

T12532-IAQ

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

T12532-001

3 H / 2 C - Programmable




5 Year Warranty

Performance PRO™ T12000 Series

Full featured, huge touch-screen display, commercial thermostats for multi-stage & heat pump applications.

Large BLUE backlit display - 12 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 T12532-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 this best-in-class thermostat.

Best in Class 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
- ▶ 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

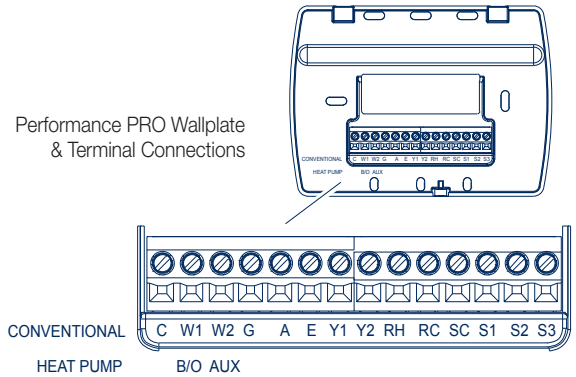
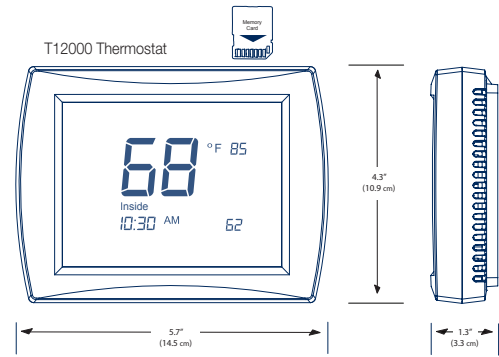
T12000

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	12 inch ² - 4" W x 3" H 77.5 cm ² - 10.2 cm W x 7.6 cm H
Physical Dimensions	5.7"W x 4.3"H x 1.3"D

Models & Accessories

Model	Part No.	Description
T12532-IAQ	70336	Performance PRO 3 Heat / 2 Cool staging, programmable w/ Humidification/Dehumidification control
T12532-001	69923	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	C	Unswitched side 24 VAC	
Stage 1 Heat	W1	B/O	Reversing valve
Stage 2 Heat	W2	AUX	Auxiliary (Stage 3 Heat)
Fan Relay	G		Fan Relay
Economizer, Damper Control or Humidify	A		Economizer, Damper Control or Humidify
Stage 3 Heat	E		Emergency
Stage 1 Cool	Y1		Compressor Stage 1 Heat / Cool
Stage 2 Cool or Dehumidify	Y2		Compressor Stage 2 Heat / Cool or Dehumidify
Power to Heating switched side	RH		Power to Heating switched side
Power to Cooling switched side	RC		Power to Cooling switched side
Sensor Common	SC		Sensor Common
Indoor remote sensor	S1		Indoor remote sensor
Setback input	S2		Setback input
Outside remote sensor	S3		Outside remote sensor

RoHS Compliant

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