



T600 FAMILY OF THERMOSTATS



600 Family

Featuring

T631W-2 PTAC THERMOSTAT

Exclusively For Contractors

The Wireless PTAC Thermostat allows you to control temperature away from the heat/cool source.

This innovative new product was designed primarily to improve comfort in hotels and spaces that use PTAC units as the primary heat and cool source. The wireless characteristics of this thermostat can improve the comfort in many conventional systems as well.

T601



Single Stage
1 Heat, 1 Cool
Battery or Hardwire
Non-Programmable

T601-2



Single Stage
1 Heat 1 Cool
7 Day or 5/1/1 or
Non-Programmable

T605-2



Single Stage
1 Heat, 1 Cool
Battery or Hardwire

T621-2



Heat Pump
2 Heat, 1 Cool
Battery or Hardwire
Non-Programmable



Features of the T600 Family of Thermostats

- Easy wire color coded terminal blocks
- Separate B & O terminals
- Room temperature calibration adjustment
- 5 minute compressor delay protection (selectable on or off)
- Easy access battery compartment
- Wall mount or junction box
- 5/1/1 programmable (programmable models only)
- Separate heating and cooling swing (cycle rate) adjustments
- Universal sub-base
- 5 year warranty ^V
- Battery or 24 power

Model #	7D 7 Day Programmable	5/1/1 5/1/1 Programmable	NP Non-programmable	Stages of Heat	Stages of Cool	Heat pump with emergency heat compatible	Compatible with Conventional Systems	Display Size (Square Inches)	Auto Changeover	Filter Change Reminder	Room Temperature Calibration	Adjustable Temperature	Programmable Swing	Adjustable Fan Setpoint Limits	Humidity Control	Memory Type (Permanent)	Touchscreen	Warranty (Years)	Terminals
T601			NP	1	1	•	0.5			•	•					•		5	Rh, Rc, C, Y, W, G, B, O
T601-2			NP	1	1	•	2			•	•					•		5	Rh, Rc, C, Y, W, G, B, O
T605-2		5/1/1		1	1	•	2			•	•					•		5	Rh, Rc, C, Y, W, G, B, O
T621-2			NP	2	1	•	2			•	•					•		5	R, C, Y, W2, E, G, B, O

Specifications

The display range of temperature.....	41°F to 95°F (5°C to 35°C)
The control range of temperature.....	44°F to 90°F (7°C to 32°C)
Load rating.....	1 amp per terminal, 1.5 amp maximum all terminals combined
Display accuracy.....	± 1
Swing (cycle rate or differential).....	Heating is adjustable from 0.2°F to 2.0°F Cooling is adjustable from 0.2°F to 2.0°F
Power source.....	18 to 30 VAC, NEC Class II, 50/60 Hz for hardwire (common wire) Battery power from 2 AA Alkaline batteries
Operating ambient.....	32° to +105° (0° to +41°C)
Operating humidity.....	90% non-condensing maximum
Dimensions of thermostat.....	4.7"W x 4.4" H x 1.1"D

T631W-2 PTAC Thermostat

Wireless PTAC Thermostat
 1 heat 1 cool conventional
 2 heat 1 cool heat pump
 Battery or Hardwire
 Non-programmable



Thermostat Application Guide

System Type	Yes/No	System Description	Yes/No
Gas or Oil Heat	Yes	24 Volt Heat Only Systems	Yes
Electric Furnace	Yes	24 Volt Heat & Cool Systems	Yes
Heat Pump (no Mux. or Emergency Heat)	Yes	Cool Only Systems	Yes
Heat Pump (with Aux.)	Yes	High and Low Fan Speed	Yes
Multi-stage Systems	No	Millivolt	No

NOTE: For single speed fan systems wire a jumper between the GL and GH terminal blocks.