

INSTALLATION INSTRUCTIONS

FREEZE-STAT KIT

FOR RKNL/RLNL-B180/210/240/300 MODELS

⚠ Recognize this symbol as an indication of Important Safety Information!

⚠ WARNING

THESE INSTRUCTIONS ARE INTENDED AS AN AID TO QUALIFIED SERVICE PERSONNEL FOR PROPER INSTALLATION, ADJUSTMENT AND OPERATION OF THIS KIT. READ THESE INSTRUCTIONS THOROUGHLY BEFORE ATTEMPTING INSTALLATION, ADJUSTMENT, OR OPERATION. FAILURE TO FOLLOW THESE INSTRUCTIONS CAN RESULT IN IMPROPER INSTALLATION, ADJUSTMENT, SERVICE OR MAINTENANCE, POSSIBLY RESULTING IN FIRE, ELECTRICAL SHOCK, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.

⚠ WARNING

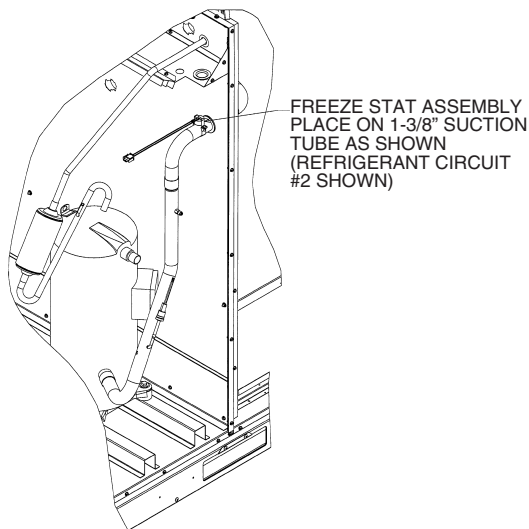
BEFORE BEGINNING ANY MODIFICATION, BE SURE THE MAIN DISCONNECT SWITCH IS IN THE "OFF" POSITION. FAILURE TO DO SO CAN CAUSE ELECTRICAL SHOCK RESULTING IN PROPERTY DAMAGE, PERSONAL INJURY OR DEATH. TAG DISCONNECT WITH SUITABLE WARNING LABEL.

1. INSTALLATION PROCEDURE

- Remove Condenser Access Panel from the front and the rear of the outdoor section using a 5/16" hex wrench.
- Install freezestat on 1-3/8" diameter Suction (Vapor) Line near condenser bulkhead for Compressor #2 circuit as illustrated in Figure 1 using two (2) 5/16" hex head screws included with freezestat clamp. It may be easier to install the clamp with the screw heads facing outward and then rotating the freezestat with clamp to the correct position.
- Wrap the freezestat with a layer of cork tape provided with freezestat kit.
- Repeat steps "B" and "C" for Compressor #1 circuit.

Note: If the FT is not clamped on the suction line correctly, the FT will not shut the compressor off in the event of an evaporator freeze up.

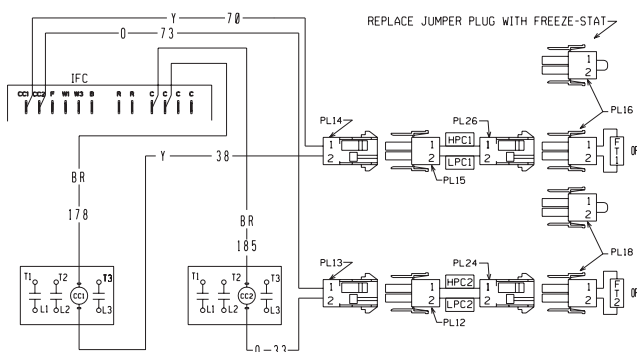
FIGURE 1
LOW AMBIENT/FREEZE STAT OPTION FACTORY INSTALLED



2. ELECTRICAL CONNECTIONS

- Refer to the wiring diagram in Figure 2 (Rooftop & Packaged A/C) for proper connections.

FIGURE 2



- Remove, then discard PL16 and PL18 polarized quick connect jumper plugs from the wire bundle above each freezestat.
- Insert the male polarized quick connect plug (FT1) into the female CKT #1 (LPC1 & HPC1).
- Insert the male polarized quick connect plug (FT2) into the female CKT#2 (LPC2 and HPC2).
- Ensure that all connections are securely fastened by pulling the polarized quick connect plugs after the male and female components are inserted together.
- Using wire ties if necessary, route wires so they do not contact Compressor Discharge line as this may cause the wire insulation to burn.

3. CHECK

- Replace front and rear Condenser Access Panels on the outdoor section.
- Restore power to the package unit after checking all connections.
- Temporarily energize both stages of cooling using the thermostat and verify that both compressors run before leaving the jobsite.