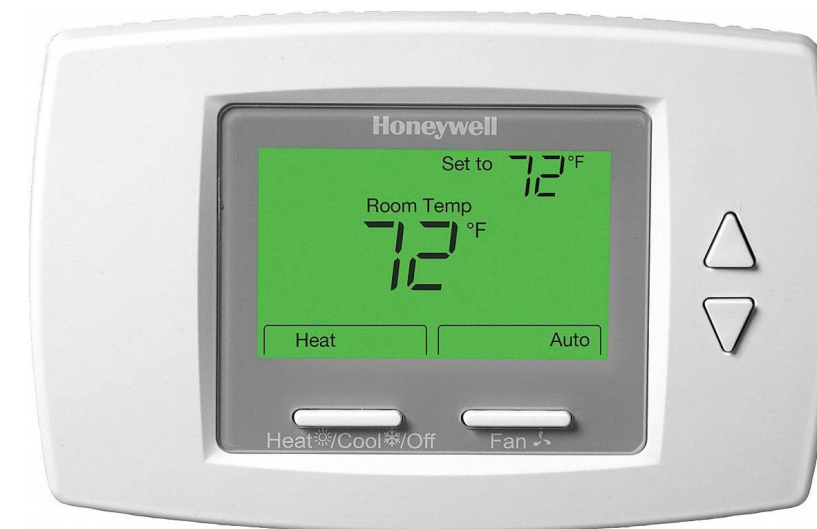
- Supports 2 or 4 pipe systems in three different operating voltage systems 120/240VAC, 277VAC, or 24VAC
- Optional pipe sensor input for auto changeover functionality

Precise Control

- Proportional plus Integral (P+I) control algorithm for precision temperature regulation
- Initial fan motor start-up at full speed for improved life

Energy Saving Options

- Remote economy mode setback inputs via dry contact using time switch, occupancy sensor, or hotel card key
- VersaSpeed™ fan ramp algorithm automatically adjusts fan speed (low, medium, and high)
- Adjustable setpoint limiters avoid energy wasting extreme heating or cooling settings







Models	Applications				Features					
	Heat/Cool/Auto	Pipes	Voltage	Number of Relays ¹	Energy Savings Input	Fan: On, Auto or 3 Speed	Manual/Auto Changeover	Remote Sensor	Back Light	Pipe Sensor ²
TB6575A1000	All	2 or 4	120 or 240 Vac	5	Yes	Yes	Yes	Yes	Yes	Yes
TB6575B1000	Heat or Cool	2 or 4	120 or 240 Vac	4						
TB6575C1000	All	2	277 Vac	5						
TB8575A1000	All	2 or 4	24 Vac	5						

¹ These five relays are wired via terminals W, Y, Gh, Gm and GI. Relay 1 controls heat open (W) or cool open (Y). Relay 2 controls cooling open or electrical heater output (Y/A). Relays 3, 4 and 5 control the high, medium and low fan speeds respectively (Gh, Gm and GI).

NOTE: In 2-pipe configurations without auxiliary heat, only 4 relays are used; relay 2 (Y/A) is not used.

² Pipe sensor is optional.

HONEYWELL THERMOSTAT CROSS-REFERENCE CHART

Image	CONFIGURATION		SCHEDULE OPTIONS				USER INTERFACE	APPLICATION			INPUT POWER	FEATURES AND FUNCTIONS							DISPLAY INFORMATION			
	System	SKU	Program Options	ENERGY STAR	Temporary Override	Holiday		Conventional	Heat Pump	Fan Coil		Real-Time Clock (Automatically Updates Daylight Savings)	Permanent Memory Retention	Recovery Ramps	Communicating Capability	Economizer Output and Fault Input	Multiple Keypad Lockout Levels	Dehumidification Control	Remote Sensing	Type	Continuous Backlighting	Display Size (Viewable)
	Conventional/ Heat Pump/Fan Coil	TC500A-N	365 Day		•	•	Color Capacitive Touchscreen	3 Heat / 3 Cool 1 Modulating Heat	5 Heat / 3 Cool 1 Modulating Heat	2-pipe	24 VAC	•	•	•	WiFi BACnet IP BACnet MS/TP Bluetooth Syk bus	Output & Fault Input	4	•	Indoor, Outdoor, Discharge, Humidity, Occupancy CO ₂ Syk Bus	Color LCD Color LED Operating Status		8 sq. in.
	Fan Coil Unit/ Conventional/ Heat Pump	TC300B-G	365 Day		•	•	Color Capacitive Touchscreen	1 heat / 1 cool	2 heat / 1 cool (Air & Water Source)	2 Pipe / 4 Pipe	24 VAC	•	•	•	WiFi BACnet IP BACnet MS/TP Bluetooth Syk bus		4	•	Indoor, Outdoor, Discharge, Humidity, Occupancy, CO ₂ , Syk Bus	Color LCD Color LED Operating Status		8 sq. in.
	Conventional/ Heat Pump/Fan Coil	TB3026B	7-Day	•	Cumulative	•	Touchscreen	2 Heat / 2 Cool	3 Heat / 2 Cool Qty. (2) 4-20 mA/ 0-10 VDC	2-Pipe 4-Pipe	24 VAC or Battery	•	•	•	BACnet MS/TP	Output	4		Indoor or Outdoor	LCD with backlight	•	10 sq. in.
	Fan Coil	TB6575B1000					Soft Keys			2-Pipe 4-Pipe Auto Changeover	120/240 VAC	•								LCD with Backlight		4.6 sq. in.
		TB6575B1000						2-Pipe	120/240 VAC													
		TB6575C1000	Remote Setback					2-Pipe 4-Pipe Auto Changeover	277 VAC													
		TB8575A1000	Activity Sensing					2-Pipe 4-Pipe Auto Changeover	24 VAC													



For more information

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