INSTALLATION INSTRUCTIONS
FREEZE-STAT KIT
PACKAGE GAS ELECTRIC UNITS, PACKAGE AIR CONDITIONERS AND PACKAGE HEAT PUMPS
RXRX-AM05

⚠ 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 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 A SUITABLE WARNING LABEL.

1. Installation Procedure

a. Shut off power (see warning above).

b. Open access panel (illustration – Figure 1).

c. Mount the Freeze-Stat (FT) on the suction line (Illustration – Detail "A"). Note: A small section of pipe insulation will need to be removed to make room for the FT.

d. Hold the FT tight to the suction line while wrapping cork tape around FT and suction line.

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.

2. Electrical Connections

a. Remove and discard polarized quick connect jumper plug from the wire bundle above FT location. See unit wiring diagram to confirm plug location.

b. Insert the FT male polarized quick connect plug into the female PL.

c. Ensure that connection is securely fastened by pulling the polarized quick connect plugs after the male and female components are inserted together.

d. Secure loose wires with wire ties.

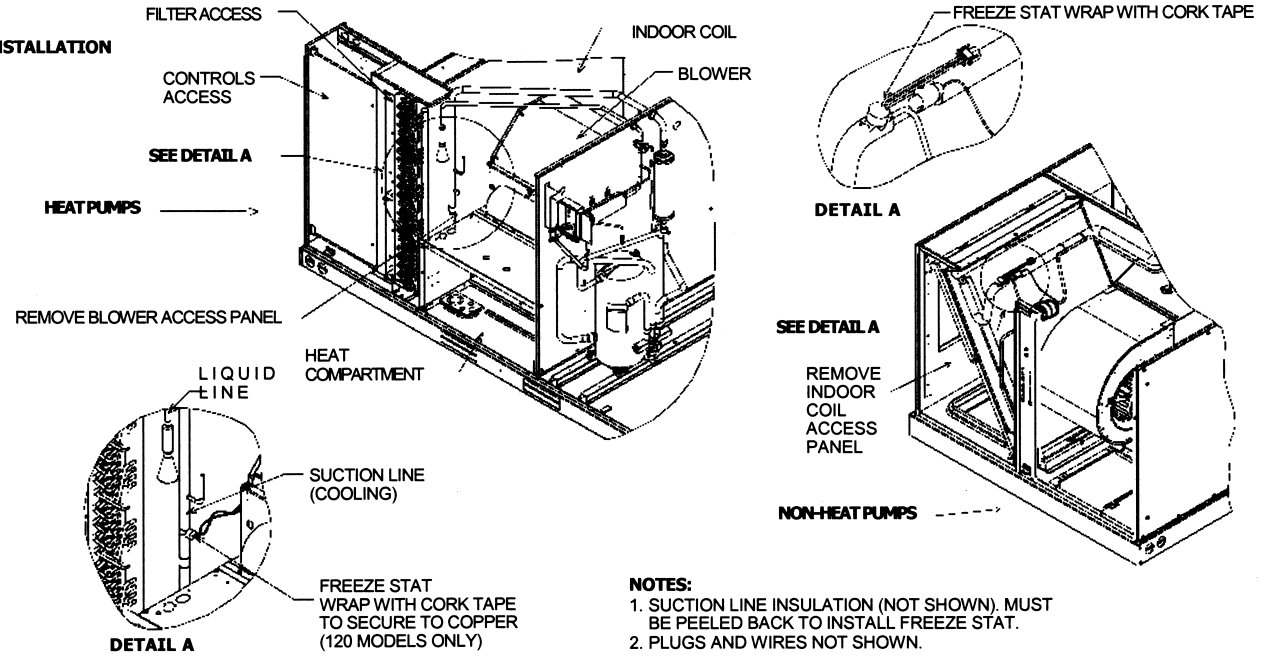
e. Close blower access panel.

3. Check

a. Restore power to the package unit after checking connections.

b. Temporarily energize cooling using the thermostat and verify compressor runs before leaving the jobsite.

FIGURE 1
FREEZE STAT INSTALLATION



NOTES:
1. SUCTION LINE INSULATION (NOT SHOWN). MUST BE PEELED BACK TO INSTALL FREEZE STAT.
2. PLUGS AND WIRES NOT SHOWN.

92-42556-05-02
SUPERSEDES 92-42556-05-01

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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.

2. Electrical Connections

a. Remove and discard polarized quick connect jumper plug from the wire bundle above FT location. See unit wiring diagram to confirm plug location. (See Detail "B")

b. Insert the FT male polarized quick connect plug into the female PL.

c. Ensure that connection is securely fastened by pulling the polarized quick connect plugs after the male and female components are inserted together.

d. Secure loose wires with wire ties.

e. Close blower access panel.

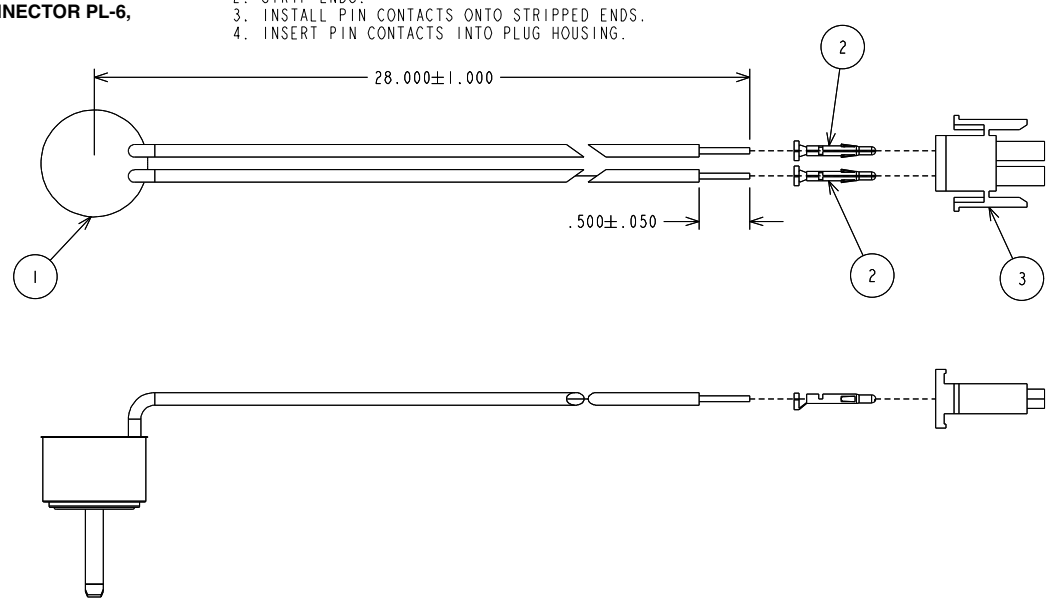
3. Check

a. Restore power to the package unit after checking connections.

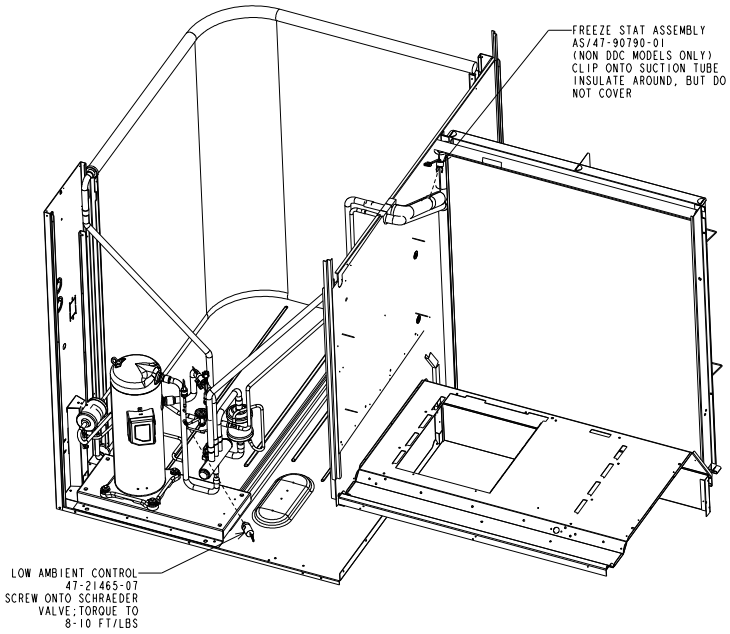
b. Temporarily energize cooling using the thermostat and verify compressor runs before leaving the jobsite.

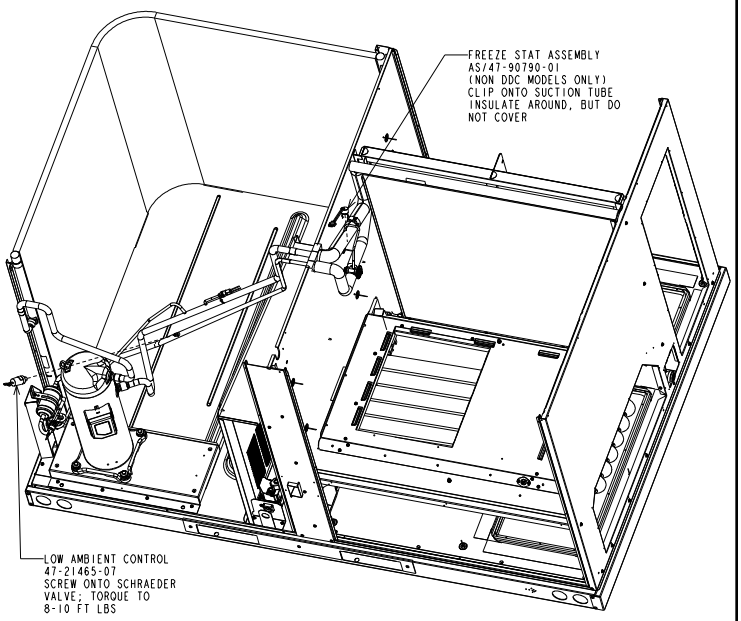
DETAIL "B"
INSERTION OF WIRING DETAILS:
RTU-C BOARD CONNECTOR PL-6, PINS 1 & 2

NOTES:
1. CUT FREEZE STAT WIRING TO LENGTH SHOWN.
2. STRIP ENDS.
3. INSTALL PIN CONTACTS ONTO STRIPPED ENDS.
4. INSERT PIN CONTACTS INTO PLUG HOUSING.



DETAIL "A"
FREEZE STAT INSTALLATION





NOTE: ALL RE-HEAT MODELS ARE DDC MODELS AND DO NOT HAVE A SEPARATE FREEZE STAT SENSOR. THEY HAVE ONE BUILT-IN.

