



## TB158 PROPORTIONAL THERMOSTAT – ON/OFF AND THREE-WIRE FLOATING CONTROL

### Highlights:

- Microprocessor Control
- LCD Display
- On/Off Temperature Control Output
- Three-Wire Floating Control Output
- Multi Speed Fan Switching
- 2-Pipe / 4-Pipe Configuration
- Summer/Winter Changeover Option
- Setback Capability
- Staged Heat Option
- Operates at 50 or 60 Hz
- Fahrenheit or Celsius Display

### Applications:

- Three-Wire Floating Valves
- On/Off Valves, Damper, Relay and Fan Systems

### Temperature Range:

- Setpoint 50 to 90°F / 10 to 32°C

The TB158 microprocessor-controlled thermostat is a stand-alone digital controller that supplies 24 VAC output control for valves, dampers, relays and three-wire floating valves. The use of an advanced proportional integral (PI) algorithm allows precise control of zone comfort under varying operational and environmental conditions.

The digital display, with easy-to-use adjustment buttons, allows convenient access to current zone temperature, setpoint 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
Maximum Ambient:	130°F / 54°C
Load Connections:	Terminal blocks
Mounting:	Installs on a standard 2"x 4" horizontal junction box
Agency Approvals:	UL, UL Canada, CE

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