



T8168W-3 Wi-Fi Controller

0-10 VDC / Three Wire Floating / ON-OFF



Precision Digital Outputs

The PECO T8168W-3 Wi-Fi thermostat provides local and remote control of HVAC fan coil, conventional, and proportional systems.

Easy single setpoint technology provides simple, yet accurate, control of temperature settings.

System Configurations

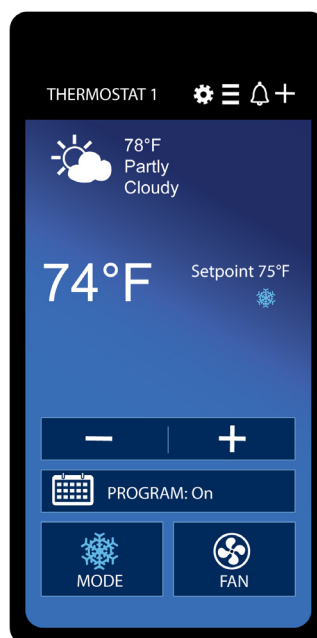
Designed to meet a variety of configuration needs.

Temperature

- 2 Heat/ 2 Cool ON/OFF
- 1 Heat/ 1 Cool TWF
- 1 Heat/ 1 Cool 0-10 VDC

Fan

- One 0-10 VDC Fan
- Up to Three 24 VAC Fan Speeds



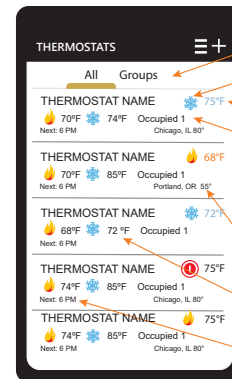
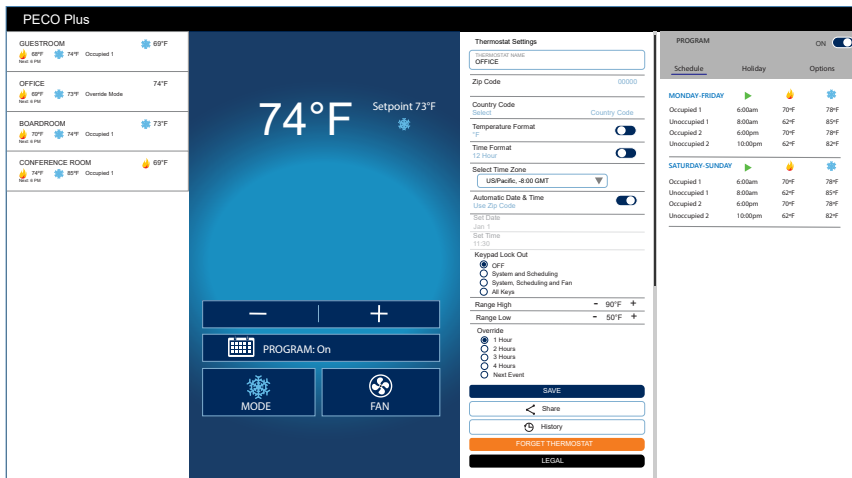
pecocontrolsystems.com

KEY BENEFITS

- Remote Adjustment of User Settings via the PECO Plus App
- Remote, Local, or Averaged Temperature Sensing
- Control for Relays, Valves, and Dampers
- Non-Programmable or Programmable Operation
- Keypad Lock Out with PIN
- Seasonal Summer-Winter Change Over for Fan Coils
- Fan Coil 2-Pipe/4-Pipe Settings
- Multiple Fault Notifications
- Door Open Shut Down
- Schedule Based Fan Selection
- Holiday Scheduling
- NO/NC Heat W1 Configuration



Connected



- See ALL Thermostats or Groups of thermostats.
- Current System Mode:
 - Heat, Cool, Auto, Off (red stop)
- Current Ambient Temperature
- Current Event Mode:
 - Occupied 1
 - UnOccupied 1
 - Occupied 2
 - UnOccupied 2
 - Holiday
 - Override Mode
- This location is blank when off or there is a fault
- Local Weather if Zipcode is entered
- Current Program Set Points
These will be gray if programming is turned off.
- Next Event time.
This may also show OFFLINE or FAULT DETECTION.

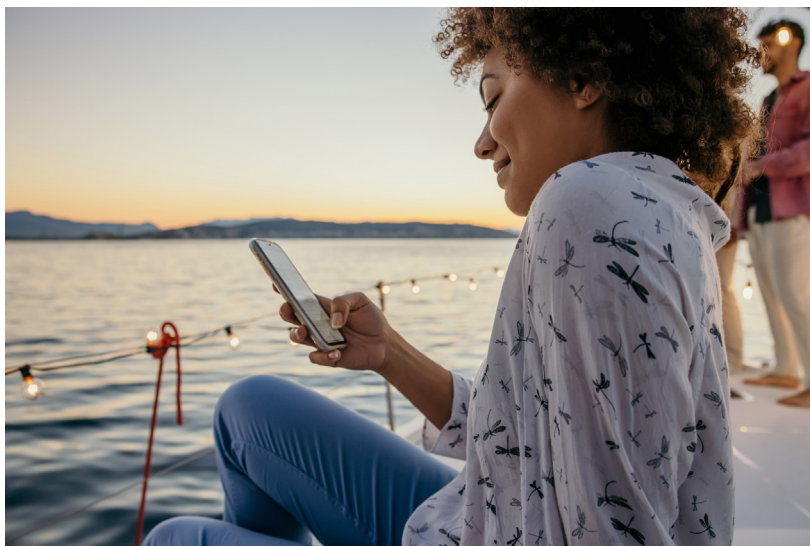
IOS - Android - Webpage Dashboard



Smart Thermostat Control

Anytime, Anywhere

Wherever Life Takes You



APPLICATIONS

Highly versatile control for a variety of applications.

- Fan Coil
- Conventional HVAC
- Proportional Control

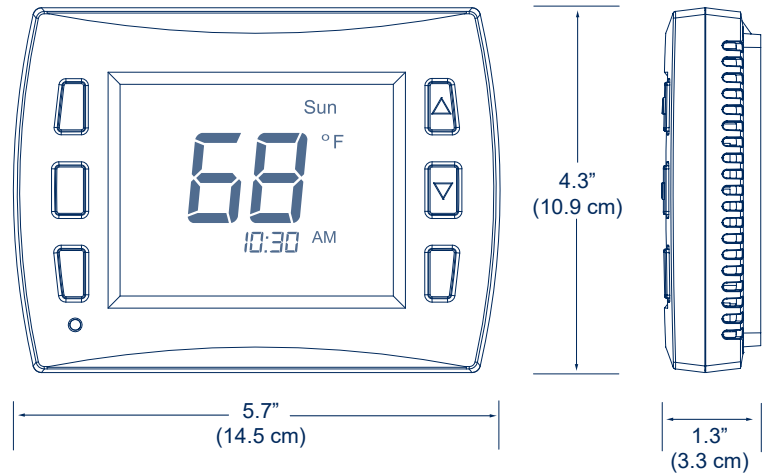
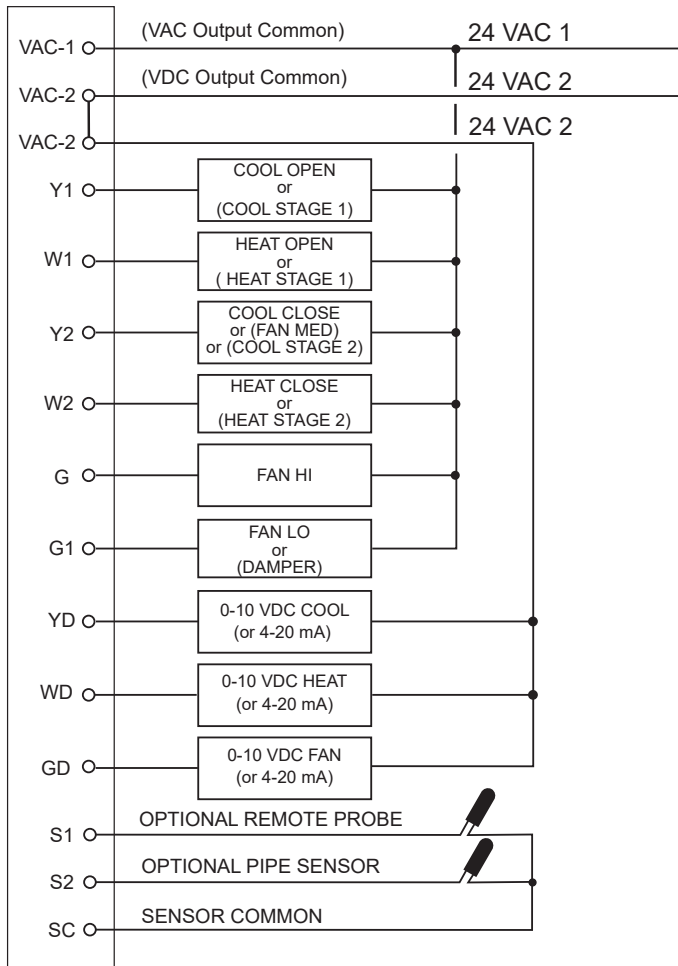
The T8168 family includes an easily configurable service menu that allows fast system set up to limit operation, match user preferences, or meet local codes.

Stay Connected with PECO Plus

With the PECO Plus app, you can control your thermostat remotely from any location with internet connectivity. The app offers a range of features, including:

- ✓ Assign thermostat or group naming
- ✓ Receive current weather updates
- ✓ Change set points
- ✓ Control operation of ON and OFF
- ✓ Applying scheduling
- ✓ Customizing your thermostat operation
- ✓ Grouping multiple thermostats
- ✓ Share thermostat access
- ✓ Lock out thermostat access

Manage your home's climate
efficiently and effortlessly with PECO Plus!



PRODUCT SPECIFICATIONS

Output Ratings

- Outputs: Y1, Y2, W1, W2, G, G1
24 VAC (20-30 VAC); 50/60 Hz
10 VA
- Outputs: WD, GD, YD
0-10 VDC: Loads must be 1.2K ohms minimum
4-20 mA: Loads must be 600 ohms maximum

Technical Data

- Temperature Control Range: 50° to 90° F (10° to 32° C)
- Differential: 1° F (0.5°C)
- Input Power: 24 VAC (20-30 VAC) 50/60 Hz (+/- 10%)
- Operating Temperature: 0° to 120°F (-18° to 49°C)
- Operating Humidity: 5% to 95% RH, non-condensing
- Physical Dimensions: 4.3" H x 5.7" W x 1.3"D
- Terminal Connections: 14-24 AWG stranded or solid wire
- Proportional Output Band Width: 2°F (1°C)
- Proportional Stroke Time Default: 2 Minutes (Configurable)

The PECO® Performance PRO™ T8168 APPLICATIONS INCLUDE fan coil, PTAC and Conventional system with a single, multi speed or 0-10VDC Fan.

Model	Part No.	Description
T8168W-3	74134	Performance PRO Proportional Controller Wi-Fi
Remote Sensor	68671	Temperature Probe for Return Air or Pipe Sensor
SP155-017	69308	Indoor Wall Mounted Remote Sensor

Get Started Today

For additional details, please contact PECO Control Systems.

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