

Non-Programmable Thermostats

FocusPRO® 5000 Digital Non-Programmable Thermostats

Standard Display



TH5110

Large Display



Standard Display



TH5220

Large Display



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 (± 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: ± 1 F (± 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.