ELECTRIC HEATER KIT INSTALLATION INSTRUCTIONS RXBH-SERIES

1. **Turn off power** to unit.
2. Remove blower access door. (Top front panel in the up-flow position.)
3. Remove heater element cover plate and discard. Keep the screws for heater kit installation. (Fig 1)
4. Mount the heater kit through the opening with 4 screws retained in step 3. If needed, use the two screws provided in the kit bag to mount the top flange of the heater kit to the top of the unit. (Fig 3)
5. Connect high voltage power wiring as below.
   I. Single-point wiring: Connect high voltage field power leads to breaker or terminal block. If you have multiple breakers, a single point accessory kit will be needed. (RXBJ-A21 for 2-pole and RXBJ-A31 for 3-pole). Connect heater kit's **red and black** power pigtails **respectively** to the **orange and black** line leads of the terminal block on the bulkhead.
   II. Multi-circuit wiring: Connect necessary high voltage field power leads to breakers. Connect heat kit red and black power pigtails to the power block on the bulkhead.
   III. Connect high voltage ground lead to ground lug on the bulkhead or the one on the heater kit.
6. Connect Four-pin power plug. Option A is for PSC motors. Option B is for X-13 and ECM motors.
   A. Connect four-pin plug in to matting four-pin plug just above the control box. (Fig 1)
   B. Remove the control box cover, plug the four-pin plug onto the control board, run wires through the wire tie (above the transformer) and out of control box. Replace control box cover. (Not shown)

NOTE: Check all wiring to be sure connections are securely fastened, electrically insolated from each other and that the unit is properly grounded.

7. Skip to Step 9 if using a non-breaker version.

   Remove necessary knockouts on blower door to accommodate breakers on heater kits. For horizontal right application, the breaker must be repositioned, see air handler Installation and Operating Guide for details.
8. Follow the procedure below to place the circuit breaker cover to the blower access door: **Clean the surface with Alcohol. The surface must be clean, dry, and free of grease and oil for establishing a good bonding.** Peel off the release paper on the back of the circuit breaker cover. Center the breaker cover in relation to the knock out. Align the top of the cover to the top of the access door. Firmly press the breaker cover on to the access door for 30 seconds.
9. Replace the blower access door. Making sure that the circuit breaker is aligned evenly with the knock out on the access door.
10. Verify the proper thermostat wirings per air handler Installation and Operating Guide.
11. Restore power and verify unit operation.

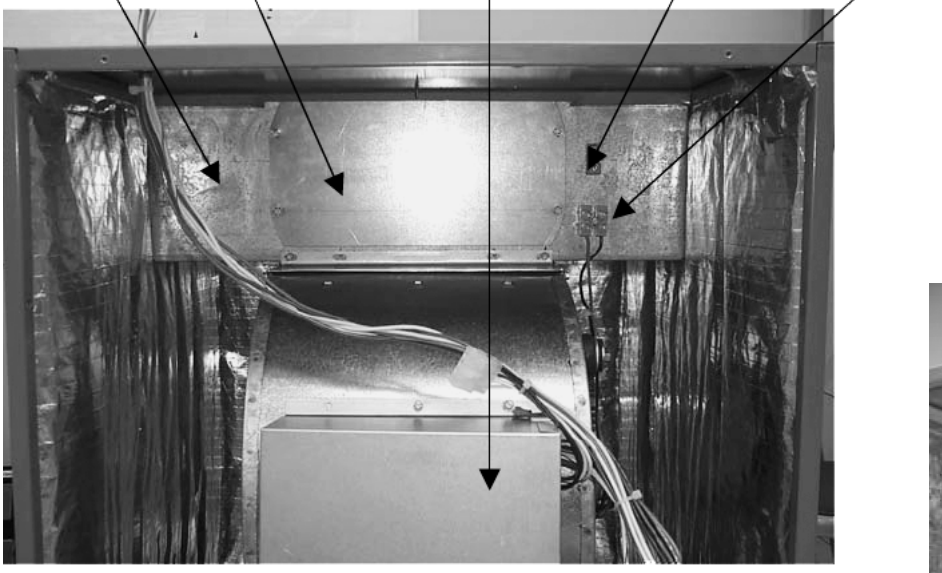


Figure 1

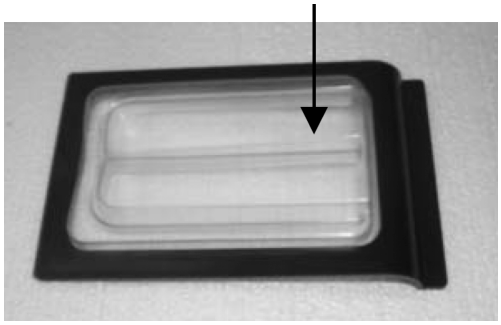


Figure 2

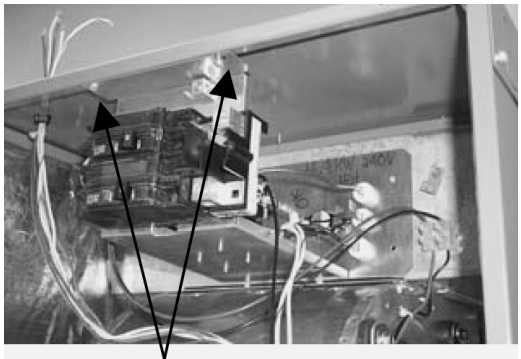


Figure 3