

Thermostats—Electronic Programmable

NEW!

T8600, T8601, T8602, T8624 Chronotherm® IV Deluxe Programmable Thermostats; T8611 Chronotherm® IV Deluxe Programmable Heat Pump Thermostats

Provide electronic control of 24 Vac single-stage or multistage heating and cooling systems, including heat pump systems.



- Full seven-day program capability; different schedules and temperature setpoints may be selected for everyday to match the homeowner's flexible schedule.
- Copy key makes programming easier and faster for the installer and homeowner.
- Daylight Savings Time (DST) key for quick change in and out of Daylight Savings Time.
- Models available with programmable fan operation for added homeowner comfort.
- Easy temporary temperature setpoint changes for current period, vacation hold (1 to 255 days) or indefinite hold adds to the homeowner comfort and energy savings.
- Frequently used keys are located by the Liquid Crystal Display (LCD) for quick and easy access to information.
- Attractive styling complements any decor to the homeowner's delight.
- Back lighting the large display makes the LCD very easy to read.
- Models available with outdoor temperature sensor capability for homeowner convenience. The sensor is also more accurate than a thermometer.
- Configurable features allows one model to be used to replace many different models (less inventory, no longer need to carry separate models to get these features).
 - °F or °C temperature display;
 - Automatic or manual changeover;
 - Electric or conventional heat fan operation
 - Adjustable heating cycle rate.
- Minimum off time for cooling compressors and heat pumps protects the equipment and extends the equipment life.
- Easy installation, setup and system test saves installer time and increases productivity.
- System test simplifies troubleshooting and saves time by overriding the time delays.

- Adaptive Intelligent Recovery™ control brings the room temperature to temperature setpoint at the programmed time, maximizing comfort and energy savings.
- Setpoints are permanently held in memory (no batteries used) and retained during power outages for increased installer and homeowner convenience.
- Powerstealing, hardwired and battery powered models available for virtually all equipment and application needs.
- Universal Versaguard™ Thermostat guards available for added security.
- Adjustable range stops.

ELECTRICAL RATINGS: 24 Vac, 50/60 Hz; 20 to 30 Vac, 50/60 Hz. Load Ratings: 6 VA maximum at 30 Vac, 50/60 Hz.

Output Relay:

Fan: 0.5A Running, 2.5A Inrush
Heat: 1.5A Running, 3.5A Inrush
Cool: 1.5A Running, 7.5A Inrush

BATTERIES: T8602 models require batteries.

TEMPERATURE RATINGS:

Operating: 40 F to 110 F (4 C to 43 C).
Outdoor: -40 F to 120 F (-40 C to 49 C).
Accuracy: ±1 F (±0.5 C).

Setpoint Range:

Heating: 40 F to 90 F (4.5 C to 32 C).
Cooling: 45 F to 99 F (7 C to 35 C).
Deadband: 3 F (1.5 C) minimum.

TIMING:

Minimum Off (Heat and Cool): factory setting 5 minutes; option 0 to 5 minutes.

Clock Accuracy: ±1 minute per month.

HUMIDITY RATINGS: 5% to 90% RH, noncondensing.

DIMENSIONS, APPROXIMATE: 6¹/₁₆ in. (154 mm) wide, 3³/₄ in. (95 mm) high, 1⁹/₁₆ in. (40 mm) deep.

MOUNTING: Thermostat mounts on a wallplate. Wallplate mounts horizontally on wall or outlet box with two no. 6 x 32 screws (included).

ACCESSORIES:

C7089B Outdoor Temperature Sensors (69-1020).
Universal Versaguard™ Thermostat guards.

*TRADELINE models.

Order Number	Application	Program	Changeover	Power Method	Stages		Switch Positions		Terminal Designations	Finish
					Heating	Cooling	System	Fan		
T8600D2028	Gas, oil or electric 24 Vac Systems	7 day	Automatic/manual selectable	Power-stealing	1	1	HEAT-OFF-COOL-AUTO	ON-AUTO	Y,W,G,R,Rc,OT,OT,O,B	Taupe
T8600D2069									Y,W,G,R,Rc,OT,OT,O,B	Premier White
T8601D2001									Y,W,G,R,C,OT,OT,O,B	Taupe
T8601D2019									Y,W,G,R,C,OT,OT,O,B	Premier White
T8602D2000									Y,W,G,R,Rc,O,B,OT,OT	Taupe
T8602D2018									Y,W,G,R,Rc,O,B,OT,OT	Premier White
*T8611G2002	Heat Pump	7 day		Hardwired	2	2	EM. HT-HEAT-OFF-AUTO-COOL		Y1,W1,W2,G,E,L,R,C,O/B,OT,OT,X1,X2	Taupe
T8611G2028									Y1,W1,W2,G,E,L,R,C,O/B,OT,OT,X1,X2	Premier White
*T8624D2004	Multi-Stage Heat-Cool	7 day			2	2	HEAT-OFF-COOL-AUTO		Y1,Y2,W1,W2,G,R,Rc,C,O,B,OT,OT	Taupe
T8624D2012									Y1,Y2,W1,W2,G,R,Rc,C,O,B,OT,OT	Premier White