

Thermostat Instruction Sheet

Peco TH-109 Two-Stage Thermostat

For use in wet or humid environments where water tightness is required

Parts List

Peco Two Stage Manual Thermostat (P/N: TH-109)

NOTE: All material used for installation should be approved, suitable and installed properly for the intended application.

TH-109 Specifications

Range: 40°-100°F (4°-38°C) heat/cool

Max Ambient Temp: 140°F (60°C)

Differential: 3°F Fixed

Operation: Two-Stage

Electrical Rating: 24-277 VAC

Contact Action: Opens on rise.

Dimensions: 7.34" x 3.46" x 4.89"

Additional Features: Two piece NEMA 4X plastic enclosure with all exposed parts made of stainless steel, type 300 series stainless coiled temperature sensing bulb, two SPDT switches, UL listed and CSA certified.

Installation Instructions

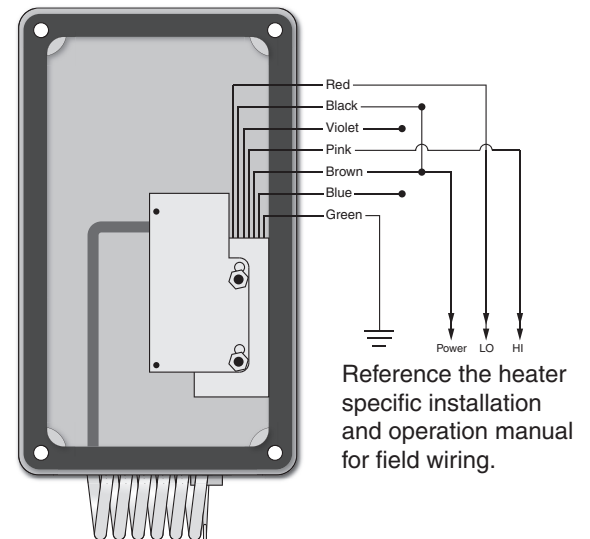
1. Remove cover of thermostat from base.
2. Disconnect the power source.
3. Locate in an area with good air circulation (no outside walls).
4. Install the thermostat approximately 5 feet above floor level.
5. Replace the cover.

Figure 1 • TH-109 Thermostat



Ensure the 1/2-inch conduit opening on the end of the enclosure is installed downward. With cover and NEMA 4X conduit fittings (not included) properly installed, the enclosure will meet NEMA 4X rain-tight ratings. **NOTE:** A drip-loop should be provided to prevent water and other liquids from entering the thermostat housing. Failure to use suitable watertight connections could result in thermostat failure.

Figure 2 • TH-109 Thermostat Wiring



Reference the heater specific installation and operation manual for field wiring.

WARNING



To avoid electrical shock or damage to equipment, disconnect all power before installing or servicing.

WARNING



To prevent overheating or fire, use this control as an operating or regulating thermostat. ALWAYS USE A BACKUP CONTROL OR ALARM if a control failure could cause the controlled appliance to overheat or could cause a fire.