



INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

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MODEL HC112 – THERMOSTAT

SAFETY & OPERATION PRECAUTIONS

- A. Power to the chiller must be safely shut off prior to beginning work.
- B. Installing this part requires access to the front and back side of the unit. If necessary, water lines should be disconnected from the unit in order to gain access. Be sure that the supply valves are shut off and a towel or bucket is used to catch any residual water remaining in the lines.
- C. Care should be taken not to puncture refrigeration system lines. Some lines contain gas under high pressure.

SHOULD YOU EXPERIENCE DIFFICULTY WITH THE INSTALLATION OF THIS MODEL PLEASE CALL:

TECHNICAL SUPPORT: 1-800-766-5612

FOR CUSTOMER SERVICE: 1-888-640-4297

INSTALLATION

- STEP 1:** Remove the back panel from the unit by removing the quantity 10 corresponding screws.
- STEP 2:** Remove the front panel from the unit by removing the quantity 9 corresponding screws.
- STEP 3:** Note the orientation of the existing thermostat adjustment. The screw has 270 degrees of adjustment so be sure that the exact orientation is noted. This is important because upon reassembly it may be desired to have the same setting.
- STEP 4:** Remove the screws holding the thermostat to the junction box (See Figure 1). They face towards the front of the unit and are located above and below the adjustment screw.
- STEP 5:** Cut the cable tie(s) holding the thermostat capillary to the insulated coil. See Figure 2.
- STEP 6:** Remove the putty from around where the thermostat capillary enters the blue foam insulation.
- STEP 7:** Remove the screw holding the evaporator coil assembly in-place. This screw is accessible from underneath the base plate of the unit. It is located at the center of the blue foam insulation. See Figure 3.

- STEP 8:** Bend the tip of the thermostat capillary (protruding from the bottom of the blue foam insulation) so that it is directed downwards. See Figure 4.
- STEP 9:** Pull the thermostat capillary out of the evaporator by pulling straight up on the capillary loop located on the top of the evaporator (Figure 2). It may help to wiggle or simultaneously push on the end which protrudes out the bottom of the blue foam insulation.
- STEP 10:** Pull the thermostat out the front of the unit until the wire connections are accessible (See Figure 5). Disconnect the wire terminals from the thermostat.
- STEP 11:** Remove the thermostat from the unit. Take the black plastic insulating tube off the old thermostat and install onto the new thermostat, taking care to slide it all the way until it meets the thermostat body.
- STEP 12:** Reverse Steps 1-10 to complete installation of the new thermostat. Take care to route and bend the thermostat as shown in Figures 6 and 7. The end of the thermostat should be pulled out the bottom of the evaporator insulation and bent over 180 degrees such that it sits flush against the side of the evaporator insulation with its tip approximately 2 inches above the base plate.

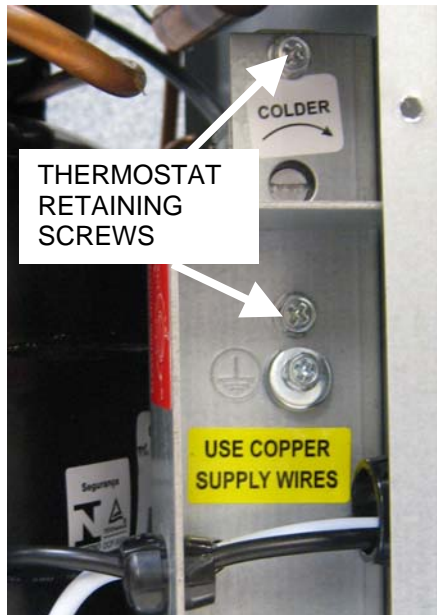


Figure 1



Figure 2



Figure 3

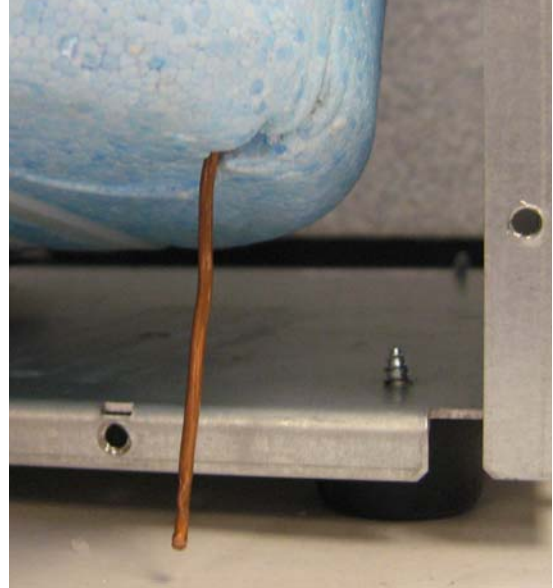


Figure 4



Figure 5



Figure 6

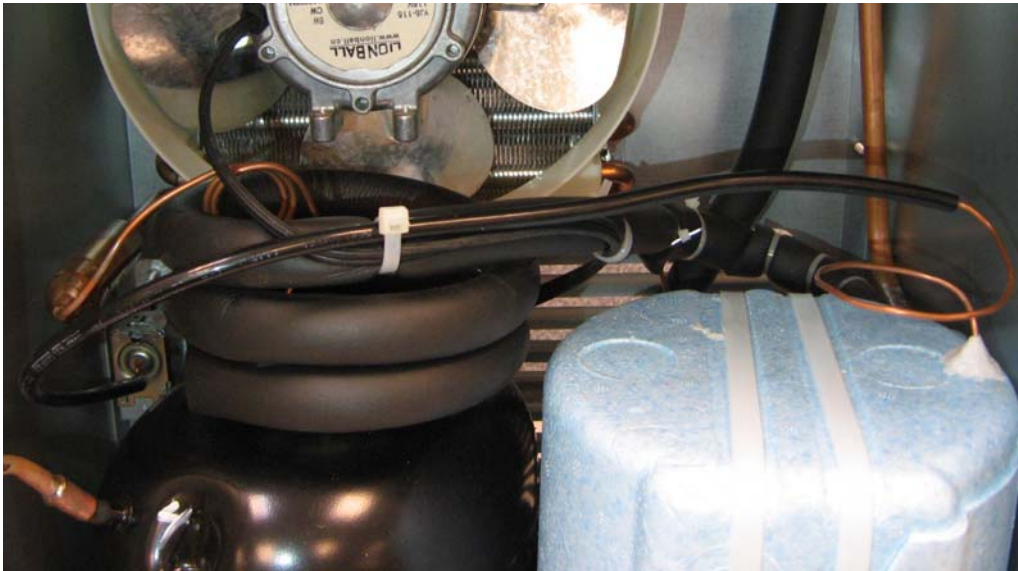


Figure 7