

For B1BM & B1VM Models

# Installation Instructions

## C1 to C3 Conversion Kits For Horizontal Left or Right Applications (B & C Width Only)

### DESCRIPTION

These instructions are primarily intended to assist qualified individuals in the proper installation of this appliance. Some local codes require licensed installation/service personnel for this type of equipment. Read all instructions carefully before starting the installation.

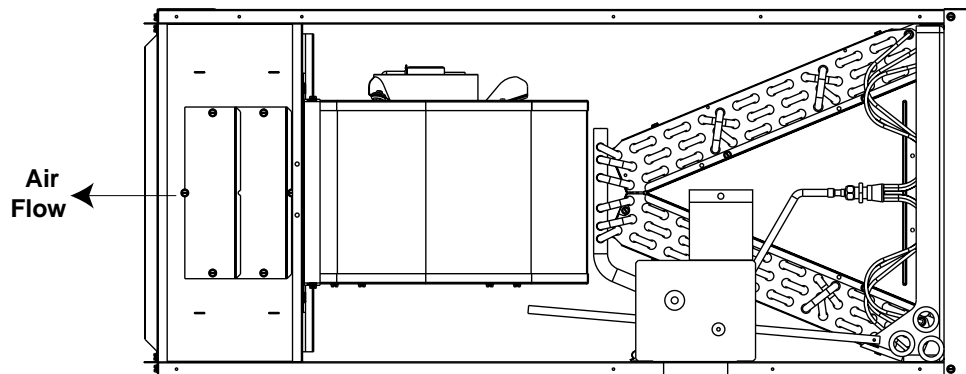
### INTRODUCTION

This kit is designed to allow the conversion from a C1 coil to a C3 coil in B1BM and B1VM units (B & C width only), applied in either a horizontal left or horizontal right position. (See Figures 1 & 1a.)

**NOTE: For horizontal left configurations:** the C3 coil apex will be pointing the same way as the C1 coil was.

**For horizontal right configurations:** the C3 coil apex WILL NOT be pointing

#### Horizontal LEFT Before C1 to C3 Coil Conversion



#### Horizontal LEFT After C1 to C3 Coil Conversion

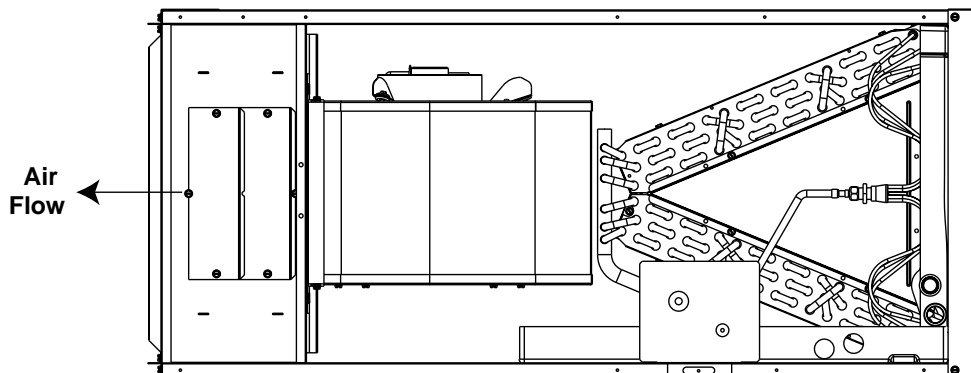
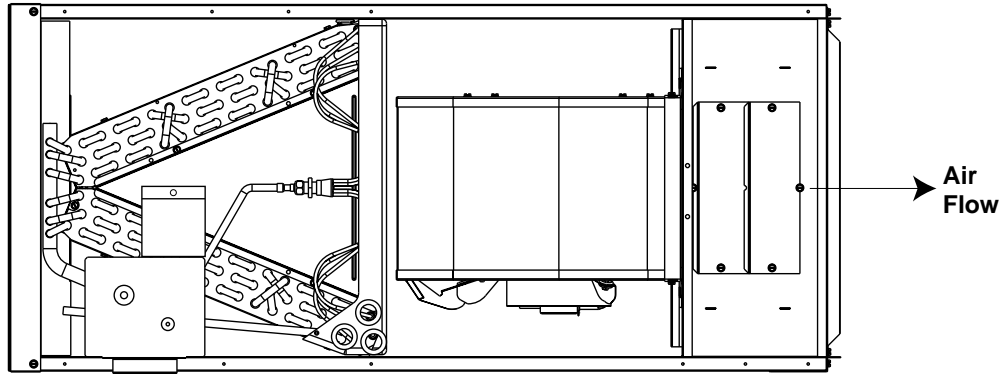


Figure 1.

### Horizontal RIGHT Before C1 to C3 Coil Conversion



### Horizontal RIGHT After C1 to C3 Coil Conversion

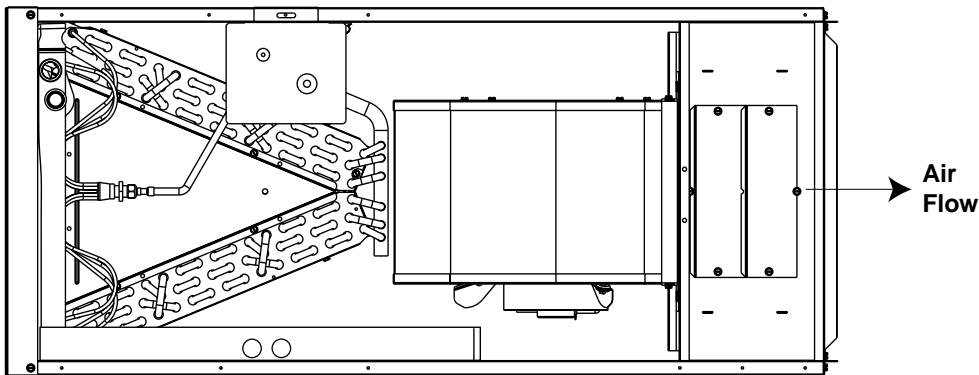


Figure 1a.

the same way and the line set connections will be on the upper side of the coil rather than the lower side.

i.e. For horizontal right configurations the C3 coil WILL NOT be in a counterflow position. (See Figure 1a.)

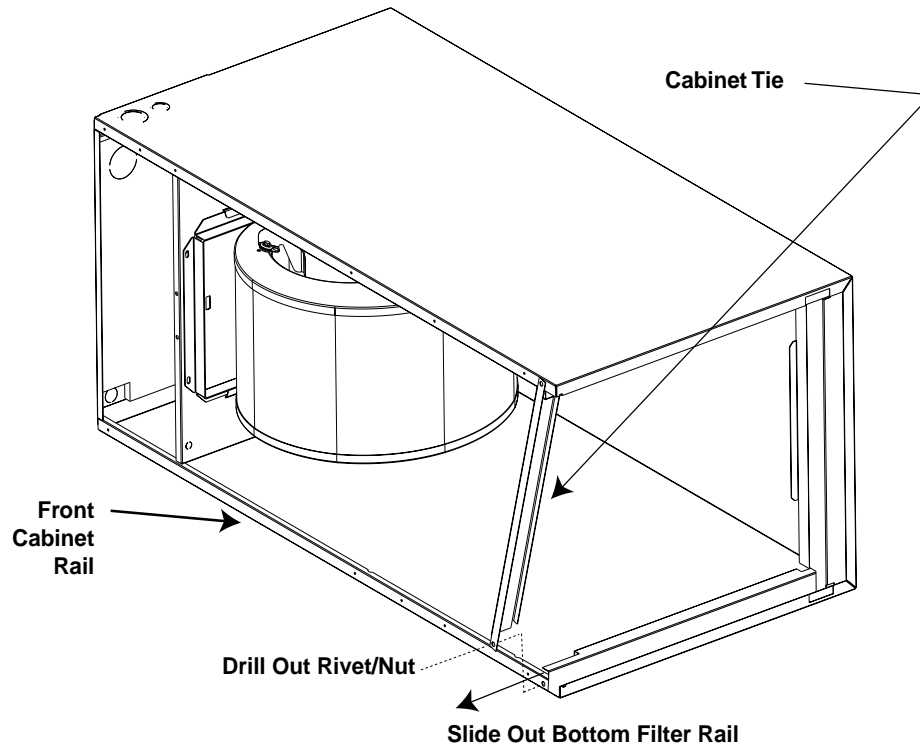
### **! WARNING:**

**To avoid the risk of electric shock, personal injury, or death, disconnect all electrical power to the unit before performing any maintenance or service. The unit may have more than one power supply.**

### **PROCEDURE**

- 1) Remove C1 Coil From B1 unit.
- 2) For horizontal right configurations remove the counterflow coil mounting rack.
- 3) Remove lower filter rail by:
  - a. Remove filter access door
  - b. Where the cabinet tie is attached to the front cabinet rails, remove the lower aluminum rivet/nut by drilling it out with a 1/4" drill.
  - c. Slide the lower filter rail straight out of the unit. (See Figure 2.)

## Horizontal LEFT



## Horizontal RIGHT

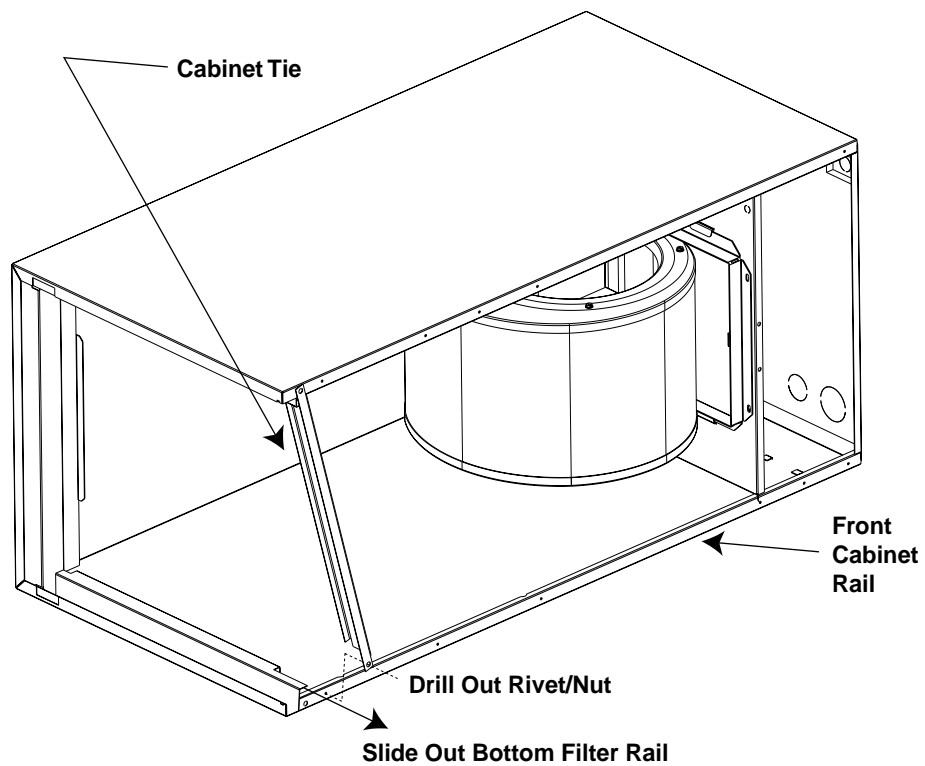


Figure 2.

- d. Where the rivet/nut was removed, reattach the cabinet tie to the cabinet rail by sliding the Tinnerman clip over the two pieces of sheet metal, clipping them together, seating the clip threads and aligning them with the two holes. (See Figure 3.)

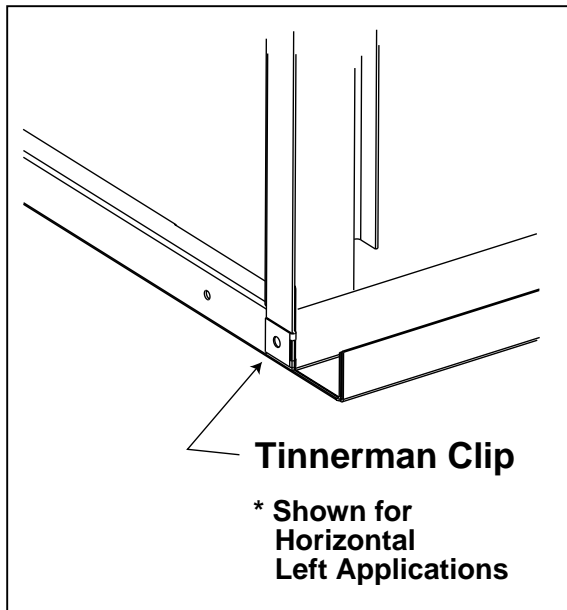


Figure 3.

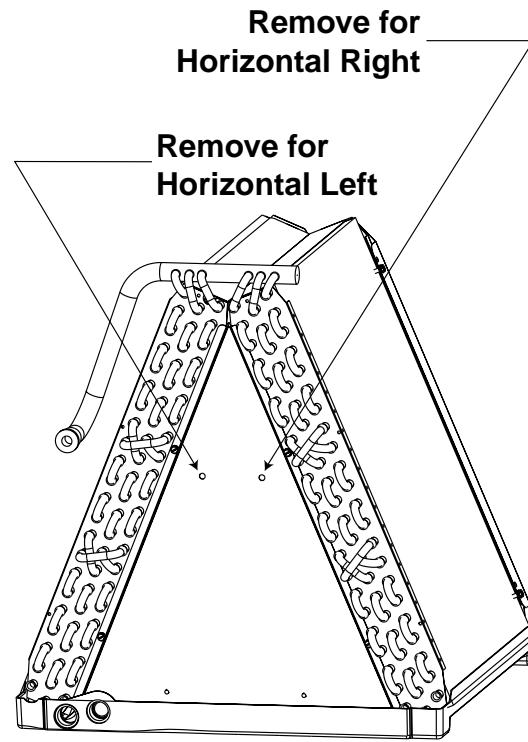
- 4) For B-Width cabinets: Remove the two 1/4" knockouts located on the front and back of the coil delta plates.

For C-Width cabinets: The coil delta plates will have two sets of 1/4" knockouts used for either horizontal left or horizontal right. Remove the knockouts that are on the side of the coil next to the drain pan. See Figure 4.)

- 5) Place the coil support rod by inserting the ends of the rod into the knocked out holes.

**NOTE:** The side of the coil support rod with the offset bend and crimped tabs should go on the front of the coil

### C width Coil FRONT



### C width Coil BACK

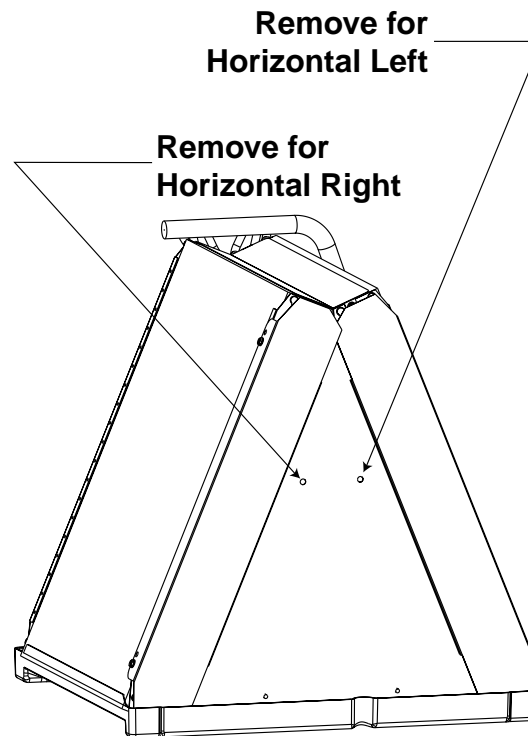
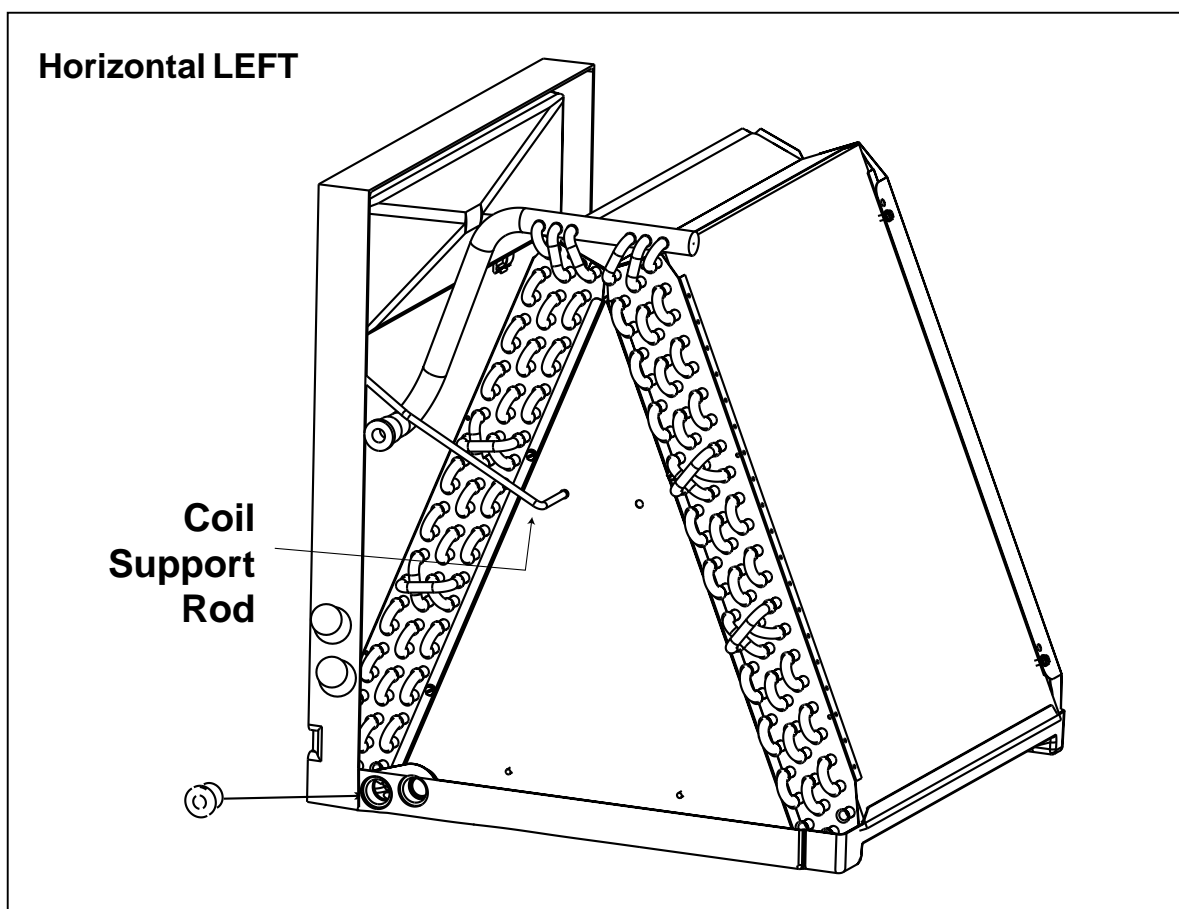


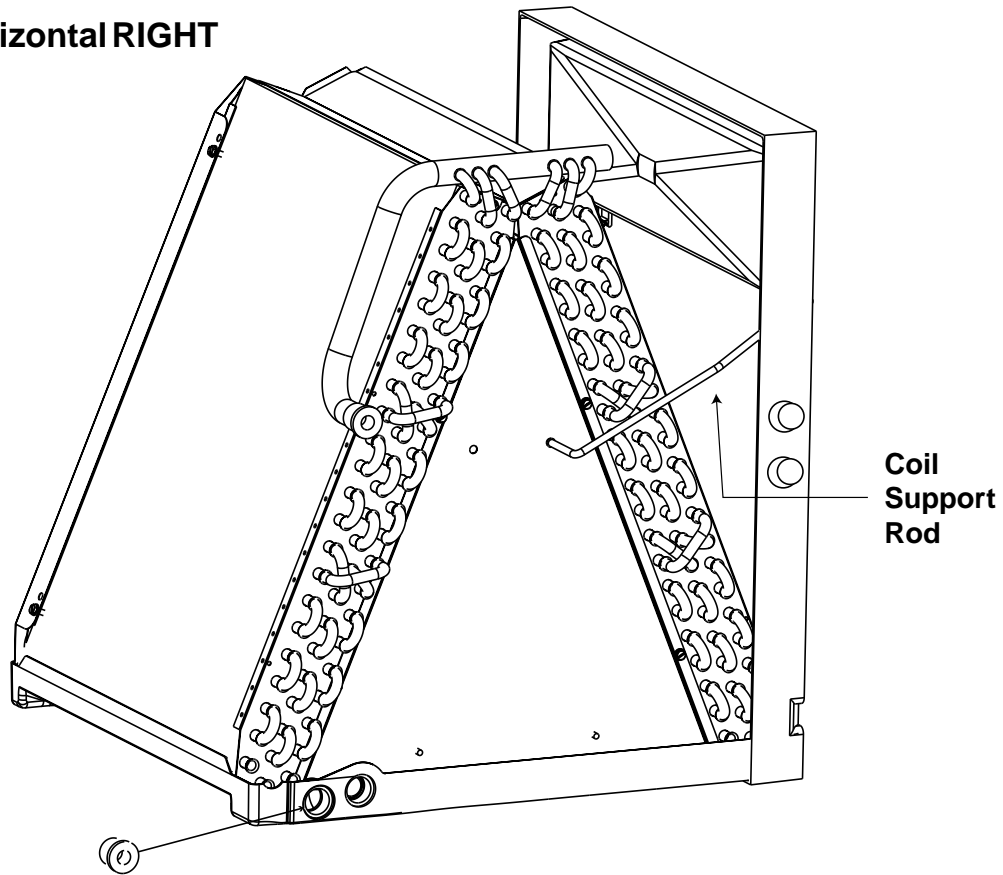
Figure 4.

- and should clear the copper parts of the coil when installed with the drain pan on the next step.
- 6) Attach the horizontal drain pan to the coil as shown and insert the extra plastic plug into the open hole of the bottom drain pan to block bypass air. (See Figures 5 & 5a.)
  - 7) Place the rear latch deflector over the back edge of the Vertical Drain Pan on the back of the C3 coil assembly. The notch on the rear latch deflector will go over the semi-circular notch on the inside of the drain pan edge. (See Figure 6.)
  - 8) If necessary, place the extra sheet of insulation in the unit to support the horizontal drain pan.
  - 9) Slide the coil and horizontal drain pan assembly into the cabinet.
  - 10) Place the tube close-off plate over the suction and liquid headers and screw onto front cabinet rail. (See Figure 7.)
  - 11) Replace the old door with the new door using the self-tapping screws where necessary.
  - 12) After making all necessary connections and properly charging the system:
    - a. At the front of the unit pull the line set tubing insulation away from the connection locations, if necessary.



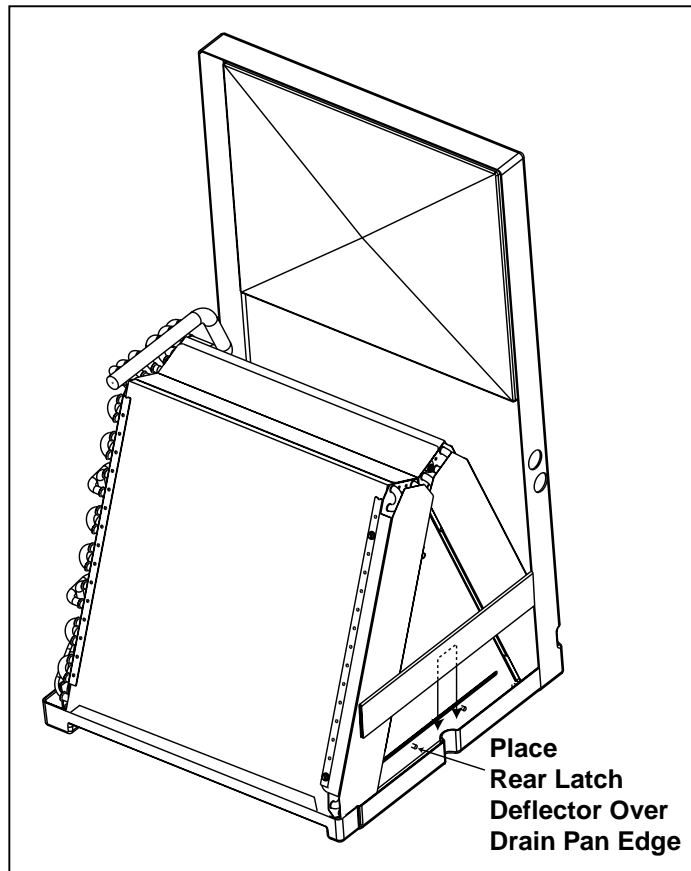
**Figure 5.**

**Horizontal RIGHT**



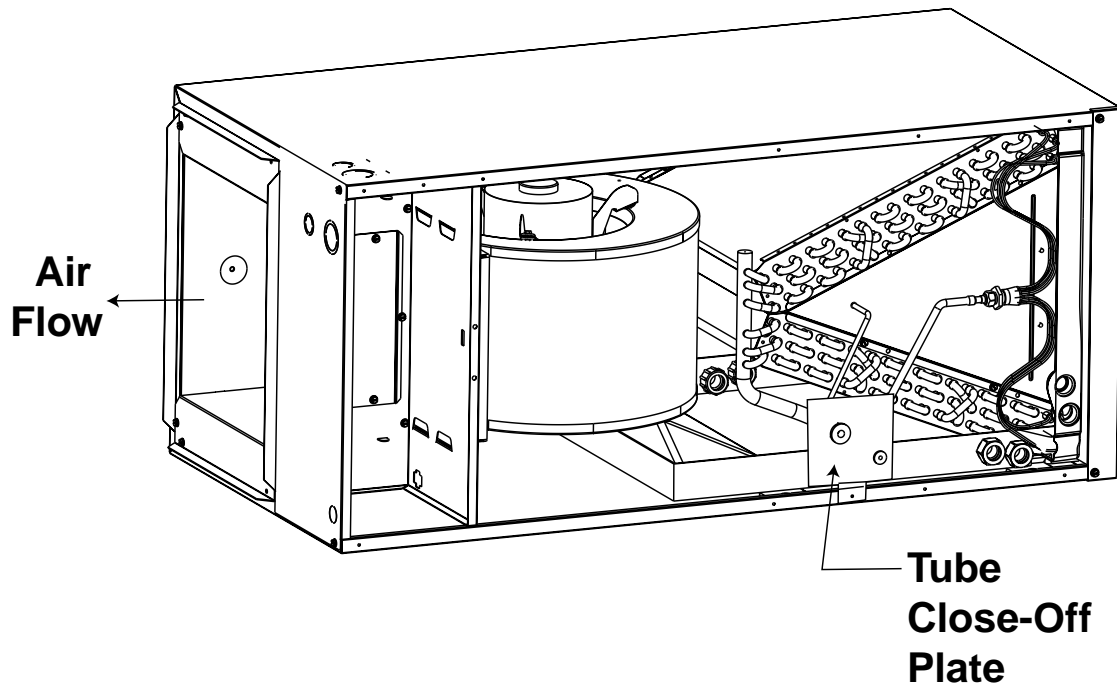
**Figure 5a.**

- b. Place tube close-off insulation gasket over the tubes and press onto the tube close-off plate so that it seats in the recessed area at that location.



**Figure 6.**

### Horizontal LEFT



### Horizontal RIGHT

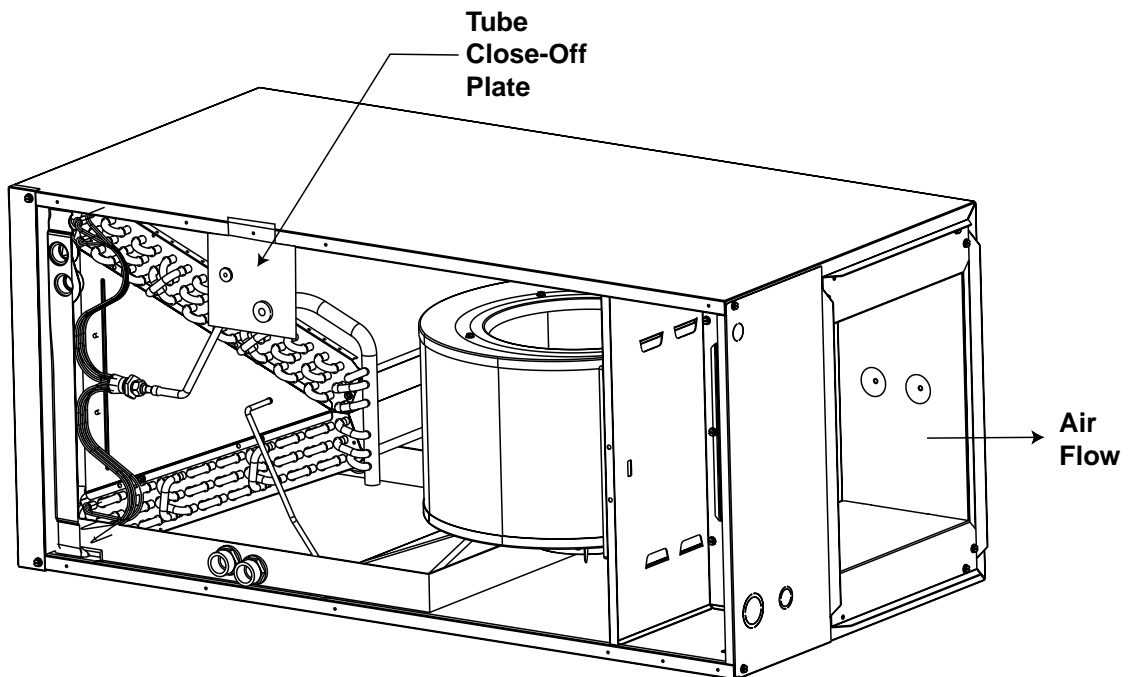


Figure 7.

**INSTALLER**  
**PLEASE LEAVE THESE**  
**INSTALLATION INSTRUCTIONS**  
**WITH THE UNIT OWNER.**



708100



O'Fallon, MO

**NORDYNE**

**7081000** (Replaces 7075890)

Specifications and illustrations subject to change  
without notice and without incurring obligations.  
Printed in U.S.A. (09/01)