

# INSTALLATION INSTRUCTIONS FOR RXAB-D01 HIGH PRESSURE CONTROL PACKAGE (AUTO-RESET) 1½ THROUGH 5 TON UNITS



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

## ⚠ 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 RESULTING IN PROPERTY DAMAGE, PERSONAL INJURY OR DEATH. 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	Quantity
High Pressure Control Assembly	47-23699-02	1
Adapter Tee	83-21457-01	1
Screws (#8 x 7/8)	63-19228-02	2
Wire Nuts	45-18058-01	2
Wire Tie	64-17606-01	1
Flag Terminal 1/4"	45-21684-02	2
Flag Terminal 3/16"	45-24097-03	2
Instructions	92-22032-12	1

## Self-Contained Air Conditioners And Rooftop Units

### ⚠ 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 SEVERE PERSONAL INJURY OR DEATH.

### 1. INSTALLATION PROCEDURE

**IMPORTANT:** When making flare connections, use a back-up wrench to avoid breaking connection or splitting flare.

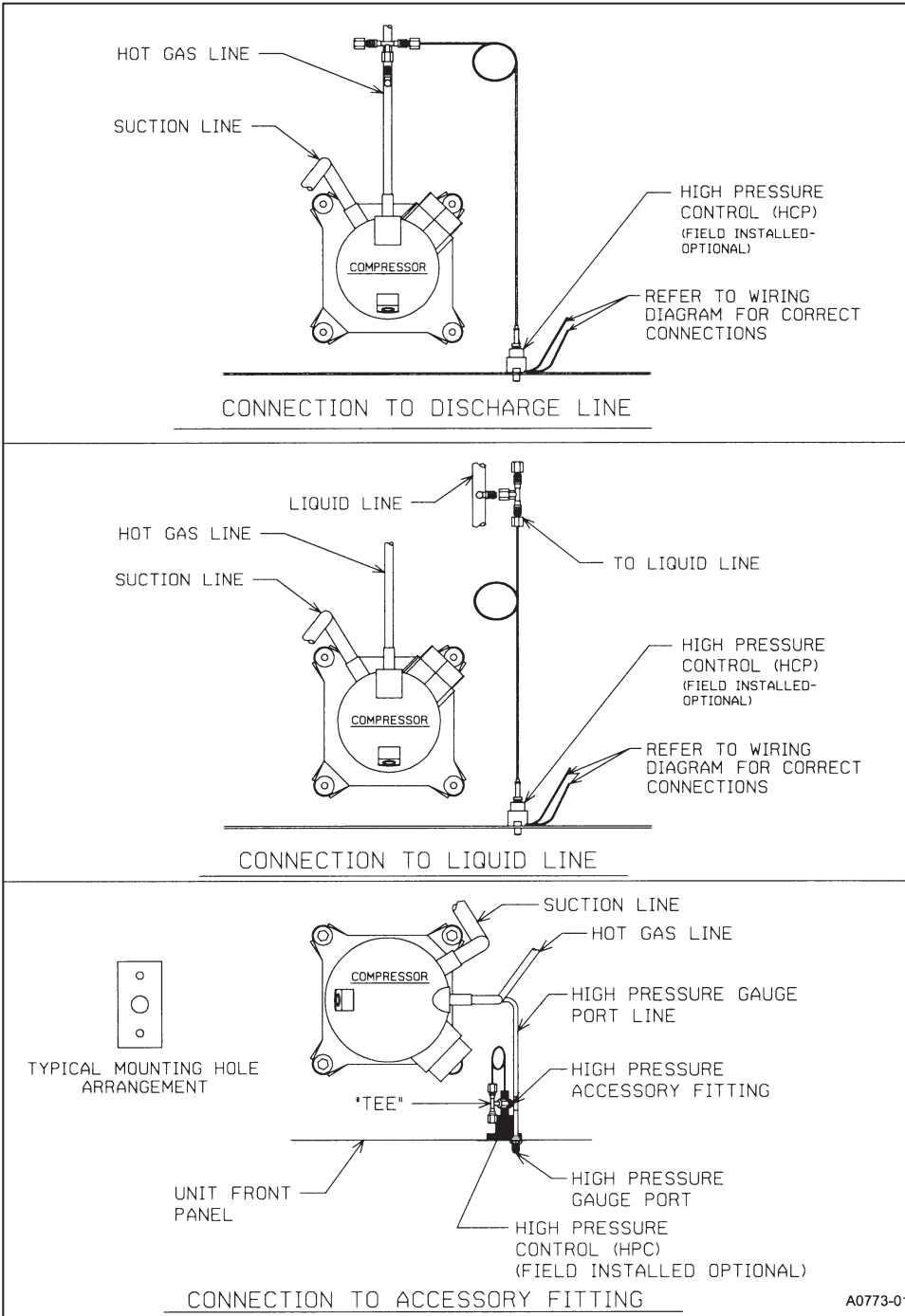
- A. Refer to Figure 1 to determine the appropriate unit configuration.
- B. Lift top condenser fan assembly from condenser section and place aside to allow working space. Commercial units require removal of compressor access panel.
- C. Install the high pressure control in the holes provided in unit. Refer to Figure 2 for hole detail. Automatic reset switches do not have a reset push button.
- D. Connect the pressure control capillary tube to the side of the tee that does not have the valve core installed. The 1/4" flare nut mounted on the capillary tube is for this connection. Remove cap from service port and place on the adapter tee end which has a valve core.
- E. Securely connect flare nut on adapter tee to high pressure accessory service port. Carefully bend control tubing to be free of contact with other items to prevent vibration damage.
- F. Check all connections for refrigerant leaks and repair as necessary.

## 2. ELECTRICAL CONNECTION

- Please refer to the wiring diagram with the unit and to Figure 2 for the proper connections.
- Tie into yellow lead from control box as shown.
- Reinstall condenser fan assembly, control box cover and all access panels.
- Restore power to the unit and check operation.

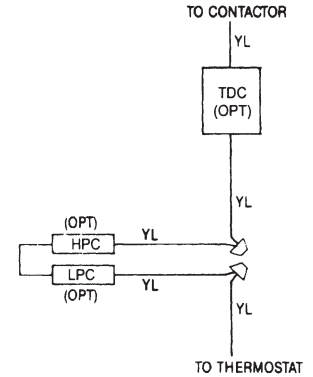
**NOTE:** If the high pressure control is installed in conjunction with a low pressure control, refer to the instructions for the low pressure control package.

**FIGURE 1**  
SELF-CONTAINED AIR CONDITIONERS, HEAT PUMPS AND ROOFTOP UNITS – INSTALLATION AND CONNECTIONS



**FIGURE 2**

### WIRING DIAGRAM



#### COMPONENT CODE

HPC = HIGH PRESSURE CONTROL  
LPC = LOW PRESSURE CONTROL  
TDC = TIME DELAY CONTROL

#### WIRE COLOR CODE

YL = YELLOW

**NOTE:**  
ON MODELS WITH HIGH PRESSURE CONTROL (HPC) TERMINALS ON THE DEFROST BOARD REMOVE JUMPER AND ATTACH HPC USING INCLUDED 3/16" FEMALE Q.C. TERMINALS.