

THERMOSTATS & CONTROLLERS



DIGITAL DISPLAY PROGRAMMABLE THERMOSTATS T4000, T8000, AND T12000 SERIES THERMOSTATS



DESCRIPTION

PECO offers a wide range of programmable and non-programmable thermostats to meet your needs. The **T4500 Series** thermostats offer single or multistage heating and cooling. The **T4900 Series** offer up to 3 stages of heating and 2 cooling. Both series come with 24vac power or battery power options. The **T8000 Series** offer multistage heating and cooling with a large digital display. The **T12000 Series** can be used in single stage or multistage heating and cooling applications and it comes with a touchscreen display.

FEATURES

- 7 day, 5-1-1, 5/2 day programmable, or non-programmable modes
- Keypad lockout feature
- Occupancy sensor input
- 365 Day programmable calendar
- Holiday scheduling
- Remote sensor input
- Outdoor air sensor input for T8000 and T12000
- SD Card programming option on T8000 and T12000
- Blue backlit display
- 24 VAC or battery powered
- Terminal block wiring connections

NEW!



T4000 Series



T8000 Series



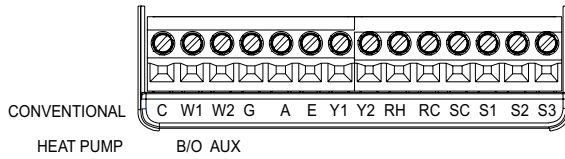
T12000 Series

SPECIFICATIONS	
Supply Voltage	24 VAC (20-30 VAC) 50/60Hz (±10%)
Output Voltage	20-30 VAC
Output Current	0.02 - 1.0 A per terminal; W1 (B/O), W2 (AUX), G, A, E, Y1, Y2. NOTE: Total current draw must not exceed 2.5A.
Temperature Range	50° to 90° F (10° to 32° C)
Additional Specifications	AA Batteries can be used for power (recommended for back-up)
Compatibility	SD card: T8000 and T12000 Series (must be 2 GB or less)
Differential	1°F (0.5°C)
Display Type	Digital with blue backlight
Fan	Cycling (Auto) or Continuous (On); 1 speed
Fan Switching	Off-Heat-Cool-Auto-Emergency (Emergency not available on T4000 models)
Lockout	Keypad with 3 digit code capability
Remote Sensor	10K Type II
Switch Type	Push button (selectable)
System Type	Conventional or Heat Pump
Operating Temperature	0° to 120°F (-17° to 48°C)
Operating Humidity	5% to 95% RH, Non-condensing
Dimensions	4.3"H x 5.7"W x 1.3"D (10.92 x 14.48 x 3.3 cm)
Weight	1.1 lb (0.49 Kg)
Approvals	ASHRAE 90.1 AND CA Title 24 Building Code Compliant
Warranty	5 years

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WIRING



TERMINAL DESIGNATIONS AND SYSTEM TYPES, T4000 SERIES

Conventional Terminal Letters	Heat Pump Terminal Letters
C Unswitched side, 24 VAC	C Unswitched side, 24 VAC
W1 Stage 1 Heat	B/O Reversing Valve
W2 Stage 2 Heat	AUX Auxiliary (Stage 3 Heat)
G Fan	G Fan
A	A
E	E
Y1 Stage 1 Cool	Y1 Compressor Stage 1, Heat /Cool 1
Y2 Stage 2 Cool (or Dehumidify)	Y2 Compressor Stage 2, Heat /Cool 2 (or Dehumidify)
RH Power for heating, switched side, 24 VAC	RH Power for heating, switched side, 24 VAC
RC Power for cooling, switched side, 24 VAC	RC Power for cooling, switched side, 24 VAC
SC Sensor Common	SC Sensor Common
S1 Indoor Remote Sensor	S1 Indoor Remote Sensor

TERMINAL DESIGNATIONS & SYSTEM TYPES, T8000 & T12000 SERIES

Conventional Terminal Letters	Heat Pump Terminal Letters
C Unswitched side, 24 VAC	C Unswitched side, 24 VAC
W1 Stage 1 Heat	B/O Reversing Valve
W2 Stage 2 Heat	AUX Auxiliary (Stage 3 Heat)
G Fan	G Fan
A Economizer/Damper/Humidity	A Economizer/Damper/Humidity
E Stage 3 Heat	E Emergency Heat
Y1 Stage 1 Cool	Y1 Compressor Stage 1, Heat /Cool 1
Y2 Stage 2 Cool (or Dehumidify)	Y2 Compressor Stage 2, Heat /Cool 2 (or Dehumidify)
RH Power for heating, switched side, 24 VAC	RH Power for heating, switched side, 24 VAC
RC Power for cooling, switched side, 24 VAC	RC Power for cooling, switched side, 24 VAC
SC Sensor Common	SC Sensor Common
S1 Indoor Remote Sensor	S1 Indoor Remote Sensor
S2 Occupancy Setback Input*	S2 Occupancy Setback Input*
S3 Outdoor Remote Sensor	S3 Outdoor Remote Sensor"

ORDERING INFORMATION

MODEL	DESCRIPTION
T12532-001	Programmable 3 heat, 2 cool 24 VAC or battery powered large screen
T12532-IAQ	Programmable 3 heat, 2 cool 24 VAC or battery powered large screen with humidity control
T4011-001	Non-programmable 1 heat, 1 cool 24 VAC or battery powered
T4522-001	Programmable 2 heat, 2 cool 24 VAC or battery powered
T4932SCH-001	Programmable 3 heat, 2 cool 24 VAC or battery powered with scheduling
T4932SCH-002	Programmable 3 heat, 2 cool 24 VAC or battery powered with humidity control and scheduling
T8532-001	Programmable 3 heat, 2 cool 24 VAC or battery powered
T8532-IAQ	Programmable 3 heat, 2 cool 24 VAC or battery powered

ACCESSORIES

MODEL	DESCRIPTION
SP155-017	Indoor remote wall sensor
SB200-001	Occupancy sensor time based wall mount
SK200-001	Occupancy sensor and door switch
SA200-001	Occupancy sensor ceiling mount
70481	SD 2 GB memory card for 8000 and 12000 Series Thermostats