

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	Sensor Compatability
TC500A-N	AHU/RTU	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 CO2 Sylk Bus	C7021, C7023, C7041, TR21, TR40

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

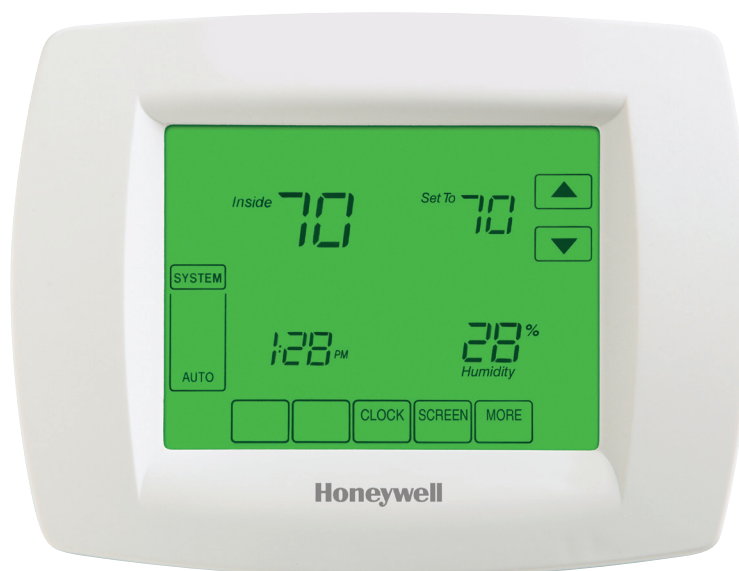
- Commercial sensors
- Economizers

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	
TB3026B-W	AHU/RTU, Fan Coil			BACnet MS/TP	Wireless Receiver



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	Voltge	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 Gl. 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 Gl).

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.

T7350/T7351 THERMOSTATS

COMMUNICATING THERMOSTAT

Integrated humidity sensor

- Several strategies for dehumidifying

C365-Day Schedule

- Schedule holidays throughout the year to save energy

Remote sensing

- Indoor, outdoor, humidity, occupancy and discharge air sensors available for added flexibility
- Outdoor Air and Discharge Air Temperature Lockout

AHU/RTU and Fan Coil variants

- Multiple staging and/or modulating outputs
- LonWorks® Network Communicating variants

Two 4-20 modulating outputs for controlling heating and cooling valves (T7350H1017 and T7350M1008)

- Allows thermostat to be used in hydronic heating or cooling applications
- Control of staged and modulating hybrid systems



Model	Equipment Type	Modulating	Staging	Communication	Advanced Features	Sensor Compatibility
T7350H1017	Fan Coil	Two 4-20 mA		LonWorks		TR21, TR21-A (averaging), TR22, TR23, TR24, C7772A1012 (flush mount), C7770A1006 (return airduct), C7041P2004 (button airduct)
T7350M1008	Fan Coil	Two 4-20 mA	Two Relays		Dehumidification	
T7350A1004	AHU/RTU		Conventional - 1H/2C, 2H/1C Heat Pump - 2H/1C			
T7350B1002	AHU/RTU		Conventional - 3H/2C, 2H/3C Heat Pump - 3H/2C			
T7350D1008	AHU/RTU		Conventional - 3H/3C, 2H/4C Heat Pump - 3H/2C + 2 Aux		Dehumidification and Occupancy	
T7351F2010	AHU/RTU		Conventional - 3H/3C, 2H/4C Heat Pump - 3H/2C + 2 Aux		Dehumidification and Occupancy	
T7350H1009	AHU/RTU		Conventional - 3H/3C, 2H/4C Heat Pump - 3H/2C	LonWorks		

HONEYWELL THERMOSTAT CROSS-REFERENCE CHART

	CONFIGURATION		SCHEDULE OPTIONS				USER INTERFACE	APPLICATION			INPUT POWER
	System	SKU	Program Options	ENERGY STAR®	Temporary Override	Holiday		Conventional	Heat Pump	Fan Coil	
	Conventional/ Heat Pump	TC500A-N	365 Day		•	•	Color Capacitive Touchscreen	3 Heat / 3 Cool 1 Modulating Heat	5 Heat / 3 Cool 1 Modulating Heat		24 VAC
	Conventional/ Heat Pump/ Fan Coil	TB3026B and TB3026B-W	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
	Fan Coil	TB6575B1000					Soft Keys			2-Pipe 4-Pipe Auto Changeover	120/240 VAC
		TB6575B1000								2-Pipe	120/240 VAC
		TB6575C1000	Remote Setback							2-Pipe 4-Pipe Auto Changeover	277 VAC
		TB8575A1000	Activity Sensing								24 VAC
	Conventional/ Modulating	T7350M1008	365-Day	•	•	•	Soft Keys	1 Heat/1Cool + Modulating Heat &/or Cool 4-20 mA			24 VAC
	Conventional/ Heat Pump	T7350D1008	365-Day	•	•	•	Soft Keys	3 Heat / 3 Cool or 2 Heat / 4 Cool	3 Heat / 2 Cool		24 VAC
		T7350B1002	365-Day	•	•	•	Soft Keys	3 Heat / 2 Cool or 2 Heat / 3 Cool	3 Heat / 2 Cool		24 VAC
		T7350A1004	365-Day	•	•	•	Soft Keys	1 Heat / 2 Cool or 2 Heat / 1 Cool	2 Heat / 1 Cool		24 VAC
	Conventional/ Heat Pump	T7351F2010	365-Day	•	•	•	Soft Keys	3 Heat / 3 Cool or 2 Heat / 4 Cool	3 Heat / 2 Cool		24 VAC

Features and Functions								Display Information			Sensor Compatibility
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)	
•	•	•	WiFi BACnet IP BACnet MS/TP Bluetooth Sylk bus	Output & Fault Input	4	•	Indoor, Outdoor, Discharge, Humidity, Occupancy CO2 Sylk Bus	Color LCD Color LED Operating Status		8 sq. in.	C7021, C7023, C7041, C7770A, C7772A, C7232/C7262, C7233/C7263, TR21, TR40, TR120
•	•	•	BACnet MS/TP	Output	4		Indoor or Outdoor	LCD with backlight	•	10 sq. in.	T7770A1006, T7770A3002 (averaging), C7772A1004 (wall plate), C7770A1006 (return air duct), C7041P2004 (button sensor)
•							•	LCD with Backlight		4.6 sq. in.	TR21 TR21-A C7041B2005 C7041B2013 C7041C2003 C7041P2004 C7770A1006 C7772A1004 C7772A1012 535-34AB08-203
•	•	•		Output	3	•	Indoor, Outdoor, Discharge, Humidity, Occupancy	LCD with backlight	•	4.2 sq. in.	T7771A1005, T7770A1006, T7770A3002 (averaging), T7770B1004, T7770C1002, T7770D1000, C7772A1004 (wall plate), C7770A1006 (return air duct), C7041P2004 (button sensor)
•	•	•	LonWorks	Output	3	•	Indoor, Outdoor, Discharge, Humidity, Occupancy	LCD with backlight	•	4.2 sq. in.	
•	•	•		Output	3		Indoor, Outdoor, Discharge	LCD with backlight	•	4.2 sq. in.	
•	•	•		Output	3			LCD with backlight	•	4.2 sq. in.	
•	•	•	LonWorks	Output	4	•	Indoor, Outdoor, Discharge, Humidity, Occupancy	LCD with backlight	•	4.2 sq. in.	



For more information

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BMS-BR-CommT-Stat-SelectionGuide | 63-9610 | 2021-11-17
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FUTURE
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WHAT
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