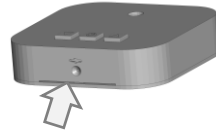
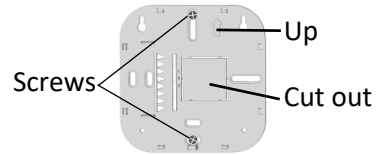


Hotel Heat Pump Thermostat quick installation guide

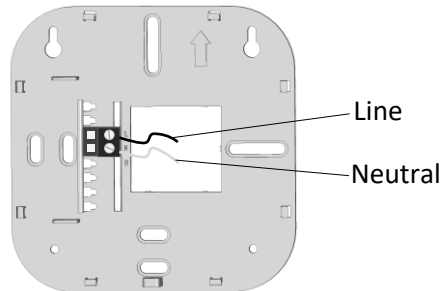
1. Remove the back panel using flat object



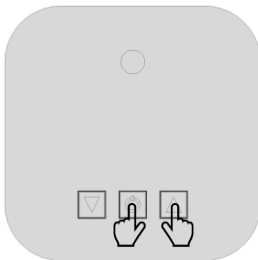
2. Mount thermostat's back cover at upright position on the wall. Cut cover and insert power wires (Line and Neutral)









3. Disconnect main power breaker and wire thermostat to mains



4. Attach the thermostat to the back panel by pushing it onto the wall. Ensure it is tightly mounted all around (confirm there is no gap)
5. Connect power supplies back
6. Press the thermostat's power button to ensure the thermostat is connected properly. The display should show the room temperature
7. Setup the time as follows:



- a) Press  to Power On thermostat
- b) Hold  +  for 10 sec. to enter setup
- c) set 'parameters' with  
- d) press  to change setup mode
- e) Follow setup page bellow

Setup Mode (marked = default)

1. Time Setup

Set thermostat time for conservation mode (this time is set in memory for 1 hour after power failure):

- Set 'HOUR' with ▼▲ (00-23Hrs)
- Press ⏻ (next setup mode)
- Set 'MINUTES' with ▼▲ (00-59min)
- Press ⏻ (next setup mode)

2. Motion Sensor Setup (conservation mode countdown)

Set how long room is left empty before entering conservation mode:

- Set PIR Timer P1 → P2 → P3 → P0 ↵ with ▼▲ buttons (15min → 30min → 60min → PIR Off ↵)
- Press ⏻ (next setup mode)

3. Energy Save Setup

Set maximum and minimum set-point range & conservation mode set point:

- Set E1 → E2 → E0 ↵ with ▼▲ buttons
E1: Set point range = 16 to 28, Conservation mode = 16°C (winter) to 28°C (summer)
E2: Set point range = 18 to 30, Conservation mode = 16°C (winter) to 28°C (summer)
E1: Set point range = 16 to 32, Conservation mode = Power Off aircon in empty room
- Press ⏻ (next setup mode)

4. Fan Setup

- Set F0 → F1 ↵ with ▼▲ buttons
F0: Automatic Fan (fan stop when aircon reaches the set point)
F1: Fan Always On (no matter what is the set point)
- Press ⏻ (next setup mode)

5. Temperature mode select:

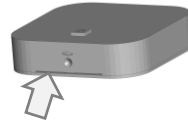
- Set °F → °C ↵ with ▼▲ buttons
°C is Celsius (default)
°F is Fahrenheit
- Press ⏻ to exit setup mode

General notes

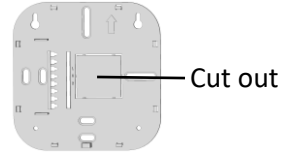
1. There is a 3 minutes delay from the time the compressor was last power off
2. After power failure the thermostat is set to 'off' when power is back
3. Thermostat remember last working condition (if no power failure)
4. Conservation mode ensure the temperature in the room is always kept at comfortable levels (thermostat does not go off)

Wireless Control Board quick installation guide

1. Remove the back panel using flat object



2. Mount back cover at upright position away from metal objects or concrete wall, at a distance shorter than 10m from thermostat. Cut cover and insert wire.



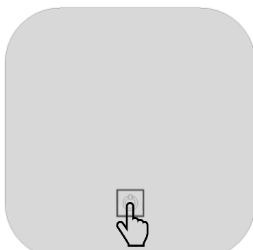
3. Disconnect power breaker of the AirCon
Connect control board wires to aircon as follows:

Pin	Wire Color	Reverse Valve
1	Red	RC – Cold 24VAV in
2	Black	C – Common 24VAC
3	Blue	O/B – reverse valve
4	Yellow	Y1 – Compressor
5	Green	G - Fan
6	White	W1 – Aux Heat
7	Purple	W2 – 2 nd stage heat

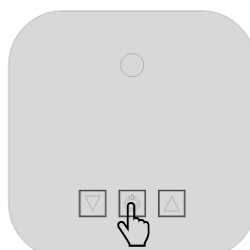


Note: this unit is 24VAC. DO NOT CONNECT TO MAIN POWER!!!




4. Connect 7 pin plug to relay board and close covers
5. Power up the aircon. The blue light on control board should flash
6. Setup the aircon to work with external thermostat (see aircon manual)
7. Pair thermostat and control board as follows:



Control Board



Thermostat

- a) Connect Power to both units
- b) Press  to Power On thermostat
- c) Hold  on 'Control board' for 5 sec. till blue light is turned on steadily (next step should be within 10 sec.)
- d) Hold  on 'Thermostat' for 5 sec. till light is flashing on both units
- e) Test pairing by turn on and off the thermostat few times - The light on the control panel should go steady

Note: There is a **3 minutes delay** before the relays are triggered