



**Calibrations and Settings for ACT  
Signature Series and XL Series  
Manufactured from 2013 through 2-26-15  
with Serial number 1500379 and lower**

**Models :**  
**ACT750,**  
**ACT1100,**  
**ACT1250,**  
**ACT1500,**  
**ACT1750,**  
**And All H/C Variants**

**These settings are also for the replacement of the vintage Signature 2012 and earlier ( Part # 17P549-03 ) with the 2013 ( 100-202A ) control board**

**Setting up the unit So the Display shows the Water Temp. in Fahrenheit instead of Celsius**

1. Hold down the “Up” and “Down” arrows for approximately 10 seconds
2. Unit will display “ F – C “ , this is the calibration for Fahrenheit or Celsius
3. Press the “Up” Arrow to Select “ \*F “
4. Once the selection is made wait 10 seconds for the display to time out and go back to the normal display. The unit should now display the water Temp. in Fahrenheit.

**Setting up the Unit for cooling function on A Heat / Cool Model**

1. Hold down the “Up” and “Down” arrows for approximately 10 seconds
2. Unit will display “ F – C “ , this is the calibration for Fahrenheit or Celsius
3. Press the “Hand” button until it reads the “ P - C “ on the display
4. Press the “Up” arrow twice so that the Display reads “ EnA “
5. Once the selection is made wait 10 seconds for the display to time out and go back to the normal display. Now press the “ Hand “ button until you the display reads “PHC “.
6. Press the “ Up” or “Down” arrow to select either “P\_H” for heating or “P\_C” for cooling.

**Setting the Filter timer function to Disabled on the Heatpump**

1. It is important that the “ FiL” setting is set to “DIS” for disabled. If the “FiL” setting is enabled follow these steps
2. Hold down the “Up” and “Down” arrows for approximately 10 seconds
3. Unit will display “ F – C “ , this is the calibration for Fahrenheit or Celsius
4. Press the “Hand” button until it reads the “ FiL”
5. Press the “Down” arrow until it reads “DIS”
6. Once the selection is made wait 10 seconds for the display to time out and go back to the normal display.



### Calibrating the Water Temperature

1. Hold down the “Up” and “Down” arrows for approximately 10 seconds
2. Unit will display “ F – C “ , this is the calibration for Fahrenheit or Celsius
3. Press the “Hand” button until it reads the “ tSC “ on the display
4. Press the “ Up” or “Down” Arrow and the display should read a “0”
5. Calibrate up or down using the arrows depending on the difference in display temperature versus actual water temperature. Example: If the actual water temp. is 85 degrees but the unit is reading 80 degrees, the difference is + 5, so adjust the “ 0 “ so it reads “ 5 “.
6. Once the calibration is made wait 10 seconds for the display to time out and go back to the normal display. The unit should now display the correct water temperature.

### How To Adjust the DeadBand or “db” ( amount of temperature the unit will stay off)

1. Hold down the “Up” and “Down” arrows for approximately 10 seconds
2. Unit will display “ F – C “ , this is the calibration for Fahrenheit or Celsius
3. Press the “Hand” button until it reads the “ db “ on the display
4. Press the “ Up” Arrow and the display should read a “0” or higher
5. Press the “Up” Arrow until the desired deadband is reached
6. Once the selection is made wait 10 seconds for the display to time out and go back to the normal display.

### How to Adjust the DEF ( defrost mode ) between “ Air” ( air defrost) and “rEC” (reversing valve defrost)

1. Hold down the “Up” and “Down” arrows for approximately 10 seconds
2. Unit will display “ F – C “ , this is the calibration for Fahrenheit or Celsius
3. Press the “Hand” button until it reads the “ DEF “ on the display
4. Press the “ Up” Arrow and the display should read “Air” ( air defrost )
5. If the heat pump is a Heat/Cool model you may select the unit to defrost using the reversing valve. Press the “down” arrow and the display should read “rEC” for ( reversing valve defrost)
6. Once the selection is made wait 10 seconds for the display to time out and go back to the normal display.

### How to By-pass the heat pump’s 5 minute delay

1. Hold down the “Up” and “Down” arrows for approximately 10 seconds
2. Unit will display “ F – C “ , this is the calibration for Fahrenheit or Celsius
3. Press the “Hand” button until it reads the “ DEL “ on the display
4. Press the “ Up” Arrow and the display should read “00” and the Fan motor will start
5. Press the “Up” arrow again and the display should read “01” and the compressor will start
6. Once the selection is made wait 10 seconds for the display to time out and go back to the normal display.