

Ecobee 5/ FV4/ 1 & 2 stage outdoor HP



Ecobee 5 with Easy Select Board

- *Mingledorffs Technical Service 02/08/2022*

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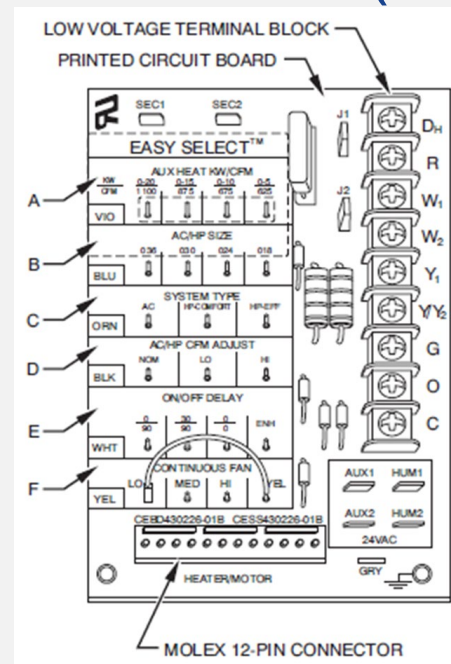
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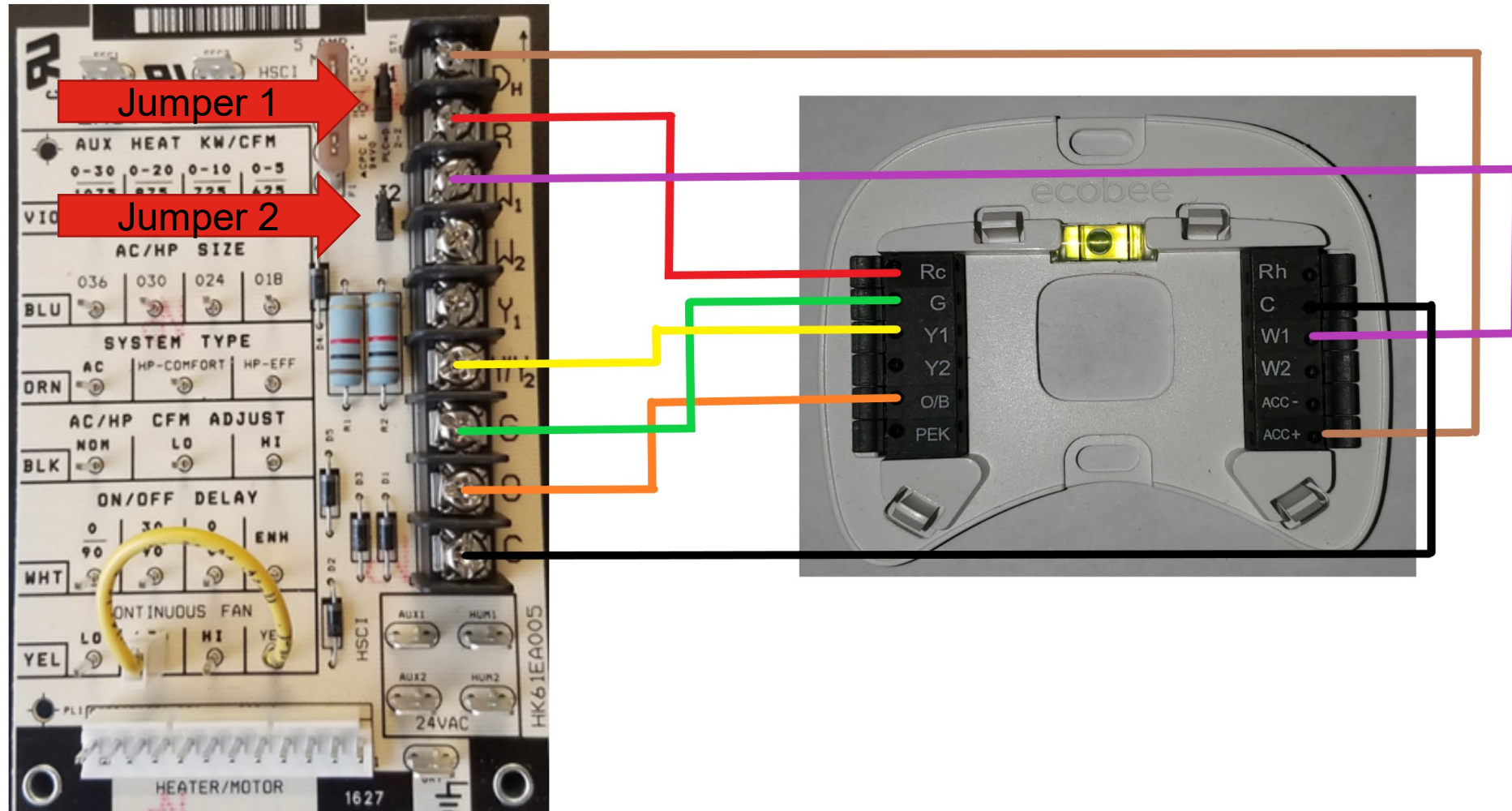
Wiring



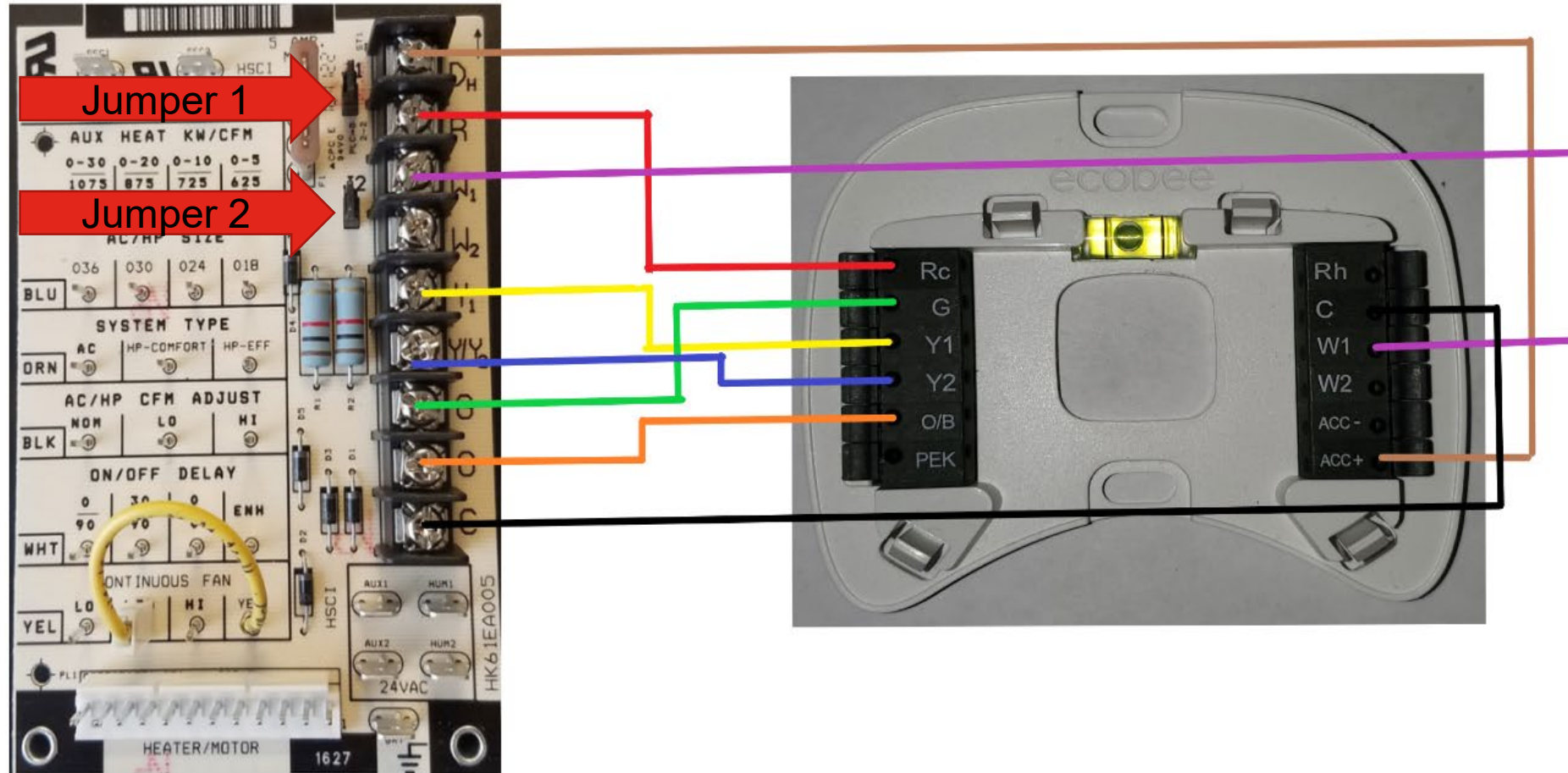
- FV4 OR Easy Select Board with Dehumidification with 1 and 2 Stage Heat Pumps
- For Dehumidification remove Jumper 1
- For multiple stages of electric heat (W1&W2) remove Jumper 2
- Move white wire for On/off Delay to 0/0



Wiring for 1 Stage



Wiring for 2 Stage



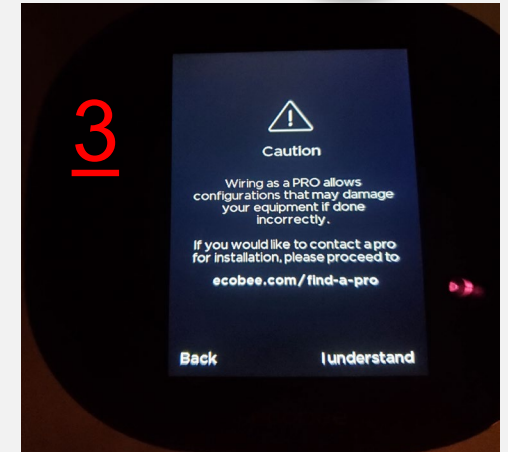
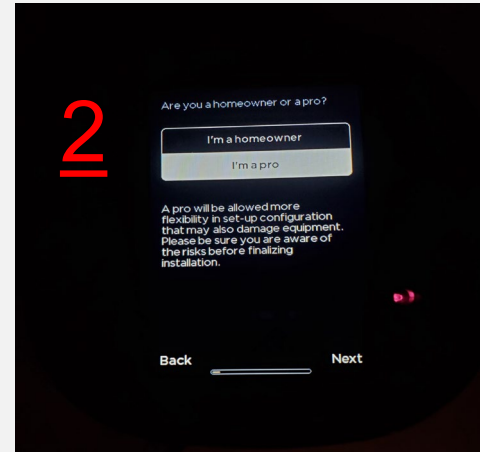


- On FIRST power up thermostat starts the setup process in the screens to follow.
- If the thermostat has already been “programed”, to return to the setup screens needed click: (3Lines),Setting, Installation Setting, Equipment, Reconfigure Equipment.

Setup-FIRST Power Up



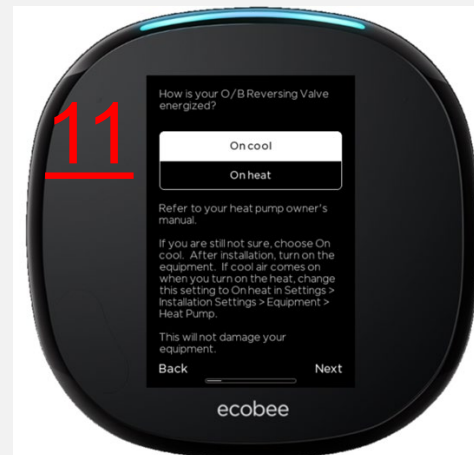
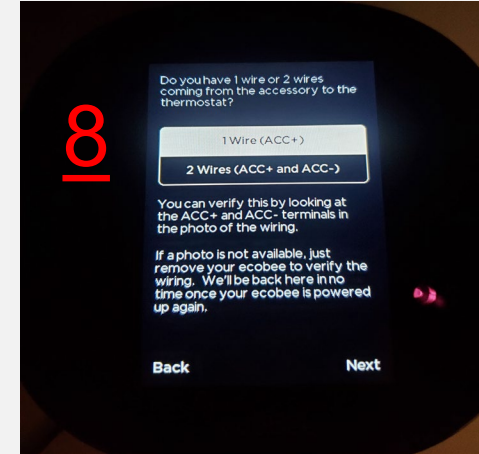
1. Let's get started
2. I'm a pro
3. I understand
4. Yes only RC
5. Single or Variable
6. Wire selection/
If not correct choose
No/ and modify.



Setup-FIRST Power Up continued



- 7. Dehumidifier
- 8. 1 Wire ACC+
- 9. Fahrenheit not shown
- 10. Air to Air
- 11. On Cool
- 12. Enable
- 13. Disable



Setup-FIRST Power Up continued



14. Furnace

15. By thermostat

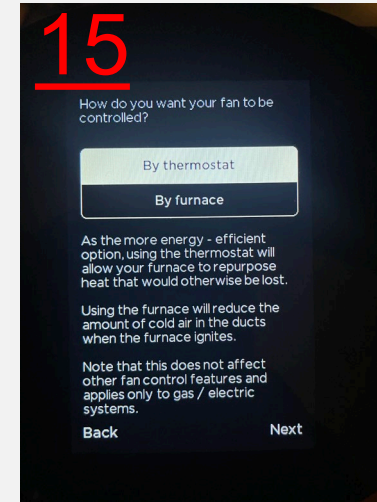
16. Open

17. The rest will be:

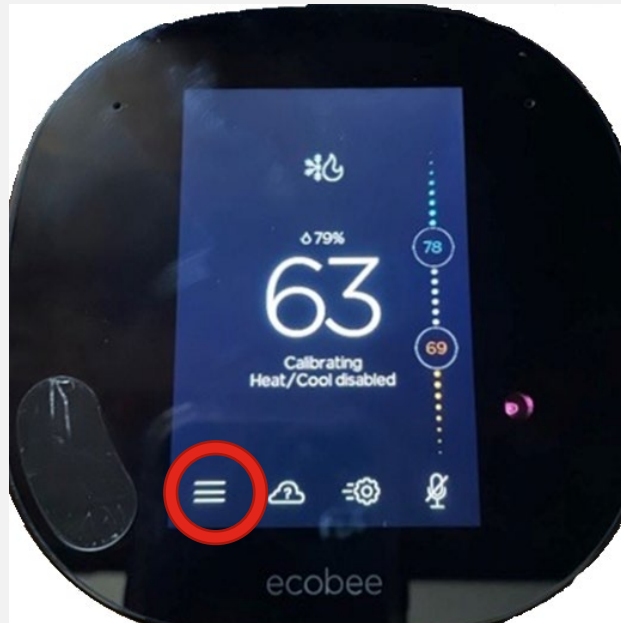
WIFI, naming thermostat,

Setting time, pairing sensors,

Setting temperatures, Finish.



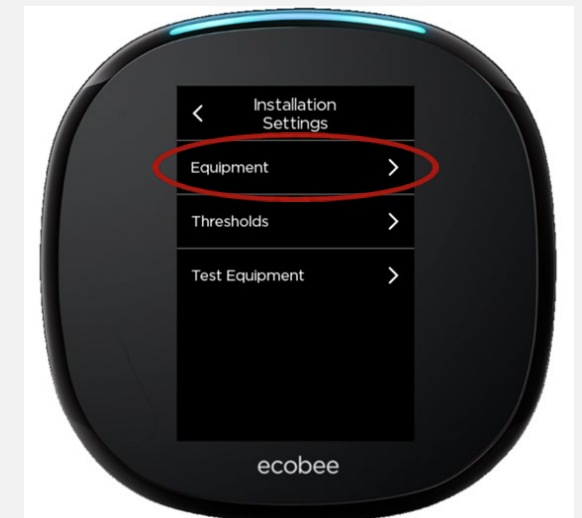
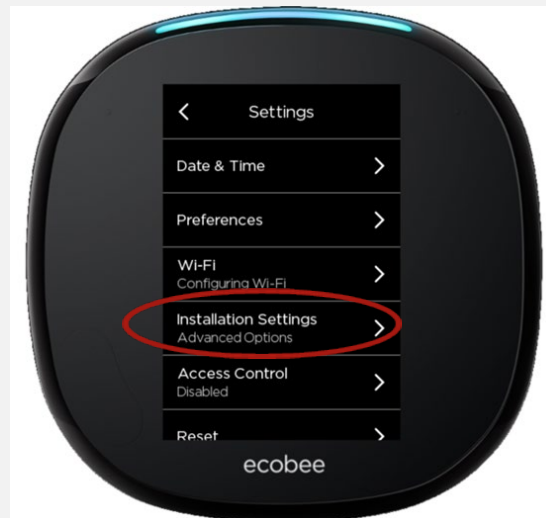
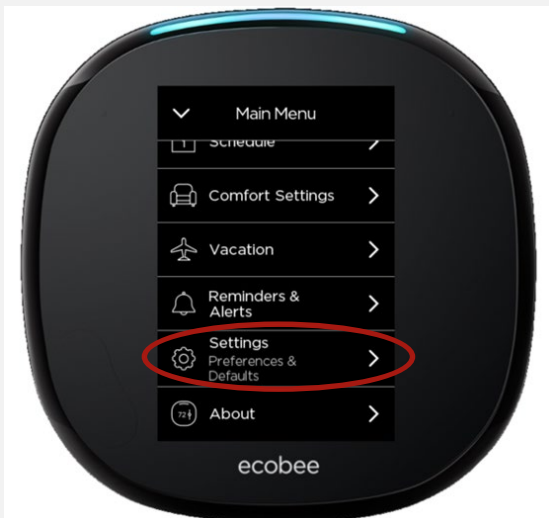
- Use the flow charts on the following screens to make needed changes
- Begin by pressing the 3 horizontal lines from the main screen



Parameters-Dehum



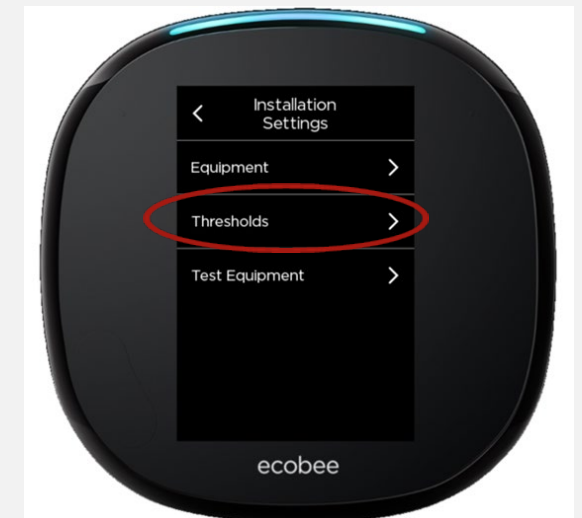
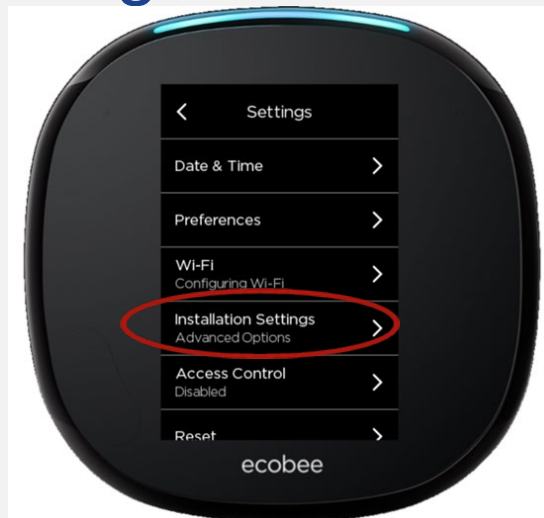
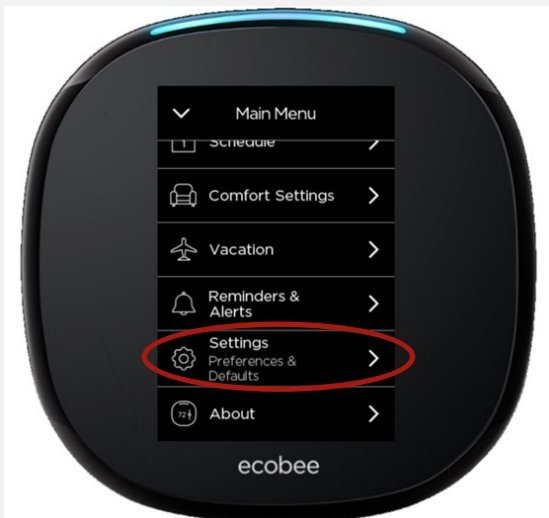
- See Flow Below
- Within equipment > select Dehumidifier.
 1. Change Dehum with fan to NO
 2. Change Min Runtime Delta from 5% to 2%



Parameters-Staging



- See Flow Below
- Within the Thresholds
 1. Configure Staging- Change to Manually
 2. Aux heat max outdoor temp-Change to 40f-50F
 3. AC Overcool Max- Change from 1F-3F



Parameters-Staging continued

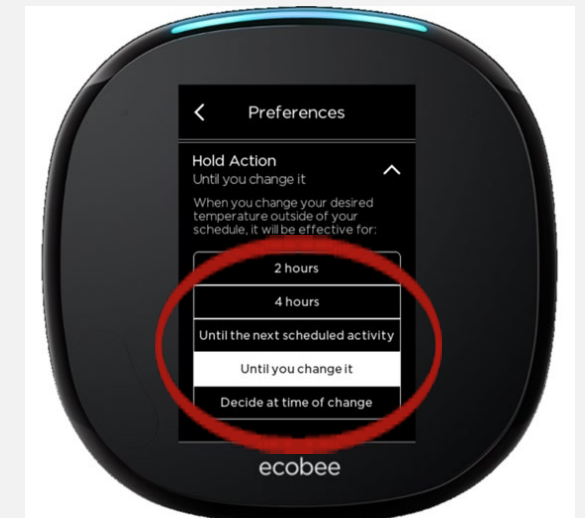
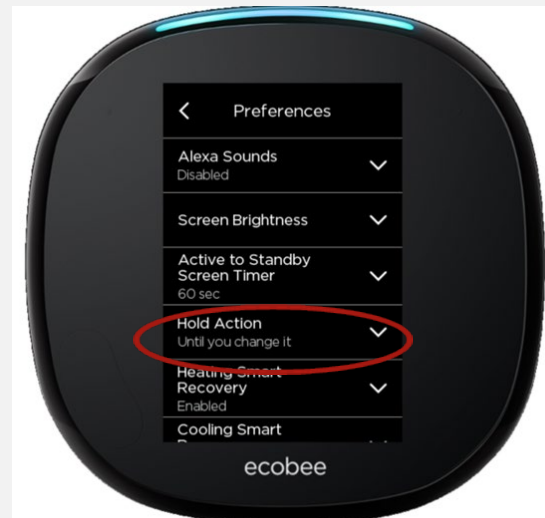
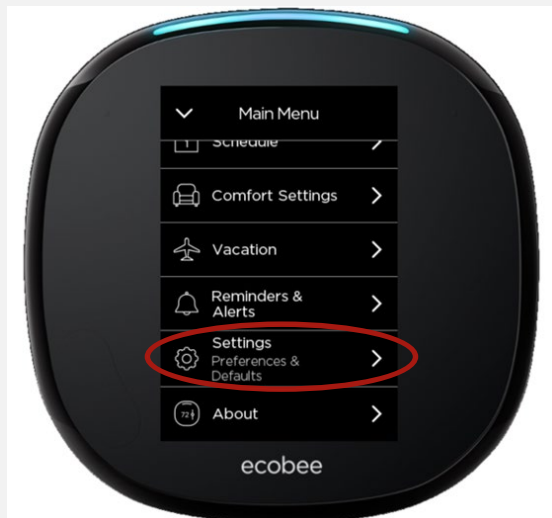


4. Compressor Reverse Staging- Change to ON for 2 stage equipment
5. Compressor Stage 2 Temp delta- Change to 1F (if equipped)
6. Compressor to Aux Temp Delta- Change 2F for 2 stage and 1F for 1 stage equipment

Hold Preference



- Use the flow chart below to access the Hold Action
- Make the change that best suits the customers needs



Humidifier Wiring

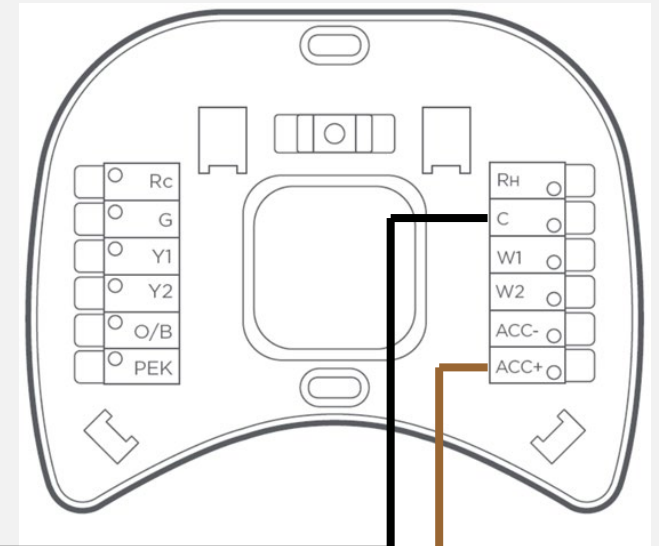


Wiring and setup when using H/W
TruSteam Humidifier



Honeywell True Steam

Carrier/Bryant/ECOBEE_5



X -----
HUMIDISTAT
Use Isolation Relay
below instead of a
Humidistat