

Electric Heat Thermostats

LineVoltPRO® 8000 7-Day Programmable Hydronic Thermostat



The TL8100 Hydronic Thermostat offers the energy savings of a programmable control for a wide variety of applications. With the TL8100 there's no need to carry multiple thermostats for different applications. It can be used to control 2-way zone valves, 3-way zone valves or circulator pumps in both line volt and low volt applications. It also offers special protection modes to prevent system seizures and to reduce callbacks. Easy to install, the TL8100 is exactly what you need to provide your customers with cost-efficient programmable control of hydronic heating systems.

Application: Baseboards, Convectors, Fan-forced Heaters, Radiant Ceilings, Central Heating (Conventional)
Dimensions, Approximate: 3.3 in. X 3.1 in. X 0.5 in. (83 mm X 79 mm X 13 mm)
Color: White
Programmability: 7-Day Program
Electrical Connections: Screw terminals
Electrical Ratings: Maximum Load: 5 A (resistive), 2 A (inductive) @ 24 VDC, 120 Vac, 240 Vac; Compatible with millivolt systems
Voltage: Millivolt Compatible, 240 Vac, 120 Vac, 24 Vdc
Operating Humidity Range (% RH): 0% to 95%, non-condensing

Temperature Setting Range: 40 F to 85 F (5 C to 30 C)
Operating Temperature Range: 32 F to 122 F (0 C to 50 C)
Differential Temperature: 0.1 F (0.1 C)
Power Method: 2 X AA (LR6) batteries
Sensor Element: Thermistor
Switch Type: Relay
Mounting: Vertical
Approvals
Underwriters Laboratories, Inc: Approved

Product Number	Description	Stages	Accuracy	Terminal Designations	Comments	Used With
TL8100A1008/U	Multi-Application 7-Day Programmable Electronic Thermostat	1 Heat	0.5 C	R, W, (X, C, optional remote input)	Pump Protection (for hot water heating)	Aube CT240-02 Telephone Controller

LineVoltPRO™ 7000 Digital Non-Programmable Electric Heat Thermostats



The LineVoltPRO™ non-programmable digital thermostat provides electronic control of 208/240 Vac resistive rated electric baseboard heaters, radiant ceiling heat, convectors and fan forced heaters. If used as directed, electronic thermostats can save up to 10% on annual heating costs. Savings may vary based on geographic region and usage.

- Electronic temperature control - precision of ± 1 F saves up to 10% on heating bills.
- Large, clear, backlit display - easy to read in various lighting conditions.
- Soundproofed for quiet operation - reduces the clicking noise commonly heard with conventional thermostats.
- On/Off switch allows you to turn the thermostat off at the end of the heating season.
- Heating indicator - at a glance confirmation that the heat is on.
- Maintenance free - no batteries required.

Application: Electric baseboards, convectors and fan forced heaters (resistive rated loads)
Dimensions, Approximate: 4 7/8 in. high x 2 3/4 in. wide x 7/8 in. deep (124 mm high x 70 mm wide x 23 mm deep)
Accuracy: ± 1 F (± 0.5 C)
Switch Type: Relay
Switching Action: DPST

Frequency: 50 Hz; 60 Hz
Sensor Element: Thermistor
Color: Premier White®
Mounting: Vertical Mount
Approvals
Canadian Standards Association: cCSAus, File Number: LR76030
Underwriters Laboratories, Inc: UL Listed 9R12, File Number: E183695

Product Number	Electrical Ratings	Stages	Temperature Setting Range	
			(F)	(C)
TL7235A1003/U	15 Amps Max; 3600 Watts at 240 VAC, 3120 Watts at 208 VAC	1 Heat	40 F to 86 F	5 C to 30 C