

T6 Pro USER MANUAL/USER GUIDE Honeywell Home Pro Series

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Honeywell

Following Schedule

6:30 PM

Heat

72
72

Fan Auto

Mode

Menu

Fan

-

+

ProSeries

Honeywell | Home

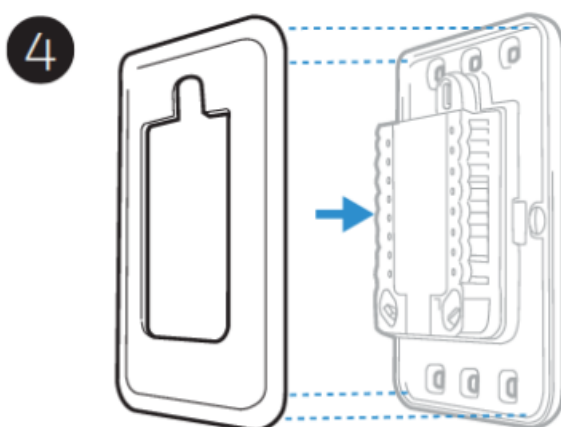
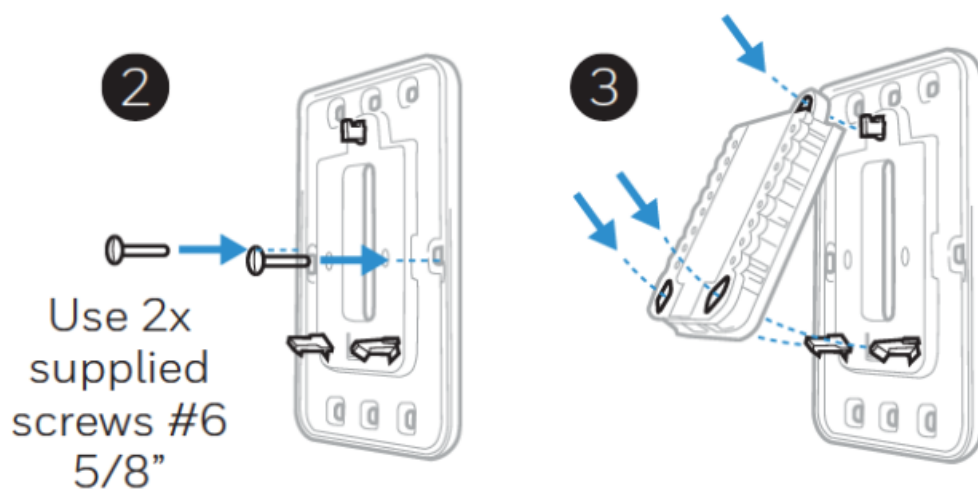
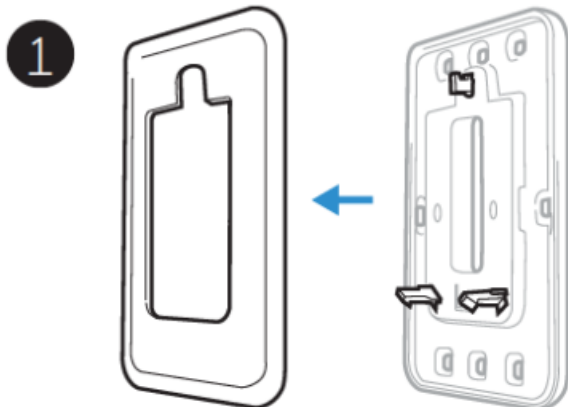
T6 Pro Programmable Thermostat Installation Instructions.

Package Includes:

- T6 Pro Thermostat
- UWP Mounting System
- Honeywell Standard Installation Adapter (J-box adapter)
- Honeywell Decorative Cover Plate – Small; size 4-49/64 in x 4-49/64 in x 11/32 in (121 mm x 121 mm x 9 mm)
- Screws and anchors
- 2 AA Batteries

Optional Cover Plate installation

NOTE: If Optional Cover Plate is not required, see “UWP Mounting System installation” on next page.



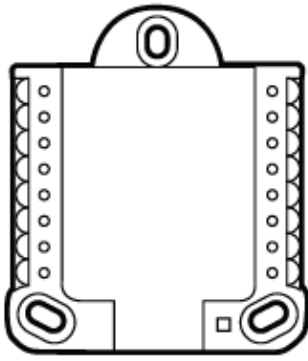
Use the Optional Cover Plate when:

- Mounting the thermostat to an electrical junction box
- Or when you need to cover paint gap from old thermostat.

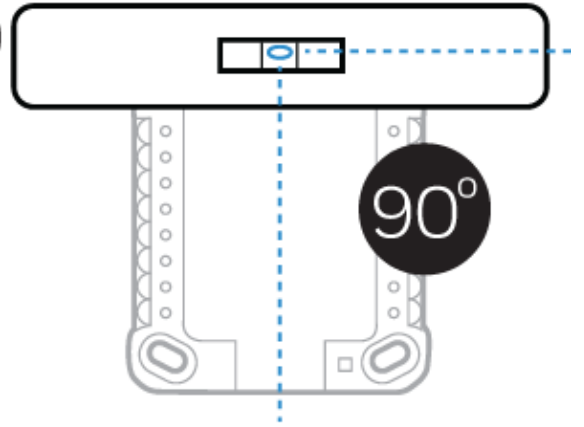
1. Separate the Junction Box Adapter from the Cover Plate. See Figure 1.
2. Mount the Junction Box Adapter to the wall or an electrical box using any of the eight screw holes. Insert and tighten mounting screws supplied with Cover Plate Kit. Do not overtighten. See Figure 2. Make sure the Adapter Plate is level.
3. Attach the UWP by hanging it on the top hook of the Junction Box Adapter and then snapping the bottom of the UWP in place. See Figure 3.
4. Snap the Cover Plate onto the Junction Box Adapter. See Figure 4.

UWP Mounting System installation

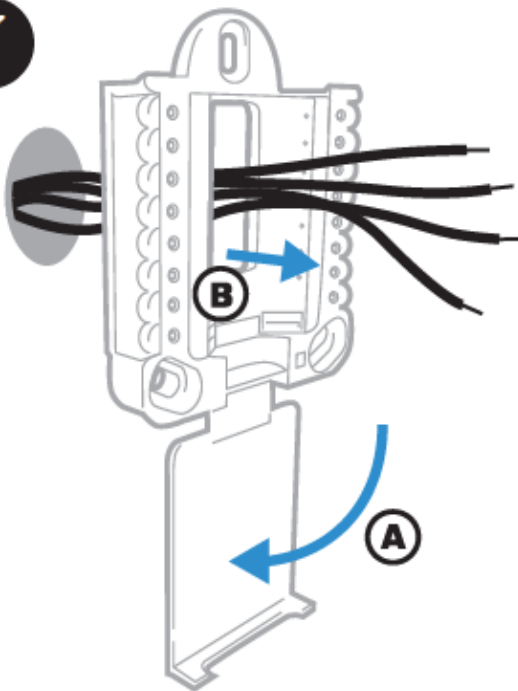
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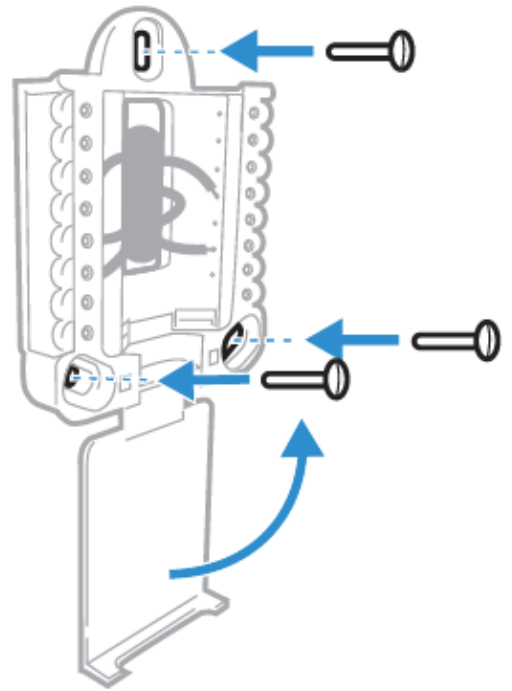
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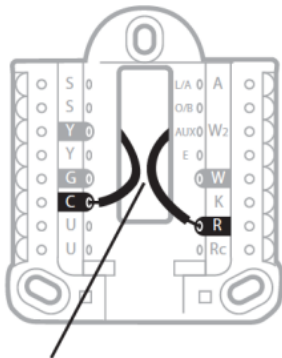
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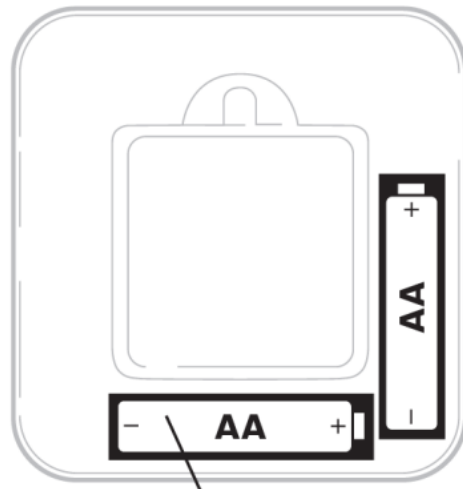
Use 3x supplied
screws #8 1-1/2"

5. Before starting, turn the power off at the breaker box or switch. Open package to find the UWP. See Figure 5.
6. Position the UWP on wall. Level and mark hole positions. See Figure 6.
Drill holes at marked positions, and then lightly tap supplied wall anchors into the wall using a hammer. – Drill 7/32" holes for drywall.
7. Pull the door open and insert the wires through wiring hole of the UWP. See Figure 7.
8. Place the UWP over the wall anchors. Insert and tighten mounting screws supplied with the UWP. Do not overtighten. Tighten until the UWP no longer moves. Close the door. See Figure 8.

Power options



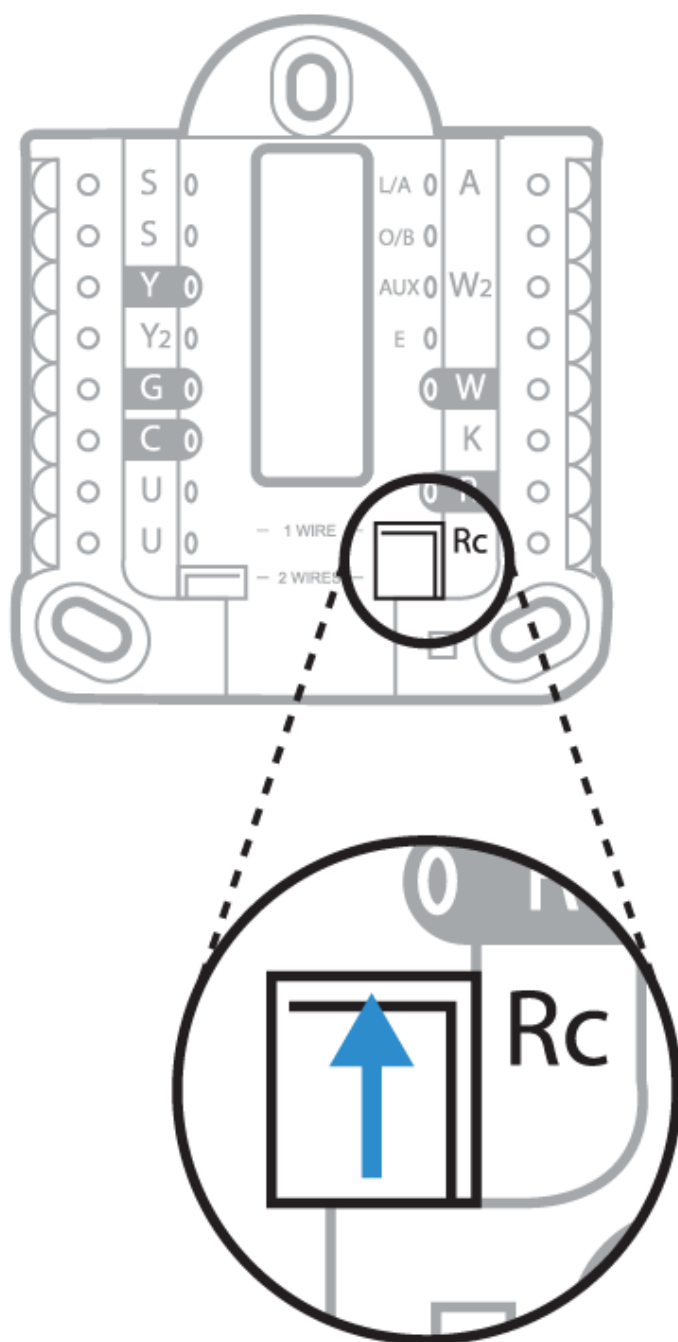
Insert **R** and **C** wires into designated terminals for primary AC power (C terminal is optional if batteries are installed, but it is recommended). Remove wires by depressing the terminal tabs.



Insert AA batteries for primary or backup power.

Setting Slider Tabs

UWP Mounting System



R/Rc slider tab

Set R Slider Tab.

- Use built-in jumper (R Slider Tab) to differentiate between one or two transformer systems.
 - If there is only one R wire, and it is connected to the R, Rc, or RH terminal, set the slider to the up position (1 wire).
 - If there is one wire connected to the R terminal and one wire connected to the Rc terminal, set the slider to the down position (2 wires).
- NOTE: Slider Tabs for U terminals should be left in place for T6 Pro models.

Wiring terminal designations

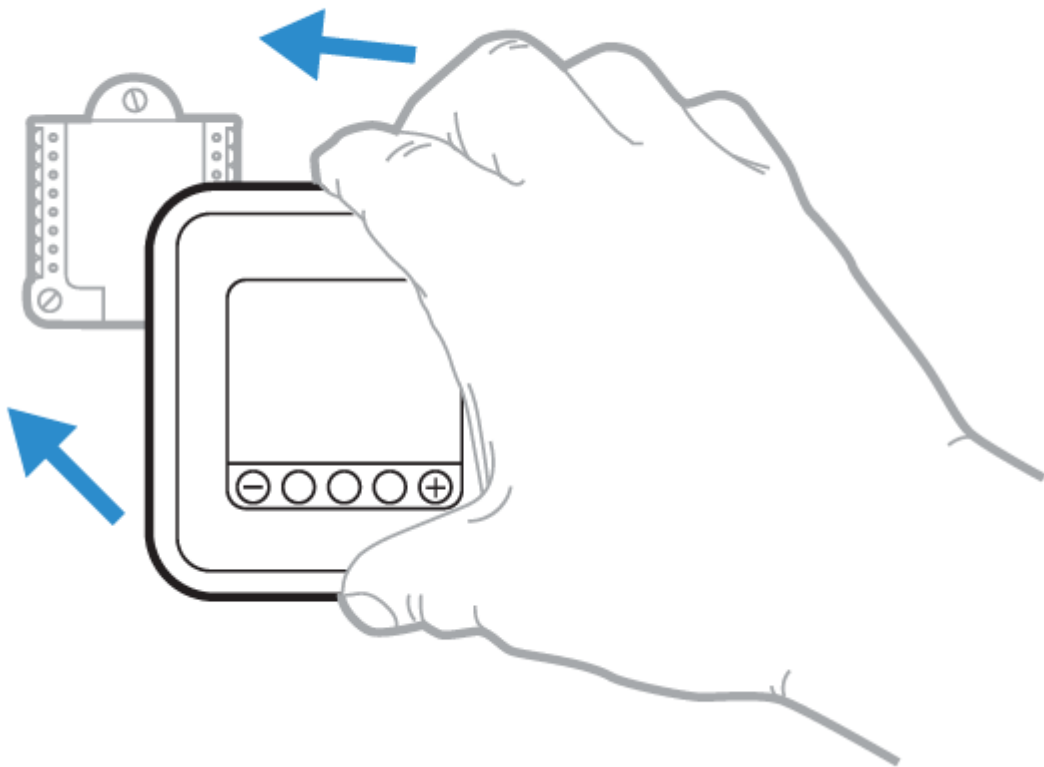
S	Universal input for wired indoor or outdoor sensors	L/A - A	Heat Pump fault input (most common case)	
S		O/B	Changeover valve	
Y	Compressor contactor (stage 1)	AUX - W2	Auxiliary heat relay Heat relay (stage 2)	Note: Not all terminals may be used, depending on the system type that is being wired. The most commonly used terminals are shaded.
Y2	Compressor contactor (stage 2)	E	Emergency Heat relay	
G	Fan Relay	W	Heat relay (stage 1)	
C	24VAC common. For 2 transformer systems, use common wire from cooling transformer.	K	Connect to K on Wire Saver Module**	
U	Unused	R	24VAC power from heating transformer*	
U		Rc	24VAC power from cooling transformer*	

* Terminal can be jumped using Slider Tab. See “Setting Slider Tabs” above.

** The THP9045A1023 Wire Saver Module is used on heat/cool systems when you only have four wires at the thermostat, and you need a fifth wire for a common wire. Use the K terminal in place of the Y and G terminals on conventional or heat pump systems to provide control of the fan and the compressor through a single wire—the unused wire then becomes your common wire. See THP9045 instructions for more information.

Thermostat mounting

1. Push excess wire back into the wall opening.
2. Close the UWP door. It should remain closed without bulging.
3. Align the UWP with the thermostat, and push gently until the thermostat snaps in place.
4. Turn the power on at the breaker box or switch.



System operation settings

- 1 Press the Mode button to cycle to the next available System mode.
- 2 Cycle through the modes until the required System mode is displayed and leave it to

activate.

NOTE: Available System modes vary by model and system settings.

System modes:

- Auto
- Heat
- Cool
- Em Heat
- Off

Fan operation settings

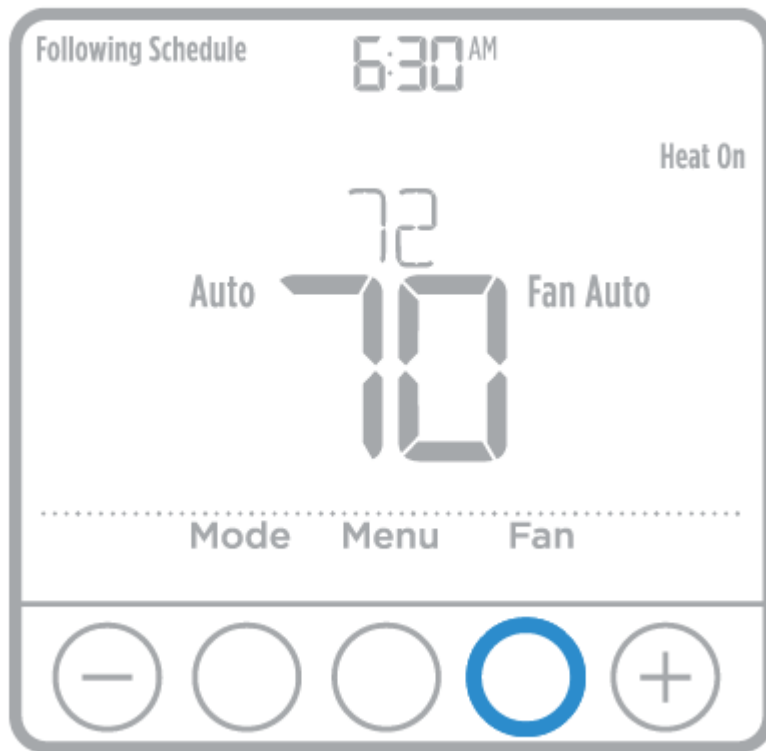
1 Press the Fan button to cycle to the next available Fan mode.

2 Cycle through the modes until the required Fan mode is displayed and leave it to activate.

NOTE: Available Fan modes vary with system settings.

Fan modes:

- Auto: Fan runs only when the heating or cooling system is on.
- On: Fan is always on.
- Circ: Fan runs randomly about 33% of the time.



Installer setup (ISU)

1 Press and hold CENTER and buttons for approximately 3 seconds to enter advanced menu.

2 Press Select to enter ISU.

3 Press Select to cycle through menu setup options.

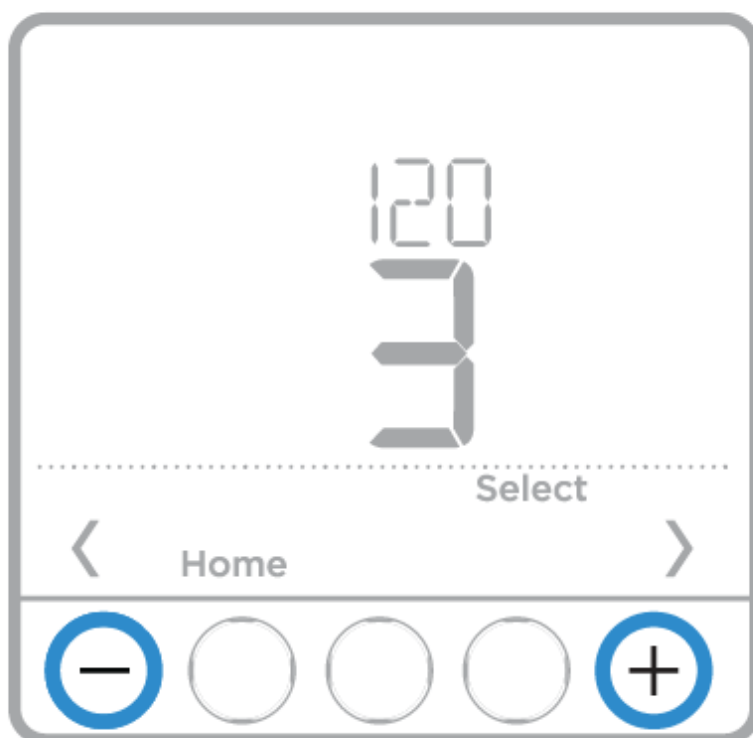
4 Press or to change values or select from available options.

5 Press Select and confirm your settings or press Back to ignore changes and return to ISU menu screen to continue editing another setup option.

6 To finish setup process and save your setting, press Home and return to Home screen.

NOTE: A complete list of all setup (ISU) parameters and options starts below and continues

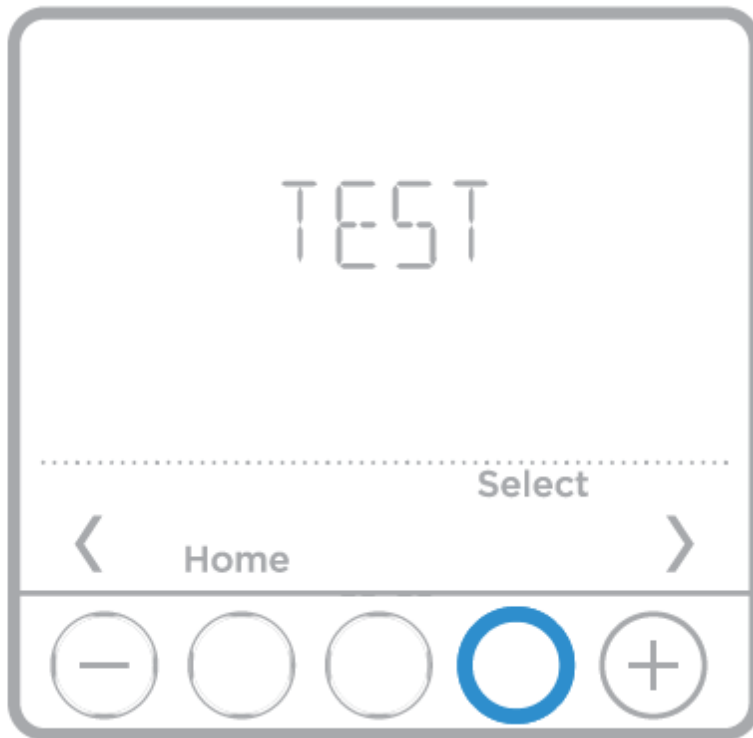
through page 10.



Installer system test

To perform a System Test:

- 1 Press and hold CENTER and buttons for approximately 3 seconds to enter advanced menu.
- 2 Use to go to TEST. Press Select to enter System Test.
- 3 Use to change between Heat, Cool, Fan, Em Heat, or Ver (thermostat version information).
Press Select.
- 4 Press to turn stages on one at a time, and press to turn them off.
- 5 Use the Home button to exit the System Test.



Documents / Resources

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