RXAB-A07
INSTALLATION INSTRUCTIONS
HIGH PRESSURE CONTROL PACKAGE
1½ THROUGH 5 TON
REMOTE CONDENSING UNITS & HEAT PUMPS (R-410A)

⚠ WARNING

THIS ACCESSORY IS TO BE INSTALLED BY A QUALIFIED, LICENSED SERVICE PERSON. TO AVOID UNSATISFACTORY OPERATION OR DAMAGE TO THE PRODUCT AND POSSIBLE UNSAFE CONDITIONS, INCLUDING ELECTRICAL SHOCK, REFRIGERANT LEAKAGE AND FIRE, THE INSTALLATION INSTRUCTIONS PROVIDED WITH THIS ACCESSORY MUST BE STRICTLY FOLLOWED AND THE PARTS SUPPLIED USED WITHOUT SUBSTITUTION. DAMAGE TO THE PRODUCT RESULTING FROM NOT FOLLOWING THE INSTRUCTIONS OR USING UNAUTHORIZED PARTS MAY BE EXCLUDED FROM THE MANUFACTURER'S PRODUCT WARRANTY COVERAGE.

PARTS LIST		
DESCRIPTION	**PART NUMBER**	**QTY.**
High Pressure Control	47-102491-01	1
Adapter	83-21457-02	1
Screws (#8 x 7/8")	63-19228-02	2
Wire Nuts	45-18058-01	2
Wire Tie	64-17606-01	3
Bushing	45-21895-01	1
Instructions	92-21458-63-00	1
Cover Flag Terminal	45-19245-01	2

⚠ WARNING

BEFORE BEGINNING ANY MODIFICATION, BE SURE MAIN DISCONNECT SWITCH IS IN THE "OFF" POSITION. TAG DISCONNECT WITH A SUITABLE WARNING LABEL.

CUBE INSTALLATION PROCEDURE

⚠ CAUTION

WHEN MAKING FLARE CONNECTIONS, USE A BACKUP WRENCH TO AVOID BREAKING CONNECTION OR SPLITTING FLARE.

1. Remove covers required to gain access to the control box and the compressor area.

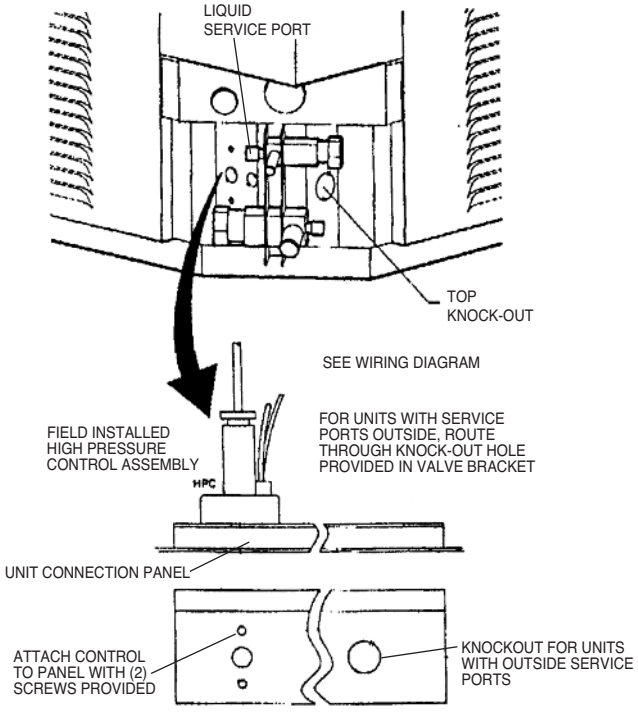


FIGURE 1. INSTALLING CONTROL

2. Install the high pressure control in the existing holes in the connection panel using the two screws provided. See Figure 1.
3. Unwind control tubing and place tubing in bushing.
4. Route control tubing with flare nut through the top knock-out of the valve mounting panel. See Figure 2. Install bushing in knock-out hole.

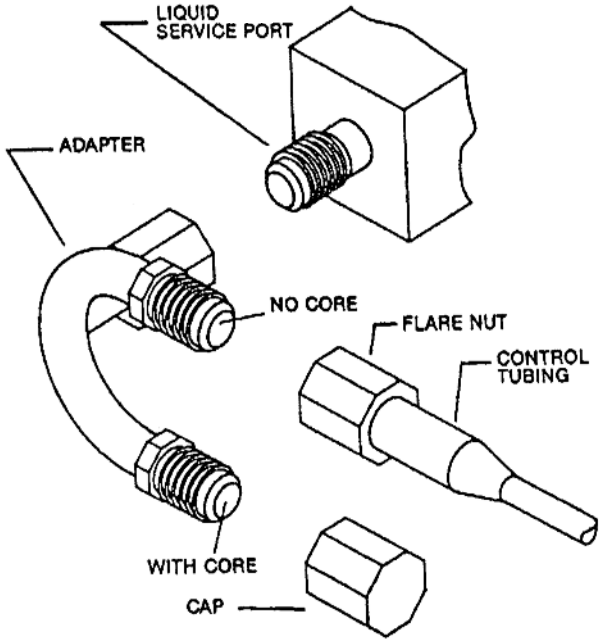


FIGURE 2. FITTING CONNECTIONS

5. Connect flare nut to adapter fitting that does not have a valve core.
6. Remove cap from liquid line service port on liquid service valve and place on remaining adapter fitting with valve core.
7. Securely connect flare nut on adapter to service port on liquid service valve. Carefully bend control tubing to be free of contact with other items to prevent vibration damage.
8. Check all refrigerant connections for leaks and repair as necessary.

92-21458-63-02
SUPERSEDES 92-21458-63-01

RECTANGLE INSTALLATION PROCEDURE

⚠ CAUTION

WHEN MAKING FLARE CONNECTIONS, USE A BACKUP WRENCH TO AVOID BREAKING CONNECTION OR SPLITTING FLARE.

1. Remove covers required to gain access to the control box and the compressor area.
2. Position the high pressure control in the existing holes in the connection panel using the two screws provided. See Figure 3.

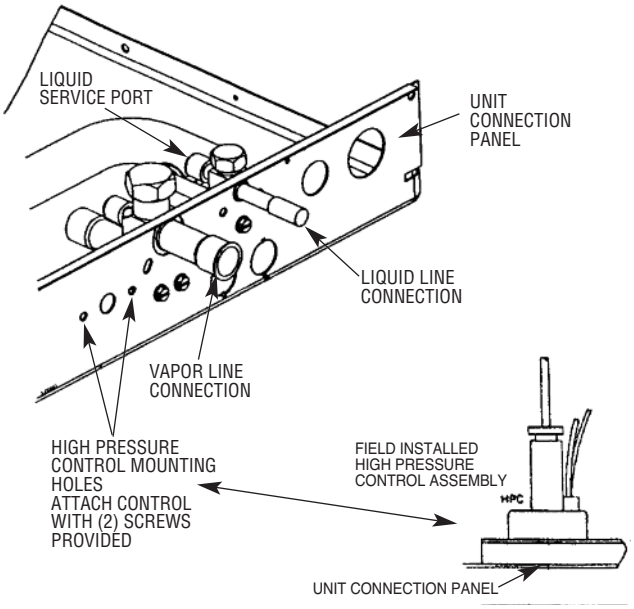


FIGURE 3. INSTALLING CONTROL

RECTANGLE CONDENSING UNIT

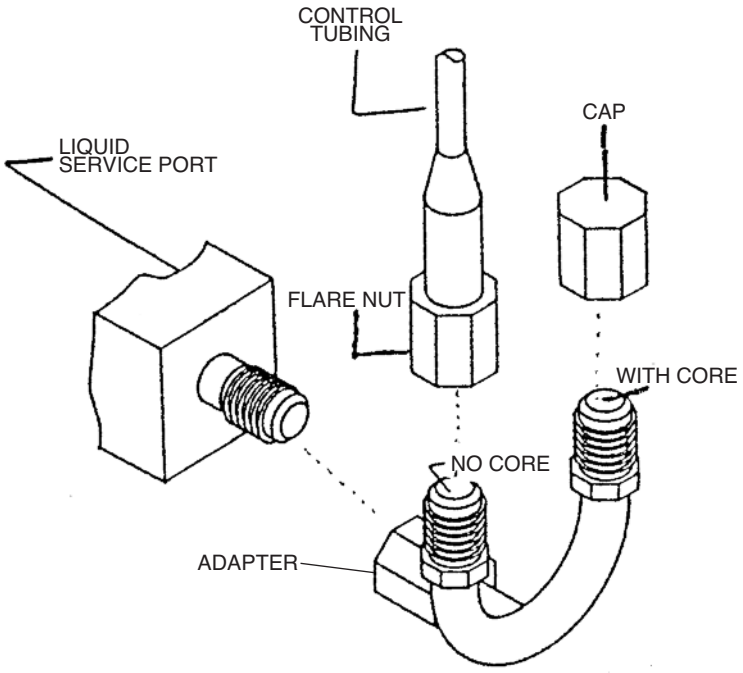


FIGURE 4. FITTING CONNECTIONS

3. Connect flare nut to adapter fitting that does not have a valve core.
4. Remove cap from liquid service port on liquid service valve and place on remaining adapter fitting with valve core.
5. Securely connect flare nut on adapter to service port on liquid service valve. Carefully bend control tubing to be free of contact with other items to prevent vibration damage.
6. Check all refrigerant connections for leaks and repair as necessary.

ELECTRICAL CONNECTIONS

NOTE: In some instances, it may be necessary to clip the connect terminals from the wire leads to make the electrical connections. Wire nuts have been provided for this purpose.

1. Identify the type of control board that is installed in the unit. Some heat pump units may have the Enhanced Defrost Control Board (47-102685-04 or 47-102684-02) with integrated high pressure control built into the board. In these cases refer to Figure 6 for proper wiring instructions. All else refer to Figure 5.

UNITS WITHOUT ENHANCED DEFROST CONTROL BOARD (FIG. 5)

a. Locate the contactor coil terminals on contactor in the unit control box. The yellow and brown leads are located in the low voltage cover of the control box and connections may be made to the brown lead.

b. Make Electrical connection as follows: (Refer to wiring diagram with unit) Disconnect the lead from contactor coil terminal. Connect on pressure control lead to coil terminal and the other control lead to the brown lead disconnected from the contactor coil terminal. Where flag terminal covers are used on contactor coil connections, two covers are supplied in this package.

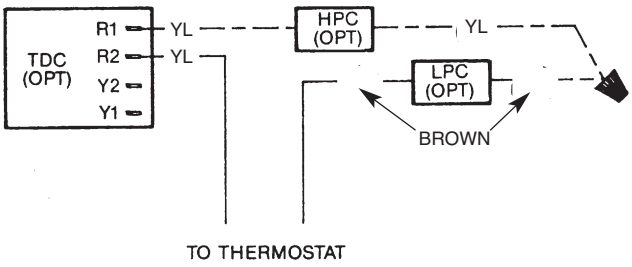


FIGURE 5. WIRING

UNIT WITH ENHANCED DEFROST CONTROL BOARD (FIG. 6)

a. Remove jumper from HPC terminals.

b. Make Electrical connection as follows: (Refer to wiring diagram with unit) Connect the yellow wires of the high pressure control to the HPC section of the enhanced defrost control board.

2. Reinstall access panels.
3. Restore power to the unit and check unit operation.

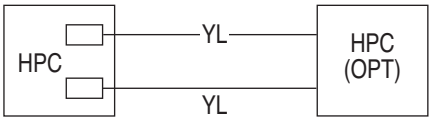


FIGURE 6