

# Non-Programmable Thermostats

## FocusPRO® 5000 Digital Non-Programmable Thermostats

Standard Display

Large Display



TH5110

Standard Display

Large Display



TH5220

The FocusPRO® non-programmable thermostat provides control of 24 Vac conventional and heat pump systems or 750 mV heating systems.

- Non-programmable digital thermostat.
- Large, clear, backlit display - easy to read in various lighting conditions.
- Display size options - available in large screen or standard.
- Precise comfort control ( $\pm 1$  F) - maintains consistent comfort to the highest level of accuracy.
- Easy change battery door - flip out door allows for easy battery replacement without removing or disassembling the thermostat.
- Up to 3 Heat/2 Cool Heat Pump or Up to 2 Heat/2 Cool Conventional.
- Dual-powered (battery and/or hardwire).

### Dimensions, Approximate

**TH5110:** 3 7/16 in. high x 4 1/2 in. wide x 1 5/16 in. deep  
(86 mm x 114 mm x 33 mm)

**TH5220:** 3 9/16 in. High X 5 13/16 in. Wide X 1 1/2 in. Deep  
(91 mm X 147 mm X 38 mm)

**Electrical Ratings:** 20 to 30 Vac or 750 mV

**Changeover:** Auto/Manual Selectable

**Operating Humidity Range (% RH):** 5 to 90% RH, non-condensing

**Accuracy:**  $\pm 1$  F ( $\pm 0.5$  C)

**Cycles per Hour:** Heating 1-12 CPH; Cooling 1-6 CPH

**Switch Type:** Relay

**Cooling:** 1.0 A running

**Heating:** 1.0 A running

**Fan:** 0.5 A running

**Frequency:** 50 Hz; 60 Hz

**Power Method:** Dual Powered: Battery or Hardwire

**Sensor Element:** Thermistor

**Color:** Premier White®

**Mounting:** Horizontal

### Accessories:

**50001137-001**-FocusPRO TH5110 and Horizontal PRO 1000/2000 Cover Plate Assembly

**50002883-001**-FocusPRO 5000/6000, PRO 3000/4000 and horizontal PRO 1000/2000 Cover Plate Assembly

**50007297-001**-12 pack of small coverplates (4 5/16 in. x 5 1/2 in.)

**50007298-001**-12 pack of medium coverplates (5 in. x 6 7/8 in.)

### Replacement Parts:

**50000951-001**-Replacement Battery Holder for FocusPRO TH5110 Thermostat

**50007072-001**-Replacement Battery Holder for FocusPRO TH5220, TH5320, TH6110, TH6220, and TH6320 Thermostat

Product Number	Application	Switch Positions		Terminal Designations	Stages	Temperature Setting Range		Comments
		System	Fan			(F)	(C)	
TH5110D1006/U	Up to 1 Heat/1 Cool Conventional Systems and Heat Pumps with No Auxiliary Heat	HEAT-OFF-COOL-AUTO	AUTO-ON	R, Rc, C, W (O/B), Y, G	Up to 1 Heat/1 Cool	Heat: 40 F to 90 F; Cool: 50 F to 99 F	Heat: 4.5 C to 32 C; Cool: 10 C to 37 C	Standard display size 1.95 sq. in.
TH5110D1022/U	Up to 1 Heat/1 Cool Conventional Systems and Heat Pumps with No Auxiliary Heat	HEAT-OFF-COOL-AUTO	AUTO-ON	R, Rc, C, W (O/B), Y, G	Up to 1 Heat/1 Cool	Heat: 40 F to 90 F; Cool: 50 F to 99 F	Heat: 4.5 C to 32 C; Cool: 10 C to 37 C	Large display size 2.98 sq. in.
TH5220D1003/U	Up to 2 Heat/2 Cool Conventional Systems. Up to 2 Heat/1 Cool Heat Pumps	HEAT-OFF-COOL-AUTO-EM.HEAT	AUTO-ON	Rc, R, W (O/B), W2 (AUX), Y, Y2 (E), G, L, C	Up to 2 Heat/2 Cool	Heat: 40 F to 90 F; Cool: 50 F to 99 F	Heat: 4.5 C to 32 C; Cool: 10 C to 37 C	Standard display size 3.75 sq. in.
TH5220D1029/U	Up to 2 Heat/2 Cool Conventional Systems. Up to 2 Heat/1 Cool Heat Pumps	HEAT-OFF-COOL-AUTO-EM.HEAT	AUTO-ON	Rc, R, W (O/B), W2 (AUX), Y, Y2 (E), G, L, C	Up to 2 Heat/2 Cool	Heat: 40 F to 90 F; Cool: 50 F to 99 F	Heat: 4.5 C to 32 C; Cool: 10 C to 37 C	Large display size 5.09 sq. in.
TH5320U1001/U	Up to 2 Heat/2 Cool Conventional Systems. Up to 3 Heat/2 Cool Heat Pumps	HEAT-OFF-COOL-AUTO-EM.HEAT	AUTO-ON	Rc, R, W (O/B), W2 (AUX/E), Y, Y2, G, L, C	Up to 3 Heat/2 Cool	Heat: 40 F to 90 F; Cool: 50 F to 99 F	Heat: 4.5 C to 32 C; Cool: 10 C to 37 C	Large display size 5.09 sq. in.