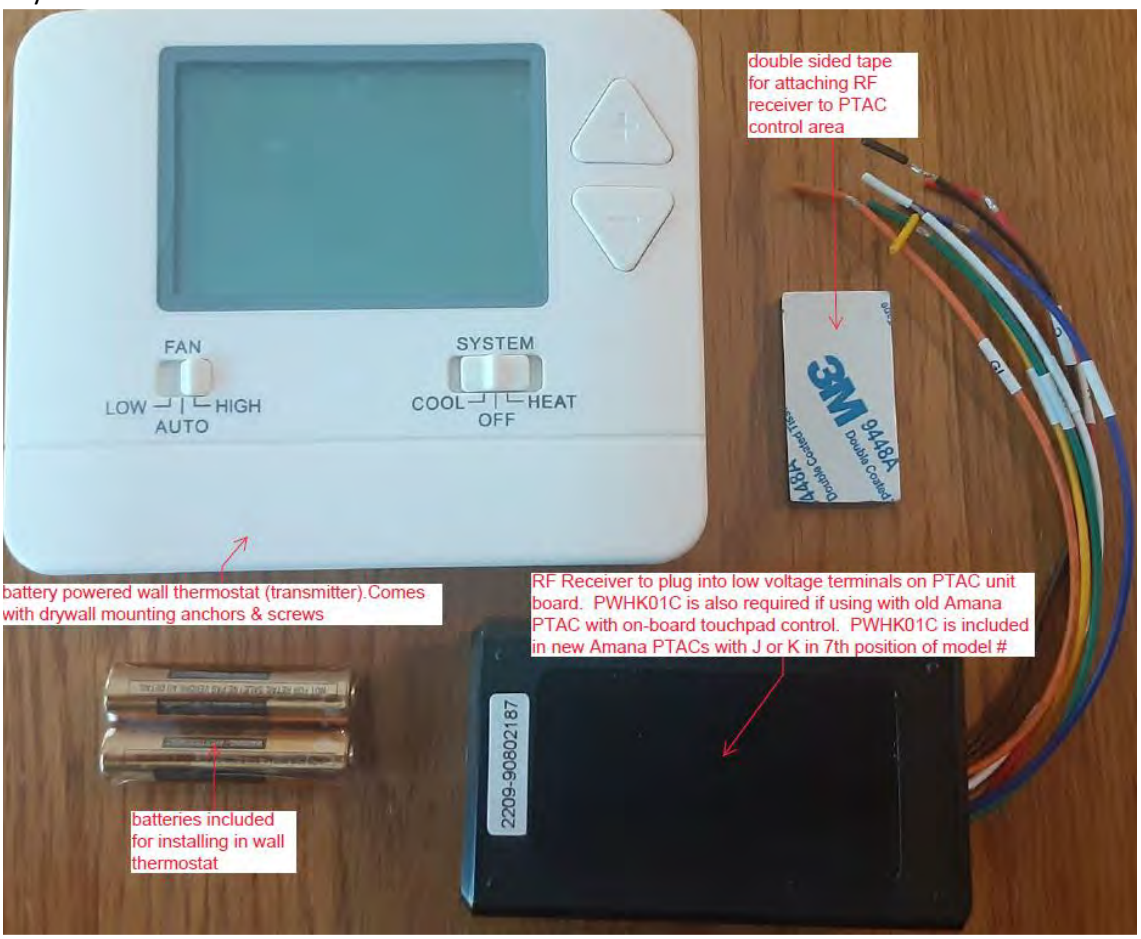
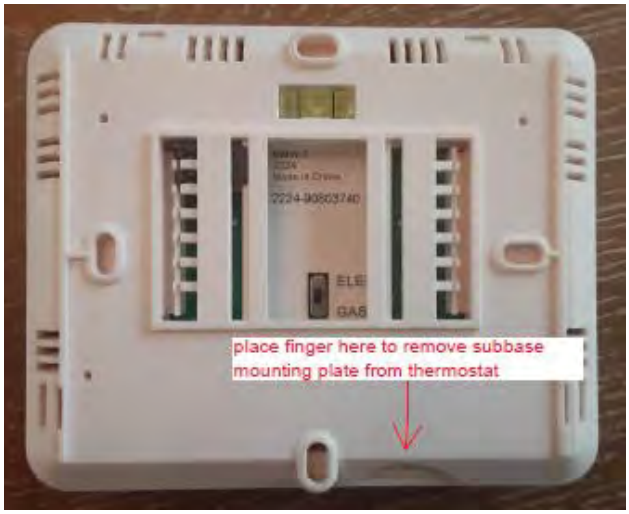
HOW TO INSTALL MMW-2 WIRELESS WALL THERMOSTAT WITH AMANA K OR J SERIES PTC, HEC, DRY OR PMC UNIT

Tools Needed: ¼" nut driver, phillips screwdriver, paper clip

1. Unplug Amana PTAC chassis unit and remove front cover by grasping on right and left sides and lifting up and out to release the front cover from chassis unit. Set the front cover aside.
2. Open MMW-2 wall thermostat box and lay out parts. See below for what you should be included in the box. Drywall anchors and screws are in the back of the wall thermostat transmitter.



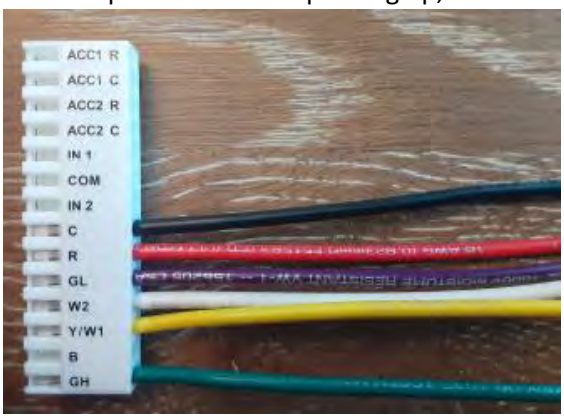
3. Remove subbase (mounting plate on back of wall thermostat) from wall thermostat with finger at inset shown below left and lift to release. Mount subbase on interior wall in middle of room, 4 to 5 feet above the floor, oriented as shown below right with arrows pointing up, using supplied drywall anchors and screws shipped in the subbase. Use integral bubble level to make sure it looks good.



4. Go to PTAC chassis unit and remove the splash guard, by removing 3 screws shown below left with a ¼" nut driver or screwdriver. Set the splash guard aside. As shown below right, remove the white 14 pin socket from the pin connector on the PTAC chassis unit circuit board by lifting up. Set the socket aside.

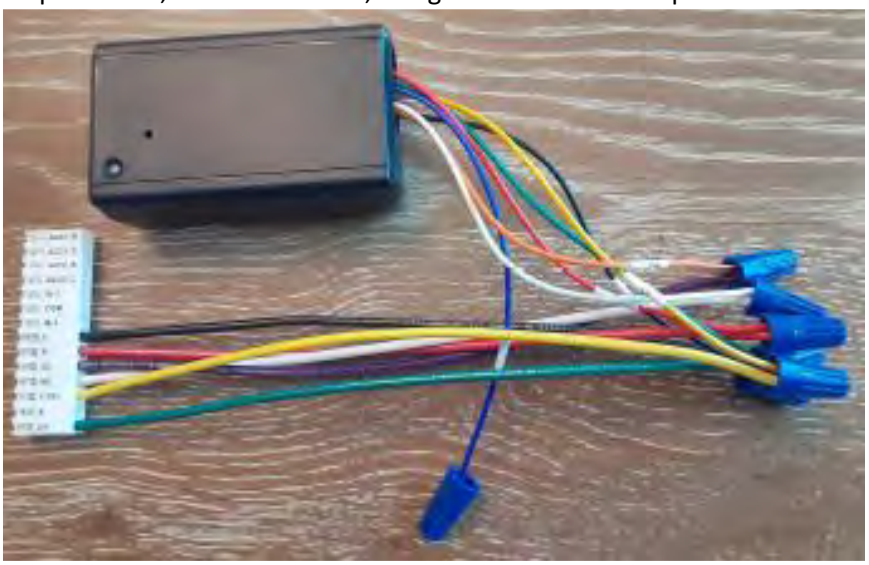
5. In the carton that your new Amana PTAC chassis unit came in, you should find a bag with 7 colored wires and blue wire nuts, shown below left, Remove contents. Set all but the orange wire next to the white 14 pin socket to prepare to load wires into the socket, as shown below right. (The orange wire would only be used with an Amana K or J Series PTH, HEH or PMH heat pump model chassis unit.)

6. Insert the 6 color coded wires into their designated ports in the socket, as pictured below. Insert with the smallest portion of the clip facing up, so it locks into place when inserted all the way.



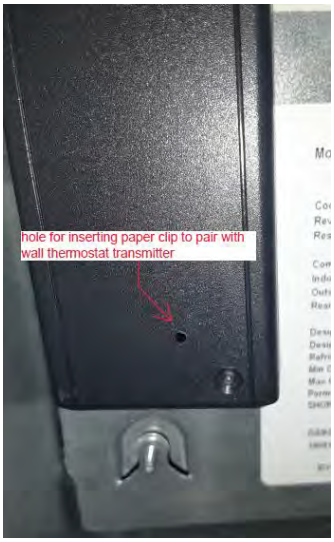
Black wire goes into port marked "C"
Red wire goes into port marked "R"
Purple wire goes into port marked "GL"
White wire goes into port marked "W2"
Yellow wire goes into port marked "Y/W1"
Green wire goes into port marked "GH"

7. Connect colored wires coming from the black rectangular shaped RF receiver to the wires coming from the white 14 pin socket, as shown below, using the blue wire nuts provided in the MMW-2 box.



Black wire from black receiver pairs with black wire from white socket
Red wire from black receiver pairs with red wire from white socket
Orange wire from black receiver pairs with purple wire from white socket
White wire from black receiver pairs with white wire from white socket
Yellow wire from black receiver pairs with yellow wire from white socket
Green wire from black receiver pairs with green wire from white socket
Blue wire from black receiver just gets a wire nut on the end. It is not connected to another wire.

8. Take assembly pictured above to PTAC unit and plug the white 14 pin socket onto the low voltage pins on the circuit board, making sure to have the port ID labels facing you, as pictured below left. Then using the double-sided tape that comes in the MMW-2 box, secure the rectangular shaped black receiver box to the metal control panel as pictured below right. Make sure the hole for inserting a paper clip in the next step is facing toward you.



9. Insert the 2 AAA batteries provided in the MMW-2 box and install them into the wall thermostat transmitter, as pictured below left. Then insert a paper clip (not supplied in MMW-2 box) into the hole in the black receiver on the PTAC and hold down for about 5 seconds, until the indicator light flashes red, as pictured below right (not continuously glowing red). If it does not work the first time, move the paper clip a little to try to center it in the receiver.

10. Pairing: Turn the MMW-2 wall thermostat transmitter over and make sure the “SYSTEM” switch on the right is set to off. Press and hold the triangular shaped “+” & “-“ buttons on the front of the transmitter together for about 3 seconds until the word “calibration“ appears in the LCD display, as shown below left. Then press and hold the triangular shaped “+” & “-“ buttons on the transmitter together again until “LE” is displayed in the LCD display, as shown below right. Now press the triangular shaped “+” button by itself for 3 seconds until the indictor light in the black rectangular shaped receiver stops flashing red. That means that pairing has been completed successfully and the thermostat is ready to control the PTAC.

11. Test to make sure everything was done correctly by moving the “FAN” switch pictured below to high or low fan. The PTAC unit fan should energize and start blowing air from the PTAC unit discharge grille. Then move the “SYSTEM” switch pictured below to heat. The PTAC unit electric strip heater should energize and the air coming from the PTAC unit discharge grille should begin to warm up. A “flame” symbol should appear in the LED display as shown at left below. Finally move the “SYSTEM” switch pictured below to cool. A flashing “snowflake” symbol should appear in the display as shown at right below, for up to 3 minutes before the compressor energizes, the snowflake stays solid instead of flashing, and cool air starts coming from the PTAC unit discharge grille. If the fan, heat & cool functions don’t all work properly, go back through the instructions above to repeat until they do.

12. Reattach PTAC chassis unit splash guard removed in step 4 above using the 3 provided screws.
13. Reinstall PTAC chassis unit front cover removed in step 1 above, by hanging the top lip of the front cover on the mounting rail on top of the PTAC chassis unit, then let the bottom of the front cover fall into place.
14. Snap the MMW-2 wall thermostat transmitter onto the subbase mounting plate you attached to the wall in step 3 above.
15. You should be done and be able to control the PTAC unit from the wall thermostat. If you need assistance, call Amana PTAC Technical Support at 877-376-0214, extension 2 between 8:00 – 4:30 Central Time M-F.