



TW180 Multi-Fan Thermostat

Fan Coil, PTAC, Conventional

Precision Temperature Control

The TW180 Thermostat provides accuracy and configurability for valves, dampers, relays and fans.

Easy single set point technology provides accurate control of temperature settings.

System Configurations

Designed to meet a variety of configuration needs:

- Programmable or Non-programmable
- Auto-Heat-Cool-OFF System Modes
- Control for up to 2 Heat/1Cool
- Fan Auto/On with 1 to 3 Speeds
- NO / NC Heat 1 and Cool Operation
- Occupancy Setback Control

Applications

Highly versatile control for a variety of applications including hotels, dorms and condos.

- Fan Coil
- PTAC
- Conventional HVAC

The TW180 includes an easily configurable service menu to allow fast system set up of requirements to limit operation, match user preferences or meet local codes.

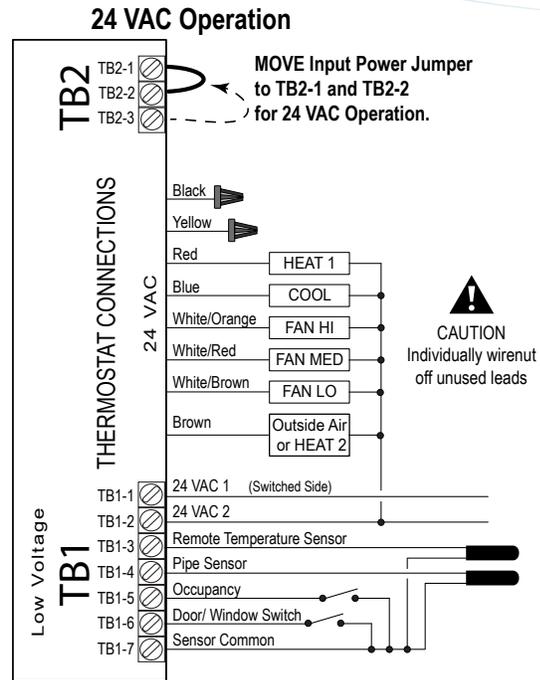
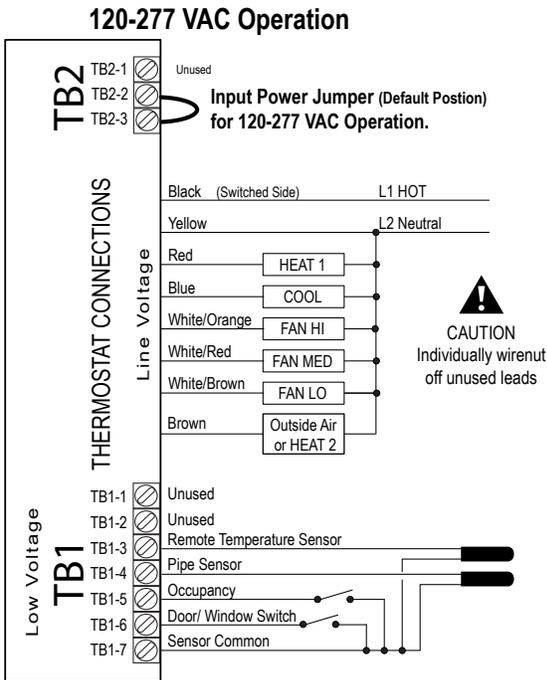
Application Support

Contact PECO to optimize feature selection that meet your requirements at Controls@astronics.com.

KEY BENEFITS

- Remote, Local or Averaged Temperature Sensing
- Control for Relays, Valves and Dampers
- User or Auto Staged Fan Speeds
- 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
- Programmable Fan
- Holiday Scheduling
- °F or °C Operation

Wiring Diagram



Model	Part No.	Description
TW180-1	74023	Performance Pro Multi-Fan Thermostat
Remote Sensor	68671	Temp Probe for Return Air or Pipe Sensor
SP155-017	69308	Indoor Wall Mounted Remote Sensor
SB200-001	68345	Occupancy Sensor with time delays
SE200-001	68379	Door Switch

PRODUCT SPECIFICATIONS

Output Ratings

Voltage	Inductive		Resistive	Pilot Duty
	FLA	LRA		
24 VAC	NA	NA	NA	24 VA
120 VAC	4.4	26.4	4.5	125 VA
240 VAC	2.2	13.2	4.3	125 VA
277 VAC	1.8	10.8	4.2	125 VA

COMBINED LOAD CURRENT NOT TO EXCEED 20 AMPS

Technical Data

- Temperature Control Range: 50° to 90° F (10° to 32° C)
- Differential: 1° F (0.5°C)
- Operating Temperature: 0° to 120°F (-18° to 49°C)
- Operating Humidity: 5% to 95% RH, non-condensing
- Physical Dimensions: 4.4" H x 5.9" W x 1.5"D
- Connections: Wire leads for System
Terminal Blocks for Accessories

The PECO® Performance PRO™ TW180 APPLICATIONS INCLUDE fan coil, PTAC and Conventional system with a single, multi speed or staged Fan.

Get Started Today

For additional details, please contact
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