



INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS

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MODEL HC111 – FAN BLADE

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 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.
- D. Handle the fan blade with care to avoid bending.

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:** If necessary, remove the two tie wraps securing the fan motor cable to the foam tube insulation. This will allow the fan assembly to come further out of the unit after removing its fasteners.
- STEP 3:** Remove the quantity 4 bolts retaining the fan bracket to the top panel. Take care not to damage the condenser fins after freeing the fan assembly.
- STEP 4:** Hold the fan blade stationary by holding the locations between the blades (See Figure 1). Remove the nut retaining the fan blade and rubber damper. Use a glove if sharp surfaces are present on the fan blade.
- STEP 5:** Remove the fan blade and rubber damper.
- STEP 6:** Install the new rubber damper, taking care to align the four holes on the back side of the damper with the four nubs on the fan motor. (See Figure 2).

- STEP 7:** Install the new fan blade. Take care to install with correct orientation (See Figure 3). The concave surface at the outside of the fan blades should face away from the fan motor. The four holes in the blade should align with the four nubs on the fan damper.
- STEP 8:** Re-assemble by reversing Steps 2-4.
- STEP 9:** Check for free rotation of the fan blade by manually spinning and visually inspecting gaps between nearby parts and the blade.
- STEP 10:** Re-assemble the back panel to the unit using the quantity 10 corresponding screws.
- STEP 11:** Reconnect water lines and electrical power and check for unusual noise or excessive vibration during fan running.



Figure 1



Figure 2

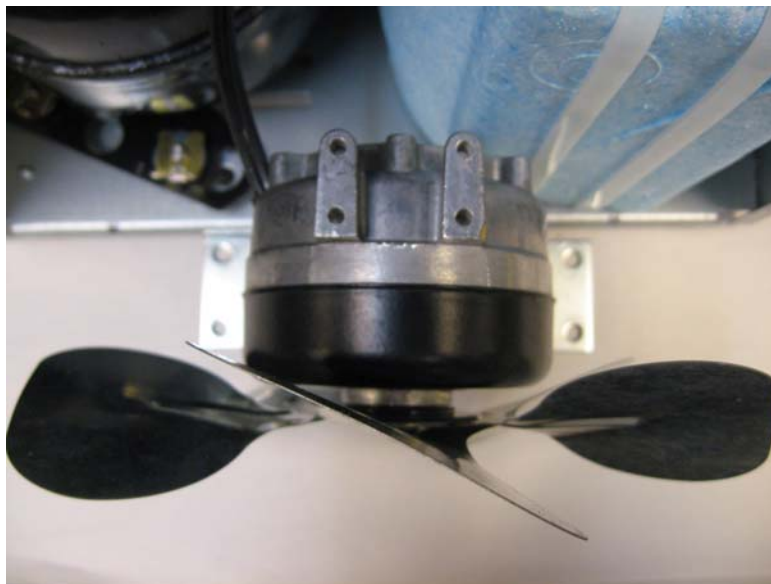


Figure 3