

INSTALLATION INSTRUCTIONS

FREEZE-STAT KIT

PACKAGE GAS ELECTRIC UNITS, PACKAGE AIR CONDITIONERS AND PACKAGE HEAT PUMPS

RXXR-AM04

⚠ 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 MAY 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.

INSTALLATION PROCEDURE

IMPORTANT: When snapping the Freeze-Stat (FT) onto the suction line, be careful not to damage any tube or wiring in the compartment.

- Remove indoor and outdoor top panels and place aside for working space.
- Refer to Figure 1 for the installation location of the Freeze-Stat (FT). Mount the FT on the vapor line (Suction) of the indoor coil (the evaporator) and route wiring along suction line through the wiring chase, bulkhead grommet and into control. Use enclosed wire ties to secure wiring. Wire must be on the outside of suction line insulation for heat pump application. (This line is hot in heat pump heat mode.)

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

ELECTRICAL CONNECTIONS

- Refer to the wiring diagrams (Figures 2 through 5) and wiring diagram in unit control box for proper electrical connections.

FIGURE 1
WIRING INSTRUCTIONS FREEZE STAT

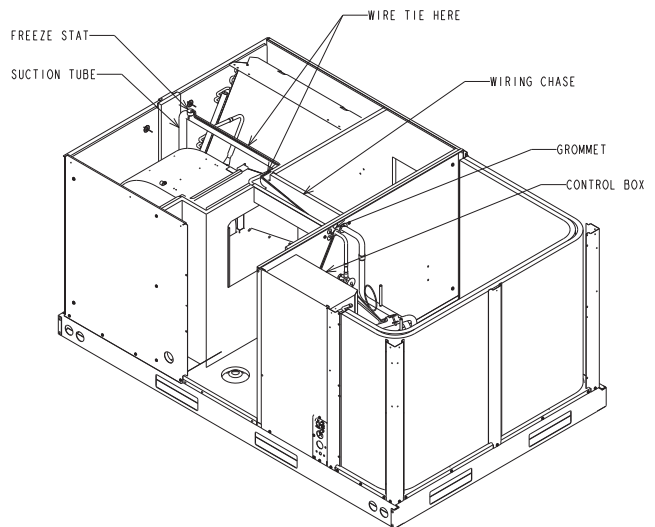


FIGURE 2
WIRING DIAGRAM FOR FREEZE STAT (PACKAGE GAS/ELECTRIC UNIT)

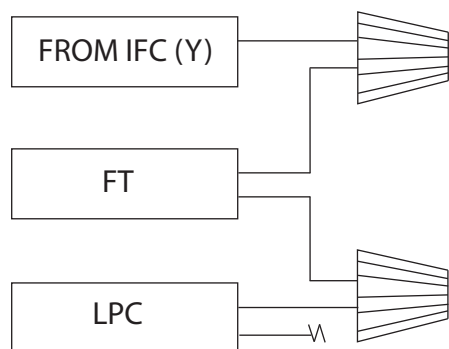


FIGURE 3
WIRING DIAGRAM FOR FREEZE STAT (PACKAGE AIR CONDITIONER)

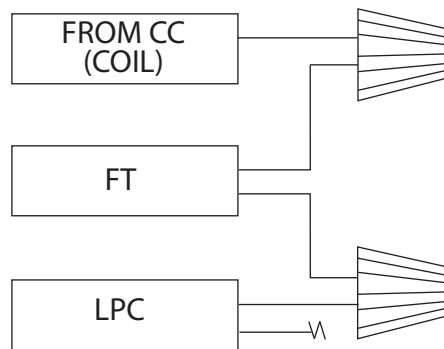


FIGURE 4
WIRING DIAGRAM FOR FREEZE STAT PACKAGE HEAT PUMP WITH
ACCESSORY RELAY (AR)

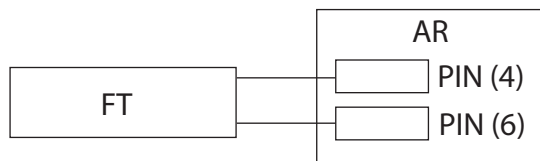
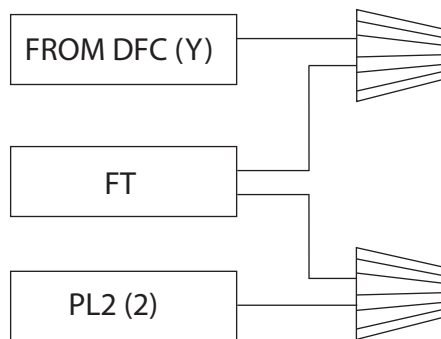


FIGURE 5
OPTIONAL WIRING DIAGRAM FOR FREEZE STAT PACKAGE HEAT PUMP
WITHOUT AR



AR - ACCESSORY RELAY
CC - COMPRESSOR CONTACTOR
DFC - DEFROST CONTROL

FT - FREEZE-STAT
IFC - INTEGRATED FURNACE CONTROL
LPC - LOW PRESSURE CONTROL