

INSTALLATION INSTRUCTIONS

RXRX-BP01 DISCONNECT SWITCH

For 7½, 8½, 10, AND 12½ TON ROOFTOP

 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 CAN RESULT IN IMPROPER INSTALLATION, ADJUSTMENT, SERVICE OR MAINTENANCE, POSSIBLY RESULTING IN FIRE, ELECTRICAL SHOCK, PROPERTY DAMAGE, PERSONAL INJURY, OR DEATH.

PARTS LIST		
DESCRIPTION	PART NUMBER	QTY
Disconnect Switch Assembly	42-100650-03	1
Screw (Hex Head) 10-16 x 7/8	63-42109-03	4
Wire Tie	64-17606-01	1
6 GA BLACK 14" Wire	AE-72749-21	3

TOOLS/SUPPLIES REQUIRED

- A. 5/16" nut driver.
- B. 6 mm Allen or hex key.
- C. 3/16" Allen or hex key.
- D. #2 Phillips screwdriver.
- E. ¼" tip flat-blade screwdriver.
- F. Box Cutter (to open packaging)
- G. Diagonal Cutters (to cut the exterior door's cover plate).

DISCONNECT SWITCH INSTALLATION PROCEDURE

- A. Remove disconnect switch mounting hole cover plate, screws from the exterior door, and discard the cover from the exterior door panel.
- B. Turn screws at the top of the disconnect switch box 1-1/2 turns counter clockwise, so that a ¼" gap with the screw head is created.
- C. Place the disconnect switch box under the main unit control box in alignment with the keyway holes of the control box and slide the disconnect switch box left to hold the box in place. Tighten the 4 screws at the top of the disconnect switch box. Rotate the Switch to the OFF position.
- D. Connect the 3 black wires to terminals L1, L2, L3 on the disconnect switch using a Screw Driver. Tighten to the torque requirement listed on the main contactor relay or to 200 in.-lbf. in the absence of a listed torque.

- E. Remove the front cover of the Disconnect Switch. With the power shut-off, and route the main power wires through the side of the Disconnect Box. Secure to the main power wires to L1, L2, L3 of the Rotary Switch and close the front cover of the Disconnect Switch.
- F. Place Exterior Door on the unit, and secure the Exterior Door to the Disconnect Switch Box with three screws. Secure the remaining screws of the Exterior Door to the Corner and Center Posts.
- G. Check to confirm there is no Ground Continuity between L1, L2, L3 and the unit Chassis.
- H. After all safety checks are completed turn on service power. The unit can now be turned on by rotating the Disconnect Switch to the ON position. [If excessive audible sound can be heard from the unit's compressor, shut off the unit and rotate the Disconnect Switch back to the OFF position. Swap two of the legs entering the main unit contactor. Repeat Steps G & H.]





