



S200 FocusPRO Series Smart Thermostat

WIFI PROGRAMMABLE THERMOSTAT

SUBMITTAL SHEET

Job Name		Model(s)			
Engineer		TH2320WF4010	Qty.		Notes
Mechanical Contractor		TH2110WF4008	Qty.		Notes
Contractor's P.O. No.		TH2320WF4011	Qty.		Notes
Representative		Approval			
Notes		Service			
		Tag No.			

APPLICATION

Model TH2320WF4010: 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 or internet weather.

Model TH2110WF4008: Single-stage Heat Pump or Conventional forced air or radiant low-voltage systems.

Model TH2320WF4011: Same as TH2320WF4010 but sold in the Middle East.

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
W2 (Aux) Heating (TH2320WF)	20-30 Vac	0.02-1.0 A
E Emergency Heat (TH2320WF)	20-30 Vac	0.02-0.5 A
Y Compressor Stage 1	20-30 Vac	0.02-1.0 A
Y2 Compressor Stage 2 (TH2320WF)	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: Updates automatically when connected to Internet. When not connected to Internet ± 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, smart schedule with geofencing, or no schedule.

Fan lockout after cool call option.

Heat and cool range settings.

Keypad lockout.

Upstage timer for backup heat.

Change filter reminders.

Custom display settings.

Humidity sensor with humidity display option.

WiFi Communication:

- Provides Remote Access through Smartphone or Tablet when connected to WiFi and registered to First Alert by Resideo app.
- 2.4GHz or 5GHz range, 802.11 b/g/n home wireless router
- Works with Smart Home partners. (List of partners can be found at: <https://www.honeywellhome.com/partners>)
- Search for local Demand Response utility rebates: <https://www.honeywellhome.com/Rebates>

Power method: 24 volts to Rc and C required (no batteries).

Power Consumption:

Typical (Backlight On, WiFi On): 1.0VA

Maximum (Backlight On, WiFi installation): 1.5VA

ENERGY STAR® Certified.

5-Year Warranty.

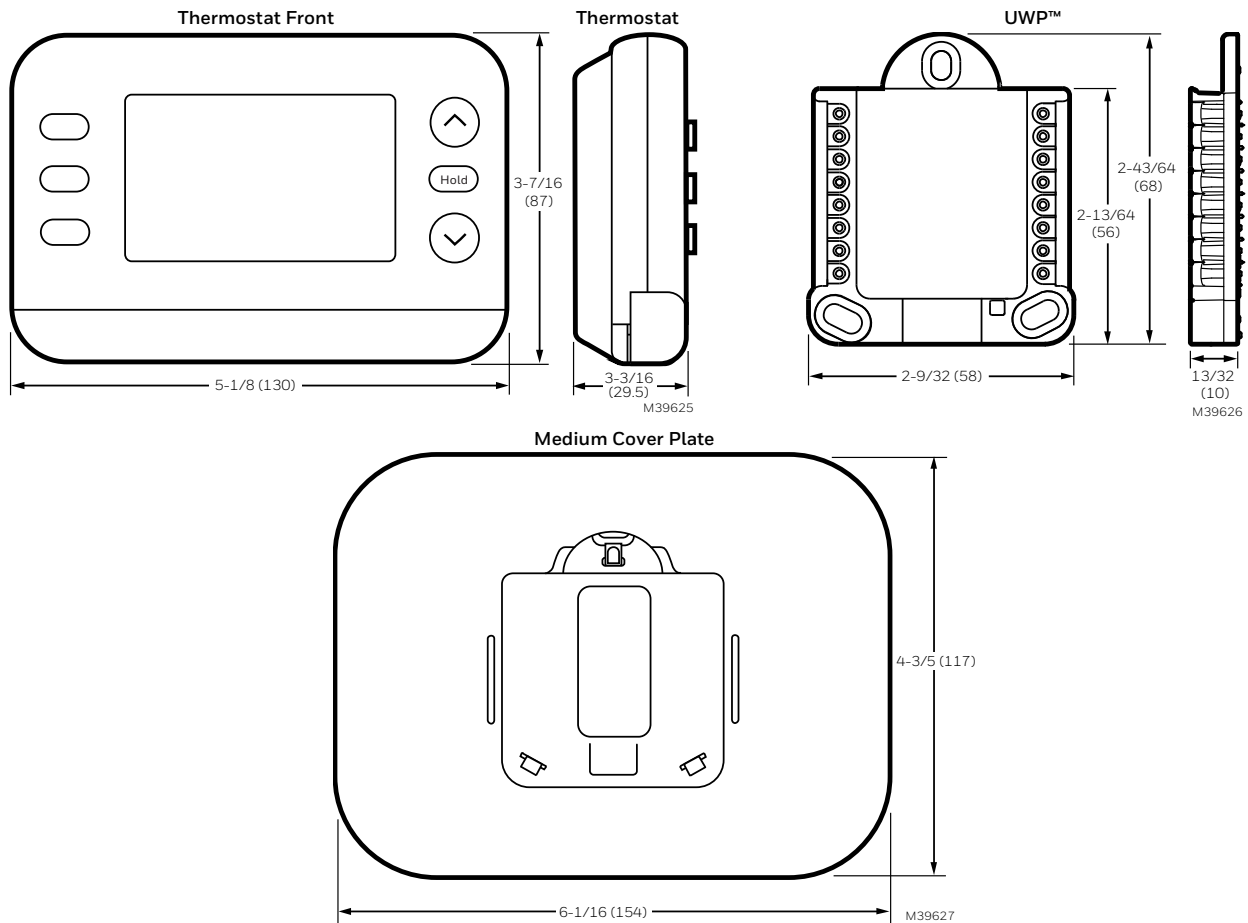
Meets California Title 24 Guidelines for Single Family Residence.

Product	Part Number	Temperature Setpoint Range	Operating Ambient Temperature	Shipping Temperature	Operating Relative Humidity	Physical Dimensions in Inches (mm)	Color(s)
Thermostat	TH2320WF4010 TH2110WF4008 TH2320WF4011	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 TH2320WF4010 or TH2320WF4011 models.	–
C-wire adapter THP9045A	C-wire adapter can be used when a common wire is not available for systems that control cooling.	–



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33-00702-02 SA Rev. 03-25

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