

T12532-001

3 H / 2 C - Programmable

T12532-IAQ

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




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

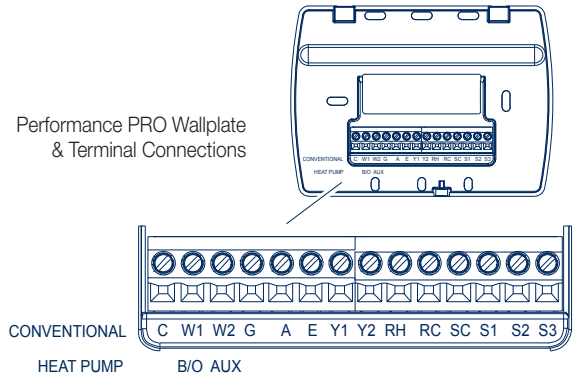
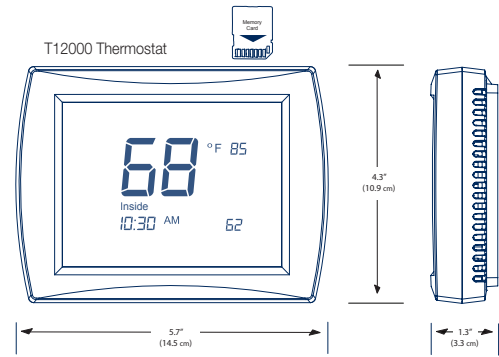
T12000

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 |
| Stage 2 Heat | W2 | AUX |
| 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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