

T8532-001

3 H / 2 C - Programmable

T8532-IAQ

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




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.

 **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



Innovation & experience you can count on



Oil



Electric



Gas



Heat Pump

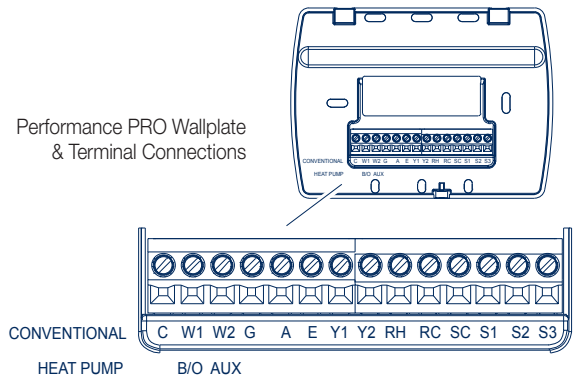
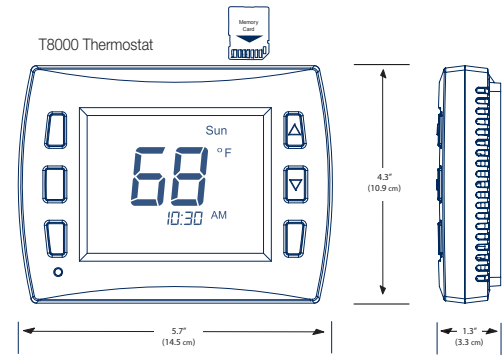
T8000

Series

Specifications

Temperature Control Range	50° to 90° F (10° to 32° C)
Operating Temperature Range	0° to 120° F (-18° to 49° C)
Storage Temperature Range	-20° to 130° F (-29° to 55° C)
Electrical Input Frequency	50/60 Hz +/- 10%
Input Power	24 VAC (20-30 VAC) and/or 2 AA alkaline 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.
69308	69308	Indoor remote sensor
70327	70327	Outdoor remote sensor
SB200-001	68375	Occupancy sensor - time based
SK200-001	68381	Occupancy sensor - guest room

Terminals

Conventional	Heat Pump
Unswitched side 24 Vac	Unswitched side 24 Vac
Stage 1 Heat	Reversing valve
Stage 2 Heat	Auxiliary (Stage 3 Heat)
Fan Relay	Fan Relay
Economizer, Damper Control or Humidify	Economizer, Damper Control or Humidify
Stage 3 Heat	Emergency
Stage 1 Cool	Compressor Stage 1 Heat / Cool
Stage 2 Cool or Dehumidify	Compressor Stage 2 Heat / Cool or Dehumidify
Power to Heating switched side	Power to Heating switched side
Power to Cooling switched side	Power to Cooling switched side
Sensor Common	Sensor Common
Indoor remote sensor	Indoor remote sensor
Setback input	Setback input
Outside remote sensor	Outside remote sensor

RoHS Compliant

P/N 70502 3220-2272 Rev 2 © PECO, Inc. 2015