

INSTALLATION INSTRUCTIONS

LOW AMBIENT CONTROL PACKAGE RXRZ-C02

6 THROUGH 25 TON R-410A UNITS

Commercial Package Air Conditioners

Commercial Package Gas Electric Units

(Kit contains one low ambient pressure control. Order one kit for each compressor on unit.)

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

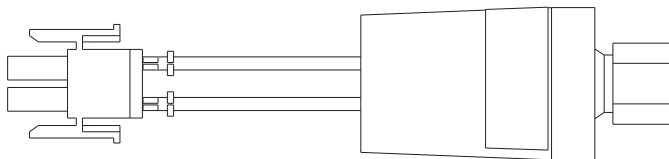
⚠ WARNING

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 WHICH CAN RESULT 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
Low Ambient Pressure Control	AS-103034-01	1
Installation Instructions	92-103031-01	1

⚠ WARNING

BEFORE BEGINNING ANY MODIFICATION, BE SURE THE MAIN ELECTRICAL DISCONNECT SWITCH IS IN THE "OFF" POSITION. FAILURE TO DO SO CAN CAUSE ELECTRICAL SHOCK RESULTING IN PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



**LOW AMBIENT CONTROL ASSEMBLY
FIGURE 1**

⚠ CAUTION

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

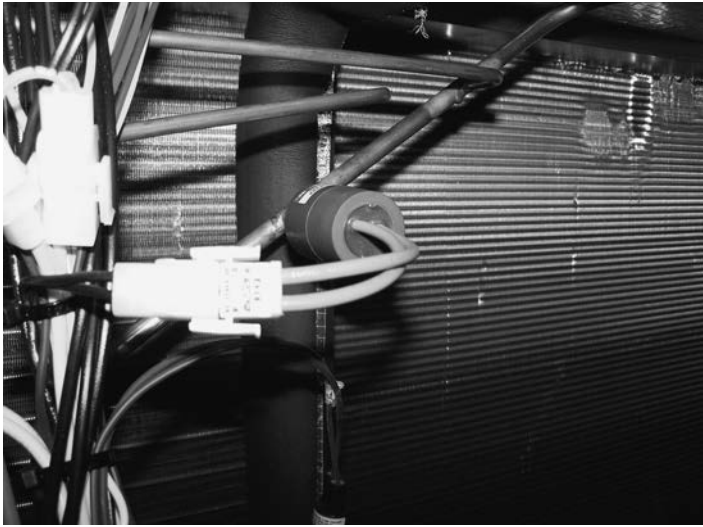
I. INSTALLING LOW AMBIENT CONTROL

- A. Open blower access door. Refer to Figure 2.
- B. Remove cap from liquid line service port. Install low ambient control(s) on liquid line service port(s). Torque control 8-10 ft. lbs. Do not over torque.
- C. Check all connections for refrigerant leaks and repair as necessary.

II. ELECTRICAL CONNECTIONS

Remove factory jumper wire connections. Connect female 2 wire connector(s) from unit to male 2 wire connector(s) on low ambient control(s). See unit wiring diagram.

NOTE: A low ambient control is required for each compressor. If two compressor units, require two low ambient controls.



**FIGURE 2. LOW AMBIENT CONTROL INSTALLATION
TORQUE CONTROL 8-10 FT. LBS. DO NOT OVER TORQUE
OR DAMAGE TO CONTROL WILL RESULT.**

III. UNIT CHECK

- A. Restore power and check unit for proper operation.
- B. Outdoor fan cycles off when liquid pressure drops below 250, \pm 10 PSIG.
- C. Outdoor fan cycles on when liquid pressure rises above 450, \pm 10 PSIG.

This accessory is used when unit operation is required during low ambient conditions. Installation of this control provides a means of de-energizing the condenser fan motor. This permits the suction (low side) to remain above the point which can cause icing of evaporator (inside coil).

NOTE: Liquid line pressure for multiple compressors must all drop below 250 before fans will cycle off and above 450 before fans will cycle on.