



## P200 FocusPRO Series

### PROGRAMMABLE THERMOSTAT

#### SUBMITTAL SHEET

Job Name	
Engineer	
Mechanical Contractor	
Contractor's P.O. No.	
Representative	
Notes	

Model(s)				
TH2320U4006	Qty.		Notes	
TH2110U4004	Qty.		Notes	
Approval				
Service				
Tag No.				

### APPLICATION

**Model TH2320U4006:** Up to 3H/2C Heat Pump systems or up to 2H/2C Conventional forced air systems. Radiant heat. Dual fuel. Compressor and aux heat lockout for heat pump applications with wired outdoor sensor.

**Model TH2110U4004:** Single-stage Heat Pump or Conventional forced air or radiant low-voltage systems.

### SPECIFICATIONS

**Terminal Designations:** R, RC, C, W, O/B, W2-AUX, E, Y, Y2, G, L/A, K, S, and S.

#### Electrical Ratings:

Terminal	Voltage (50/60Hz)	Running Current
W Heating	20-30 Vac	0.02-1.0 A
W Heating	750 MV	-
W2 (Aux) Heating (TH2320U4006)	20-30 Vac	0.02-1.0 A
E Emergency Heat (TH2320U4006)	20-30 Vac	0.02-0.5 A
Y Compressor Stage 1	20-30 Vac	0.02-1.0 A
Y2 Compressor Stage 2 (TH2320U4006)	20-30 Vac	0.02-1.0 A
G Fan	20-30 Vac	0.02-0.5 A
O/B Changeover	20-30 Vac	0.02-0.5 A
L/A Input	20-30 Vac	0.02-0.5 A

**Cool Indication:** Displays "Cool On" when the thermostat turns the cooling on.

**Heat Indication:** Displays "Heat On" when the thermostat turns the heating on.

**Temperature Sensor Accuracy:** ± 1 °F at 70 °F (0.5 °C at 21.0 °C)

**Clock Accuracy:** ± 1 minute every month (30 days) at 77°F. ± 2 minutes per month over the operating ambient temperature range.

**Mounting Means:** Thermostat packaged with a UWP mounting system that mounts directly on the wall in the living space using mounting screws and anchors provided. Use the optional cover plate with J-box adapter (also included with thermostat) if you need to cover marks from the previous thermostat or mount to a J-box.

**Flexible scheduling.**

**Fan lockout after cool call option.**

**Heat and cool range settings.**

**Keypad lockout.**

**Upstage timer for backup heat.**

**Change filter reminders.**

**Custom display settings.**

**Power method:** 24 volts to Rc and C or 2 AA alkaline batteries (included).

**Power Consumption:**

Typical (Backlight On): 1.0VA

**5-Year Warranty.**

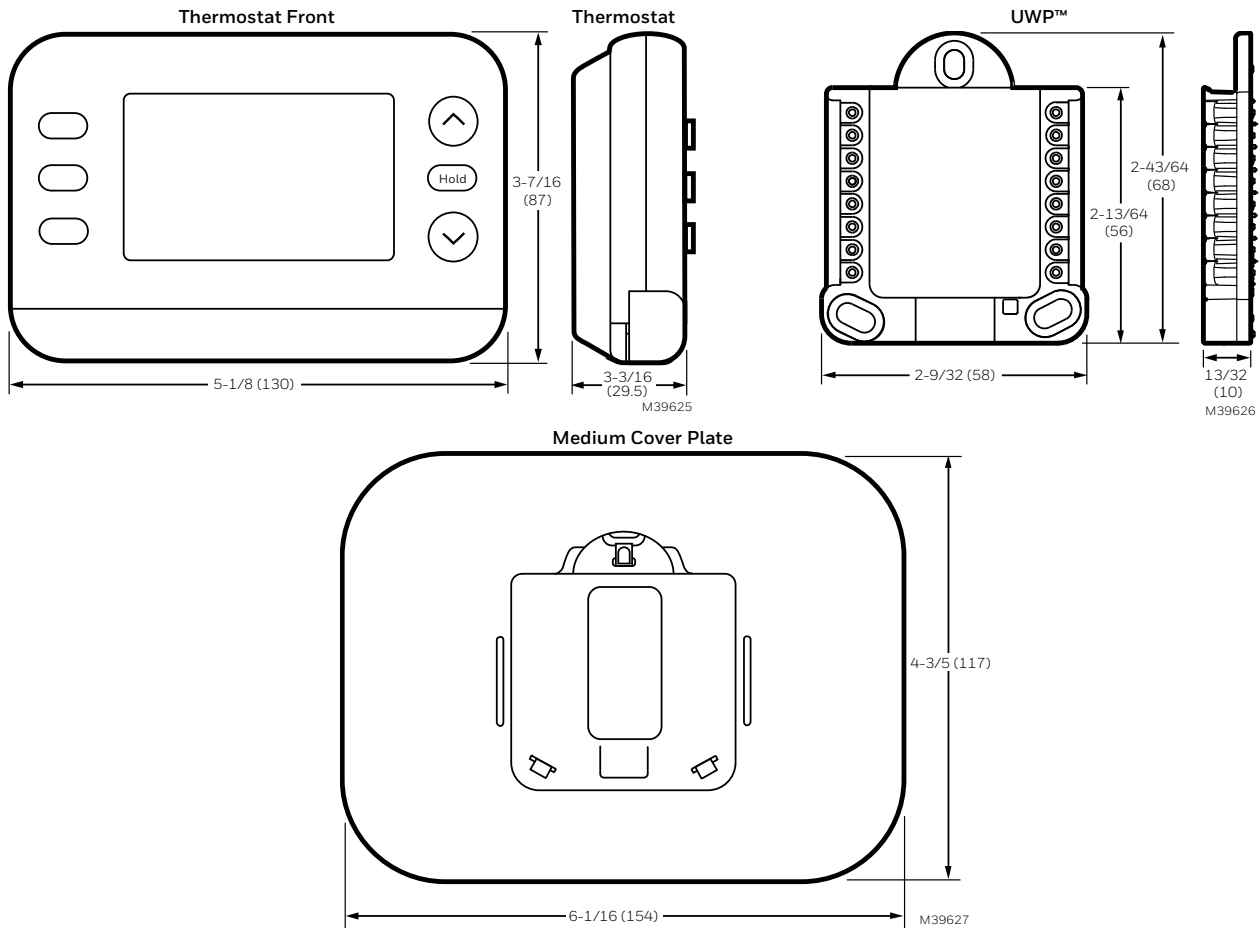
**Meets California Title 24 Guidelines for Single Family Residence.**

Product	Part Number	Temperature Setpoint Range	Operating Ambient Temperature	Shipping Temperature	Operating Relative Humidity	Physical Dimensions in Inches (mm)	Color(s)
Thermostat	TH2320U4006 TH2110U4004	Heating: 32 °F to 90 °F (0 °C to 32 °C)  Cooling: 50 °F to 99 °F (10 °C to 37 °C)	32 °F to 102 °F (0 °C to 38.9 °C)	-20 °F to 120 °F (-28.9 °C to 48.9 °C)	5% to 90% (non condensing)	5-1/8" W x 3-7/16" H x 1-3/16" D (130 mm W x 87 mm H x 29.5 mm D)	White



## DIMENSIONS (NOT TO SCALE)

Product	Description	Physical Dimensions in Inches (mm)
UWP wall plate	Included with thermostat.	2-43/64" H X 2-9/32" W X 13/32" D (68 mm H X 58 mm W X 10 mm D)
Medium cover plate THP2400WH	Included with thermostat. Includes medium cover plate and J-box adaptor.	6-1/16" W x 4-3/5" H (154 mm W x 117 mm H)
Large cover plate THP2400A1080	Ordered separate. Includes large cover plate and J-box adaptor.	6-1/10" H X 6-1/10" W (155.3 mm H X 155.3 mm W)
Wired outdoor sensor C7089U1006	Not included with thermostat. Used for compressor lockout or aux heat lockout on heat pump applications on TH2320U4006 model.	—
C-wire adapter THP9045A	C-wire adapter can be used when a common wire is not available for systems that control cooling. (Common wire not required when AA Alkaline batteries are used).	—



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