



## TH158 HEAT PUMP CONTROLLER

### Highlights:

- Microprocessor Control
- LCD Display
- Off/Auto/Heat/Cool Modes
- Multi-Speed Fan Switching Available
- Fan Continuous Capability
- Setback Capability
- Staged Heat Output
- Fahrenheit or Celsius Display
- Setback 50/90°F or 65/80°C

### Applications:

- Water Source Heat Pump
- Air-to-Air Heat Pump
- Air Conditioning

### Temperature Range:

- Setpoint 50 to 90°F / 10 to 32°C

The TH158 microprocessor-controlled thermostat is a stand-alone digital controller that supplies 24VAC output control for fans, reversing valves, compressors, and staged heat.

Fan control options include ON for continuous operation, or AUTO which allows the fan to cycle with demand. Models are available with two fan continuous speeds.

The digital display, with easy-to-use adjustment buttons, allows convenient access to current zone temperature, set point temperature, and operating mode. Optional pipe sensor changeover, setback, and auxiliary heat functions are available, on selected models, for adapting to application requirements.

### Technical Specifications:

Temperature Range:	50 to 90°F / 10 to 32°C
Operating Differential:	1°F / 0.5°C
Maximum Ambient:	130°F / 54°C
Load Connections:	Terminal blocks
Mounting:	Installs to a standard 2"x 4" horizontal junction box
Agency Approvals:	UL, UL Canada, CE