

T4932SCH-002

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

T4932SCH-001

3 H / 2 C - Programmable



5 Year Warranty

Performance PRO™ School Series

Commercial thermostats engineered especially for schools & educational facilities for single-stage, multi-stage & heat pump applications.

Large BLUE backlit display - 4 inch²
allowing easy viewing in low light.

SD Memory card interface,
enabling quick configuring of large-installations.

365 Day programmable calendar,
with 20 holidays & daylight-saving time
shift, giving *set-and-forget-it* convenience.

Random start management,
limiting peak-power demand surge through
stagger starts of multiple units.

Humidification / dehumidification control,
maximizing occupant comfort. (Model T4932SCH-002)

Occupancy learning,
improving energy use efficiency through learned
occupancy patterns.

Protective locking cover,
making thermostat tamperproof.

Commercial proportional integral control
enabling efficiency with built-in ramp recovery.

High Performing Commercial Functions

- ▶ 7 Day, 5-1-1, 5-2, non-programmable modes
- ▶ Preoccupancy fan purge
- ▶ Programmable & intermittent fan
- ▶ Up to 3 Heat / 2 Cool
- ▶ 3 Levels of keypad lockout with PIN access
- ▶ Override button (program enable) activating occupied mode to next event.
- ▶ CA Building Code and Title 24 compliance
- ▶ Compressor & auxiliary lockout for dual fuel (fossil) or electric auxiliary heat
- ▶ Heating / Cooling LED indicator
- ▶ Occupancy / CO₂ sensor setback input
- ▶ Remote indoor sensor support



Innovation & experience you can count on



Oil



Electric



Gas



Heat Pump

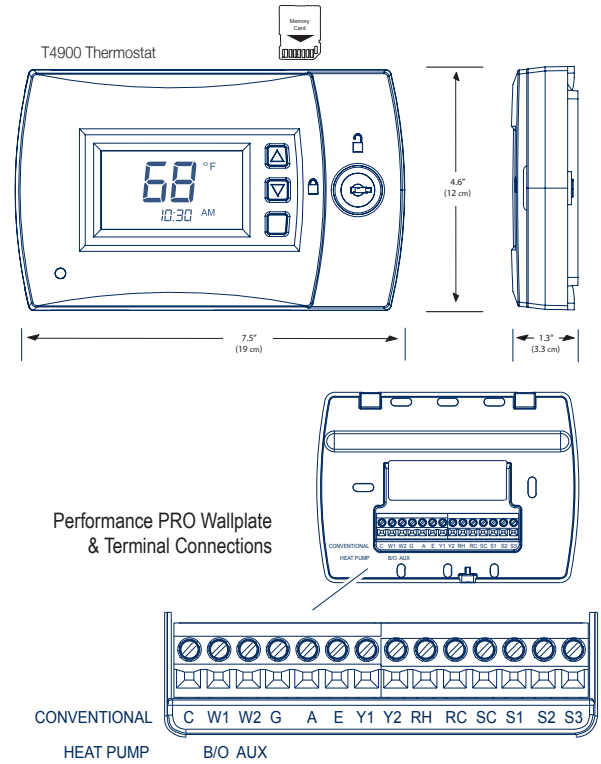
T4900

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
Dead band	3°-10° F (+/- 1.5-5° C) 3° F Default
Memory	Built-in error detection
Termination Connections	Wallplate w/ screw terminals

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	4 inch ² - 2.7" W x 1.5" H 26.2 cm ² - 6.9 cm W x 3.8 cm H
Physical Dimensions	7.5"W x 4.6"H x 1.3"D

Models & Accessories

Model	Part No.	Description
T4932 SCH-002	70451	3 Heat / 2 Cool, school overrides, programmable humidification/dehumidification control, lock cover.
T4932 SCH-001	70450	3 Heat / 2 Cool, school overrides, programmable, lock cover.
70271	70271	Wallplate. Performance PRO common wallplate: applicable to all series models.
70210	70210	Protective locking cover. Key security for 4000 series thermostats.
SC500-001	70452	CO ₂ sensor
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 / Outdoor remote sensor	S1	Indoor / Outdoor remote sensor
Setback input	S2	Setback input
CO ₂ sensor	S3	CO ₂ sensor

RoHS Compliant

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