

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

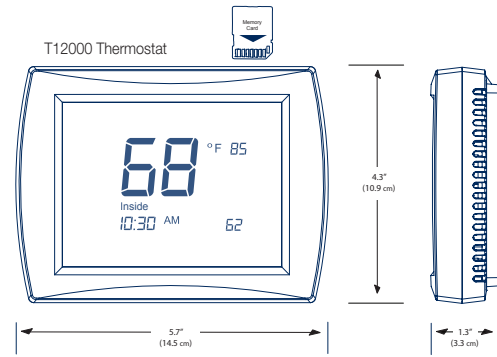
T12000

Series

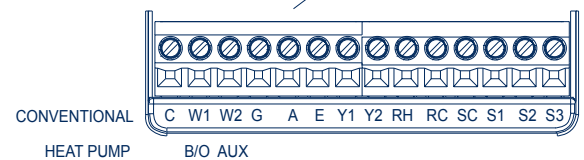
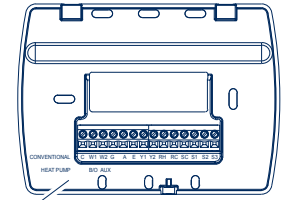
Specifications

| | |
|--------------------------------|--|
| 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



Performance PRO Wallplate & Terminal Connections



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

Unswitched side 24 Vac

Stage 1 Heat

Stage 2 Heat

Fan Relay

Economizer, Damper Control or Humidify

Stage 3 Heat

Stage 1 Cool

Stage 2 Cool or Dehumidify

Power to Heating switched side

Power to Cooling switched side

Sensor Common

Indoor remote sensor

Setback input

Outside remote sensor

Heat Pump

Unswitched side 24 Vac

Reversing valve

Auxiliary (Stage 3 Heat)

Fan Relay

Economizer, Damper Control or Humidify

Emergency

Compressor Stage 1 Heat / Cool

Compressor Stage 2 Heat / Cool or Dehumidify

Power to Heating switched side

Power to Cooling switched side

Sensor Common

Indoor remote sensor

Setback input

Outside remote sensor

RoHS Compliant

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