INSTALLATION INSTRUCTIONS
LOW PRESSURE CONTROL PACKAGE
1½ THROUGH 5 TON UNITS

REMOTE CONDENSING UNITS

⚠ WARNING

THIS ACCESSORY IS INTENDED 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.**
Low Pressure Control	47-21466-01	1
Adapter	83-21457-02	1
Wire Nuts	45-18058-01	2
Wire Tie	64-17606-01	3
Cover, Flag Terminal	45-19245-01	2
Grommet	56-40360-15	1
Instructions	92-21458-56	1

⚠ WARNING

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

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 low pressure control on suction line piping and secure in place with two wire ties provided. See Figure 1.
3. Split one wall of grommet. Unwind control tubing and place tubing in grommet.
4. Route control tubing with flare nut through the knock-out of the valve mounting panel to the suction service port. See Figure 2. Install grommet in knock-out hole.
5. Connect flare nut to adapter fitting that does not have a valve core.
6. Remove cap from service port and place on remaining adapter fitting with valve core.
7. Securely connect flare nut on adapter to service port on suction line. 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.

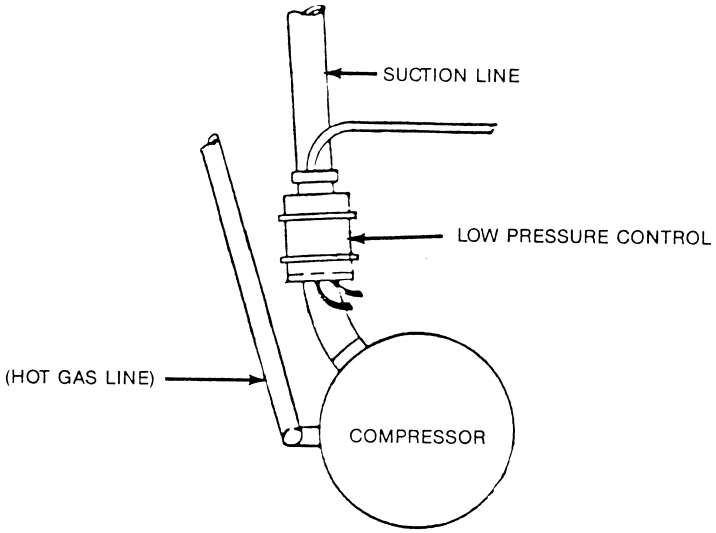


FIGURE 1. LOW PRESSURE CONTROL ATTACHED

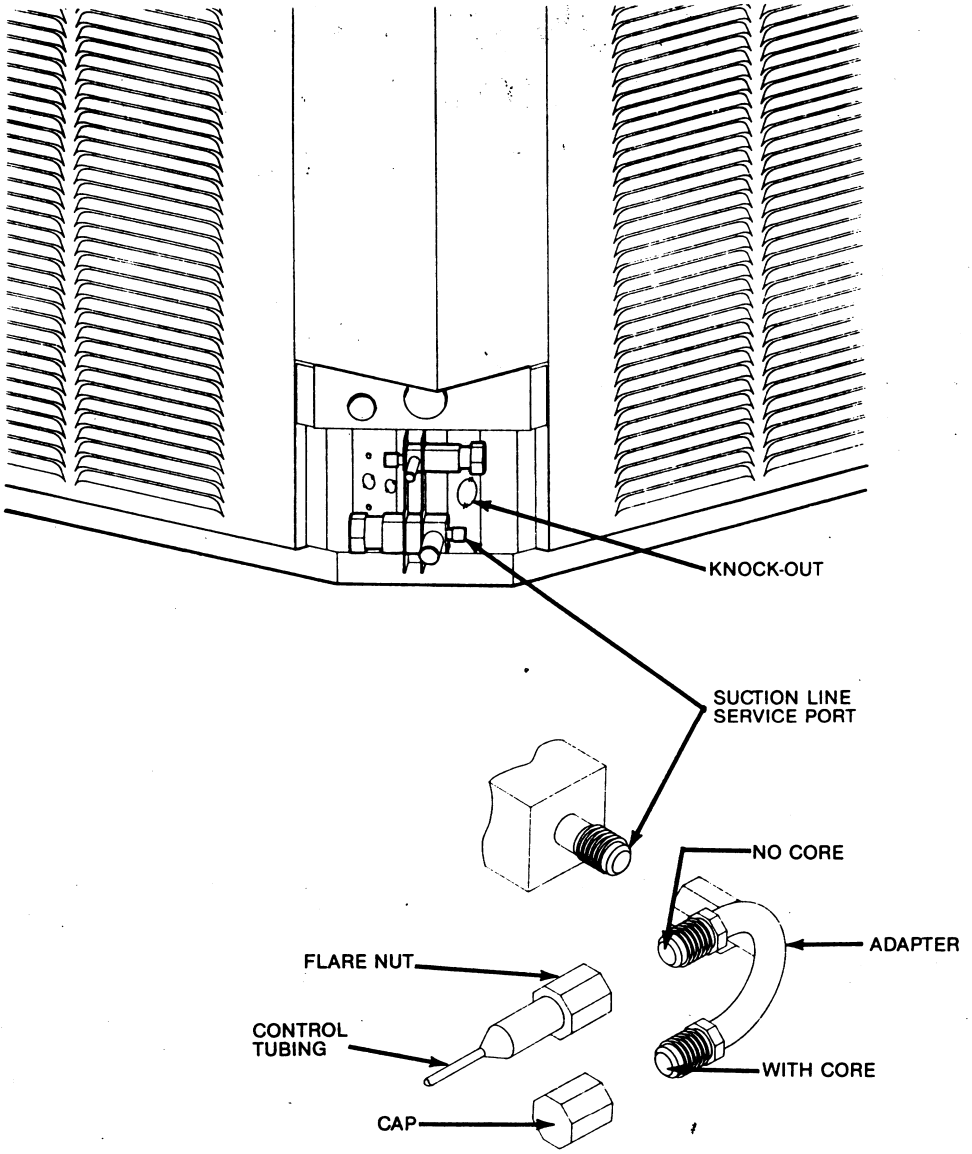


FIGURE 2. FITTING CONNECTIONS

ELECTRICAL CONNECTIONS

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

1. Locate unit contactor coil terminals on contactor in unit control box. The yellow and brown leads are located in the low voltage cover of the control box. The yellow and brown leads are located in the low voltage cover of the control box and connection may be made to the brown lead.
2. Make electrical connections as follows: (Refer to wiring diagram with unit.)
   a. Disconnect brown lead from contactor coil terminal. Connect one 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.
   b. Reinstall access panels.
   c. Restore power to the unit and check unit operation.

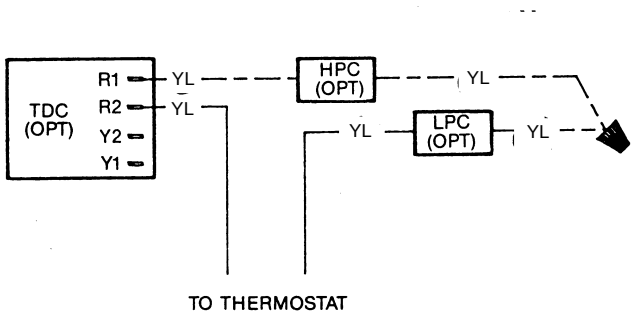


FIGURE 3. WIRING