

Determine your night time temperature set point, as this will ALWAYS need to be the temperature at which you transition from HEAT MODE into COOL MODE on your mini-split remote control (For this example let us use 75degreesF).

Before doing anything on the ARS-1, we must first prepare the remote for the mini-split by setting it to HEAT MODE, FAN SPEED HIGH, and dropping the temperature to the lowest temperature (Typically 60, 61, or 62degreesF). (For this example let us use 75degreesF).

With remote prepared, go to the ARS-1 and press the bottom right button twice, or until the ARS-1 screen is flashing the word "OFF", at which time you will press the POWER button of the mini-split remote to teach the OFF signal.

At this time, the screen of the ARS-1 will say OFF LEARNED, and begin flashing the number 50. Press the UP arrow to the right of the screen on the ARS-1 until the flashing 50 changes to a flashing 62.

With the ARS-1 showing a flashing 62, press the POWER button on the mini-split remote to teach the ON/62 signal, at which time the ARS-1 will show "62 ON LEARNED" and begin flashing 63.

Press the UP BUTTON on the mini-split remote to teach the 63 signal, at which time the ARS-1 will show "63 ON LEARNED" and then begin flashing 64.

Repeat STEP 6 slowly, one degree at a time, until the ARS-1 is flashing 75, and the remote shows 74.

With the ARS-1 flashing 75, physically face away from the ARS-1, and use your opposite hand (if you are holding the remote with your right hand, then your left hand would be the opposite hand, or vice versa) to COVER THE EMITTER of the mini-split remote.

While facing away from the ARS-1, with the mini-split remote emitter covered, transition the mode of the remote from HEAT into COOL. Depending on the brand of the mini-split, this might change the temperature displayed on the mini-split remote. IF the temperature changes on the mini-split remote once the mode is changed to COOL mode, keep the remote emitter covered and change the temperature back to 74.

With the remote now showing COOL mode and 74degreesF, face back to the ARS-1, and confirm that the screen is still flashing 75. If the ARS-1 is no longer flashing 75, the emitter was not fully covered during the MODE TRANSITION, and you need to go back to STEP 2 and start over. If the ARS-1 is still flashing 75, proceed to STEP 11.

Press the UP BUTTON on the mini-split remote to teach the 75 degree signal, at which time the ARS-1 will show "75 ON LEARNED" and begin flashing 76.

Repeat STEP 11 slowly, one degree at a time, until the ARS-1 has completed the degree assignments, at which point the ARS-1 will display the range completed. Press the bottom right button on the ARS-1 to SAVE the range, at which point a bold "SAVED" will appear on the ARS-1 screen, followed by your current and setpoint values. This completes your Teach-and-Learn process!