

Non-Programmable Thermostats

FocusPRO® 5000 Digital Non-Programmable Thermostats



Standard Display



Large Display

The FocusPRO® non-programmable digital thermostat provides electronic 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 (± 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.

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

Dimensions, Approximate (TH5220, TH5320): 3 9/16 in. high x 5 13/16 in. wide x 1 1/2 in. deep (91 mm high x 147 mm wide x 38 mm deep)

Changeover: Auto/Manual Selectable

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

Accuracy: ± 1 F (± 0.5 C)

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

Ambient Temperature Range: 32 F to 120 F (0 C to 48.9 C)

Switch Type: Relay

Currents (Cooling): 1.0 A running

Currents (Heating): 1.0 A running

Currents (Fan): 0.5A running

Electrical Ratings: 20 to 30 Vac or 750 mV

Frequency: 50 Hz; 60 Hz

Power Method: Dual Powered: Battery or Hardwire

Sensor Element: Thermistor

Accessories:

50001137-001 FocusPRO TH5110 Cover Plate Assembly

50002883-001 FocusPRO 5000/6000 and PRO 3000/4000 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	Color	Mounting	Switch Positions		Terminal Designations	Stages	Setting Temperature Range		Comments
				System	Fan			(F)	(C)	
TH5110D1006	Up to 1 Heat/ 1 Cool Conventional and Heat Pumps with No Auxiliary Heat	Premier White®	Horizontal	HEAT-OFF-COOL-AUTO	AUTO-ON	R, Rc, C, W (O/B), Y, G	Up to 1 Heat/ 1 Cool	Heat: 40 to 90 F; Cool: 50 to 99 F	Heat: 4.5 to 32 C; Cool: 10 to 37 C	Standard Display
TH5110D1022	Up to 1 Heat/ 1 Cool Conventional and Heat Pumps with No Auxiliary Heat	Premier White®	Horizontal	HEAT-OFF-COOL-AUTO	AUTO-ON	R, Rc, C, W (O/B), Y, G	Up to 1 Heat/ 1 Cool	Heat: 40 to 90 F; Cool: 50 to 99 F	Heat: 4.5 to 32 C; Cool: 10 to 37 C	Large Display
TH5220D1003	Up to 2 Heat/ 1 Cool Heat Pumps and Up to 2 Heat/2 Cool Conventional Systems	Premier White®	Horizontal	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 to 90 F; Cool: 50 to 99 F	Heat: 4.5 to 32 C; Cool: 10 to 37 C	Standard Display
TH5220D1029	Up to 2 Heat/ 1 Cool Heat Pumps and Up to 2 Heat/2 Cool Conventional Systems	Premier White®	Horizontal	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 to 90 F; Cool: 50 to 99 F	Heat: 4.5 C to 32 C; Cool: 10 to 37 C	Large Display
TH5320U1001	Up to 3 Heat/ 2 Cool Heat Pumps and Up to 2 Heat/2 Cool Conventional Systems	Premier White®	Horizontal	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 to 90 F; Cool: 50 to 99 F	Heat: 4.5 C to 32 C; Cool: 10 to 37 C	Large Display

Also available in wireless. See page 22 through page 28.