### 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 inch<sup>2</sup>

allowing easy viewing in low light.



## 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



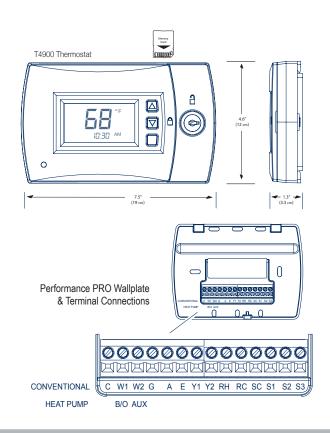






#### **Specifications Temperature Control Range** 50° to 90° F (10° to 32° C) **Operating Temperature Range** 0° to 120° F (-18° to 49° C) Storage Temperature Range -20° to 130° F (-29° to 55° C) **Electrical Input Frequency** 50/60 Hz +/- 10% **Input Power** 24 VAC (20-30 VAC) and/or 2 AA alkaline batteries (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 <sup>2</sup> - 2.7" W x 1.5" H 26.2 cm <sup>2</sup> - 6.9 cm W x 3.8 cm H	
Physical Dimensions	7.5"W x 4.6"H x 1.3"D	

#### Models & Accessories Part No. Description Model T4932 70451 3 Heat / 2 Cool, school overrides, **SCH-002** programmable humidification/ dehumidification control, lock cover. T4932 70450 3 Heat / 2 Cool, school overrides, SCH-001 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<sub>2</sub> 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

Conventional Heat Pump		
Oonventional	_	
Unswitched side 24 VAC		Unswitched side 24 VAC
Stage 1 Heat	W1 B/0	Reversing valve
Stage 2 Heat	W2 AUX	X — Auxiliary - Stage 3 Heat
Fan Relay	_ G -	Fan Relay
Economizer, Damper Control or Humidify	- A -	Economizer, Damper Control or Humidify
Stage 3 Heat		Emergency
Stage 1 Cool		Compressor Stage 1 Heat / Cool
Stage 2 Cool or Dehumidif	y - <b>Y</b> 2 -	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		Sensor Common
Indoor / Outdoor remote sensor	- S1 -	Indoor / Outdoor remote sensor
Setback input		Setback input
CO <sub>2</sub> sensor	- S3 -	CO2 sensor

**Terminals** 

**RoHS** Compliant

DS-T4900 9/10 - @ PECO, Inc. 2010





Oil







