T8532-IAQ

3 H / 2 C - Programmable with Humidification / **Dehumidification Control**

T8532-001

3 H / 2 C - Programmable

T8522-001

2 H / 2 C - Programmable



5 Year Warranty

Performance PRO[™] T8000 Series

Category leading extra-large display, commercial thermostats for multi-stage & heat pump applications.

Large BLUE backlit display - 8 inch² in sleek-design housing.

allowing easy viewing in low light.

S Memory card interface, enabling quick configuring of

large-project installations.

365 Day programmable calendar,

with 20 holidays & daylight-saving time shift, giving set-and-forget-it convenience.

Humidification / dehumidification control,

maximizing occupant comfort with a programmable environment. (Model T8532-IAQ)

Battery or hard-wire with power harvesting,

or (Green) mode, preserving battery life & reducing disposals.

Performance PRO Series common wallplate,

allowing installer or customer to easily upgrade to richer function thermostats.

High Performance Commercial Functions

- ▶ 7 Day, 5-1-1, 5-2, non-programmable modes
- Programmable & intermittent fan
- Economizer / damper control output
- 3 Levels of keypad lockout with PIN access
- ▶ Meets CA Building Code, Title 24 with pre-occupancy purge & override limitations
- Compressor & auxiliary lockout for dual fuel (fossil) or electric auxiliary heat
- Heating / Cooling LED indicator
- ▶ Low battery & change filter indicators
- Occupancy sensor / setback input
- Remote indoor & outdoor sensor support
- Commercial proportional integral control with configurable ramp recovery





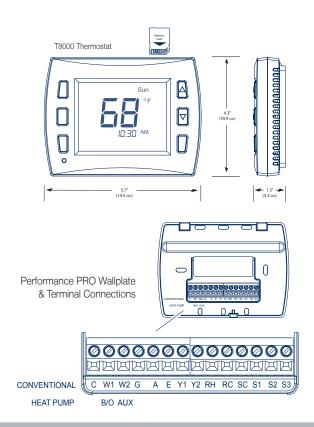






Specifications Temperature Control Range 50° to 90° F (10° to 32° C) 0° to 120° F (-18° to 49° C) **Operating Temperature Range** Storage Temperature Range -20° to 130° F (-29° to 55° C) **Electrical Input Frequency** 50/60 Hz +/- 10% 24 VAC (20-30 VAC) and/or 2 AA alkaline Input Power batteries (Installing batteries recommended) **Output Terminal W - Heating** 20-30 VAC 0.02-1.0 A Output Terminal Y - Cooling 20-30 VAC 0.02-1.0 A Output Terminal G - Fan 20-30 VAC 0.02-0.6 A Output Terminal A - Economizer 20-30 VAC 0.02-1.0 A **Dehumidification Sensor** 0 - 100% RH **Dehumidification Range** 25% - 99% RH **Termination Connections** Wallplate w/ terminal blocks **Memory Card** SD (Secure Digital)

Total load not to exceed 2.5 A

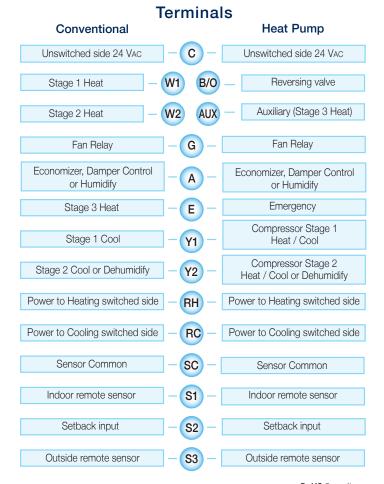


Technical Data

Dimensions		
Mounting	Direct mount; 2" x 4" horizontal or vertical, or 4" x 4"	
LCD Viewable Size	8 inch ² - 2.5" W x 3.2" H 51.8 cm ² - 6.4 cm W x 8.1 cm H	
Physical Dimensions	5.7"W x 4.3"H x 1.3"D	

Models & Accessories

Model	Part No.	Description
T8532-IAQ	70337	Performance PRO 3 Heat/2 Cool staging, programmable w/ Humidification/Dehumidification control
T8532-001	69922	Performance PRO 3 Heat / 2 Cool staging, programmable.
T8522-001	70333	Performance PRO 2 Heat /2 Cool staging, programmable.
70271	70271	Wallplate. Performance PRO common wallplate: applicable to all series models.
69308	69308	Indoor remote sensor
70327	70327	Outdoor remote sensor
SB200-001	68375	Occupancy sensor - time based
SK200-001	68381	Occupancy sensor - guest room



RoHS Compliant

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