T4522-001
2 H / 2 C - Programmable

T4511-001
1 H / 1 C - Programmable

T4022-001
2 H / 2 C - Non-programmable

T4011-001
1 H / 1 C - Non-programmable

68 °F
10:30 AM

PECO

5 Year Warranty

Performance PRO™ T4000 Series

Full featured commercial thermostats for single-stage, multi-stage & heat pump applications.

**Large BLUE display - 4 inch²
in sleek-design housing,**
allowing easy viewing in low light.

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

7 Day, 5-1-1, 5-2, programming modes,
giving flexibility in programming
& operation. (Models T4522-001, T4511-001)

Performance PRO Series common wallplate,
allowing installer or customer to easily
upgrade to richer function thermostats.

Commercial proportional integral control
with configurable ramp recovery, giving
superior commercial comfort and stable,
energy efficiency.

Wide Range of Commercial Functions

▸ 7 Day, 5-1-1, 5-2, non-programmable modes

▸ Programmable & intermittent fan

▸ Up to 3 H / 2 C in heat pump mode

▸ 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

▸ Heating / Cooling LED indicator

▸ Low battery & change filter indicators

▸ Occupancy sensor / setback input

▸ Remote indoor sensor support

PECO

Innovation & experience you can count on
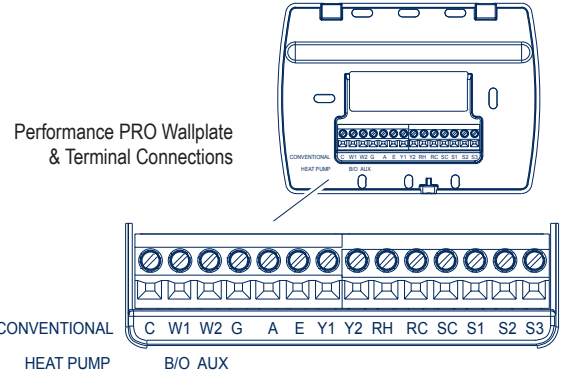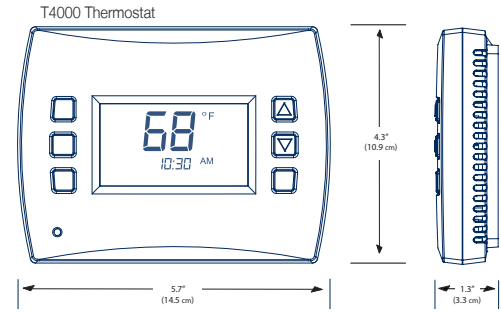
Oil   Electric   Gas   Heat Pump

T4000
Series

T4000 Thermostat

4.3"
(10.9 cm)

5.7"
(14.5 cm)

1.3"
(3.3 cm)

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

Performance PRO Wallplate & Terminal Connections

CONVENTIONAL — C   W1 W2 G   A   E   Y1 Y2 RH   RC SC S1   S2 S3

HEAT PUMP — B/O AUX

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	5.7"W x 4.3"H x 1.3"D

Models & Accessories

Model	Part No.	Description
T4522-001	69921	Performance PRO 2 Heat / 2 Cool staging, programmable.
T4511-001	70330	Performance PRO 1 Heat / 1 Cool staging, programmable.
T4022-001	70329	Performance PRO 2 Heat / 2 Cool staging, non-programmable.
T4011-001	70328	Performance PRO 1 Heat / 1 Cool staging, non-programmable.
70271	70271	Wallplate. Performance PRO common wallplate: applicable to all series models.
70210	70210	Protective locking cover. Key security with all 4000 series thermostats.
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
- -	A	- -
- -	E	- -
Stage 1 Cool	Y1	Compressor Stage 1 Heat / Cool
Stage 2 Cool	Y2	Compressor Stage 2 Heat / Cool
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
- -	S3	- -

RoHS Compliant

T4000 Series

Oil   Electric   Gas   Heat Pump

PECO