

Cabinet Rear Extension Kit for ThinLine Vertical Fan Coils and Unit Heaters

Group: Applied Air Systems

Part Number: 910102148

Date: August 2009

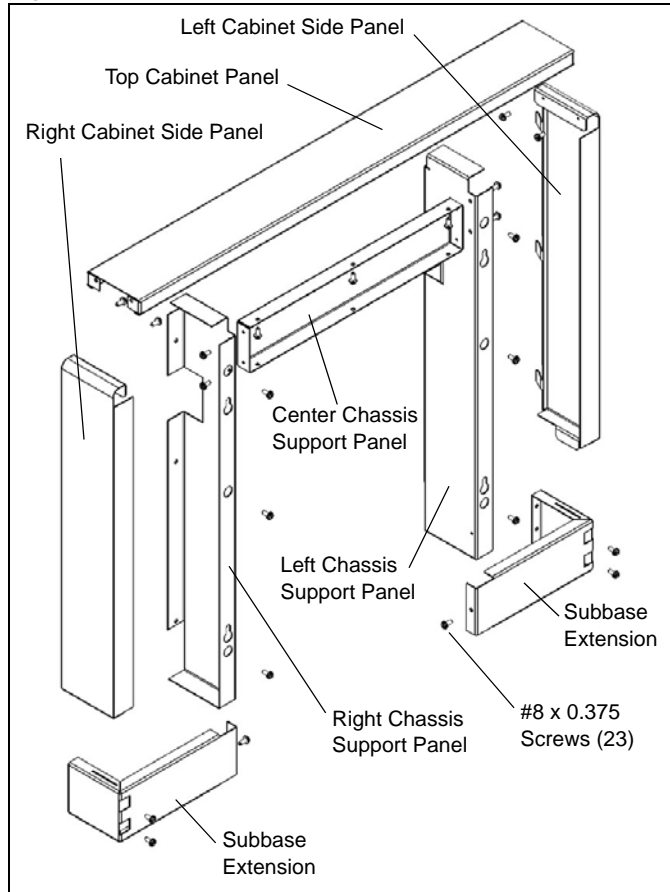
The field-installed cabinet rear extension option may be utilized to place the fan coil farther out from the wall than the standard unit allows.

Note: This option is not designed to be an air duct or outside air plenum.

NOTICE

Installation and maintenance are to be performed only by qualified personnel who are familiar with and in compliance with state, local and national codes and regulations, and experienced with this type of equipment.

Figure 1: Kit Components



Installation Instructions

DANGER

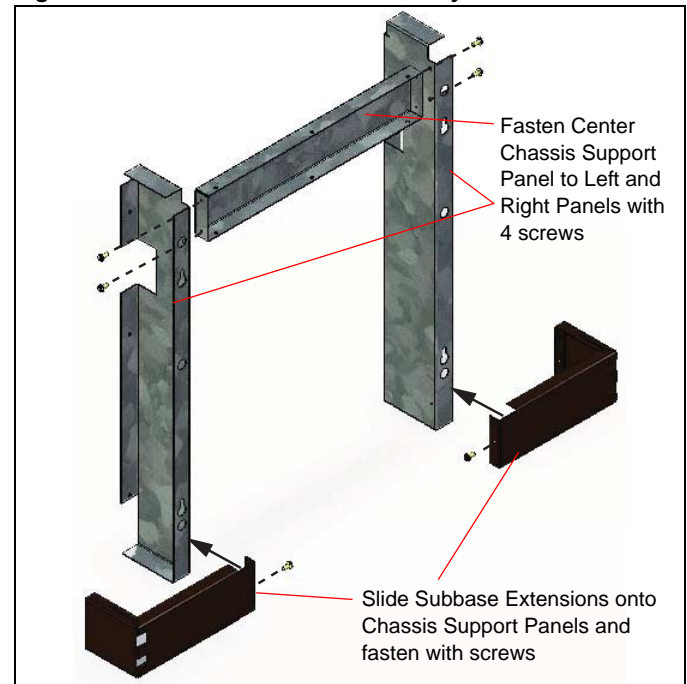
Electrical shock will cause severe injury or death. Disconnect all electrical power before servicing unit.

WARNING

Wear protective gloves to avoid possible cuts and abrasions from exposed edges. Avoid contact with sharp edges.

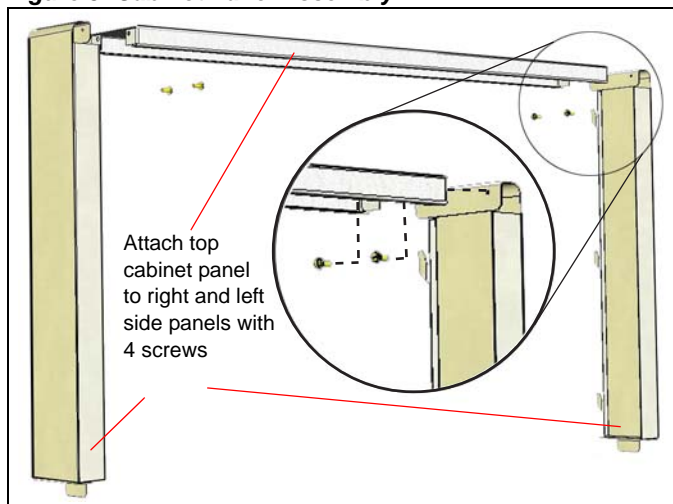
- 1 Locate all components and remove from carton. See [Figure 1](#). Kit includes:
 - Package of 23 screws - #8 x 0.375
 - Left and Right Chassis Support Panels
 - Center Chassis Support Panel
 - Top Cabinet Panel
 - Left and Right Cabinet Side Panels
 - 2 Subbase Extensions
- 2 Attach Center Chassis Support Panel to Right and Left Chassis Support Panels using 4 screws. See [Figure 2](#).

Figure 2: Chassis & Subbase Assembly



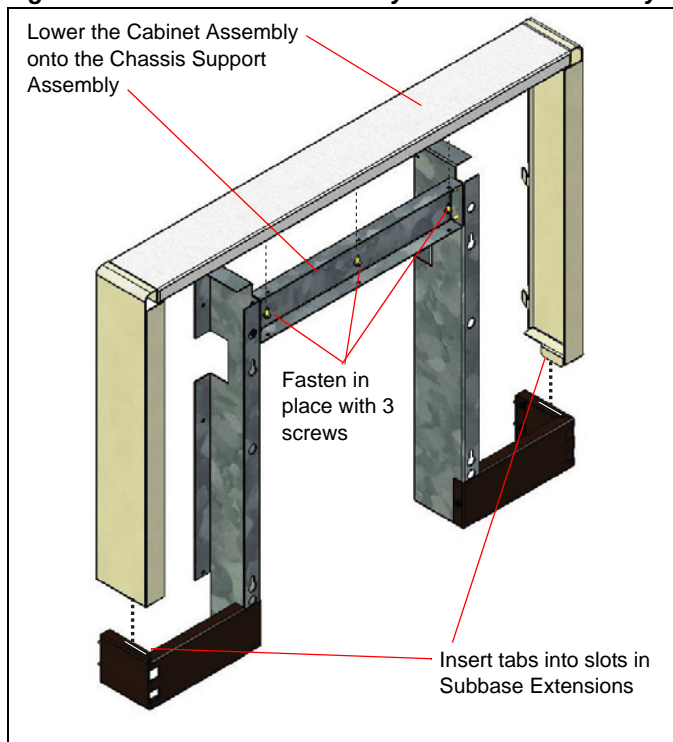
- 3 Attach Subbase Extensions to the Right and Left Chassis Support Panels using 1 screw in each. See [Figure 2](#).
- 4 Attach the Top Cabinet Panel to the Right and Left Cabinet Side Panels using 4 screws (2 on each side). See [Figure 3](#).

Figure 3: Cabinet Panel Assembly



- 5 Lower the Cabinet Assembly from step 4 onto the Chassis Support Assembly from step 3 (see [Figure 4](#)). Note that the tabs on the Cabinet Side Panels are inserted into the slots in the Subbase Extensions.
- 6 Use 3 screws to fasten the Top Cabinet Panel to the Center Chassis Support Panel.

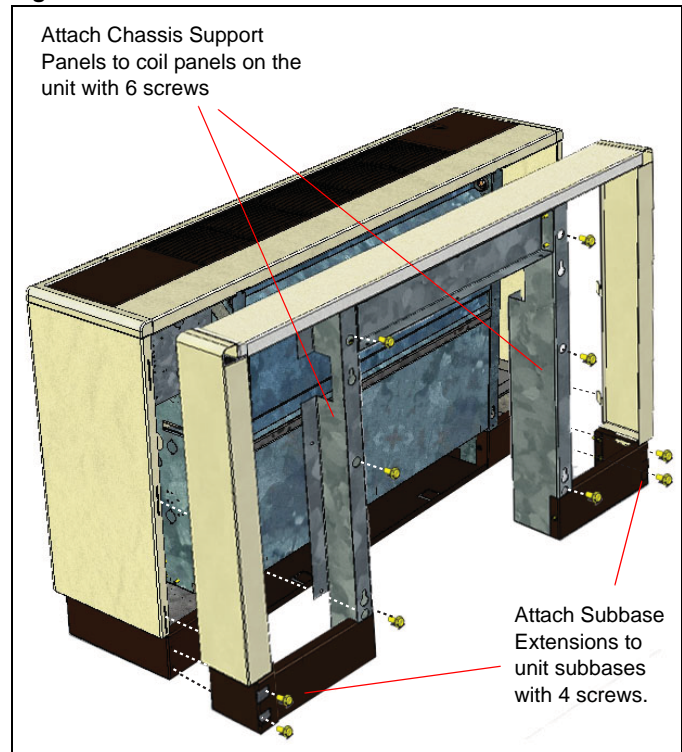
Figure 4: Attach Cabinet Assembly To Chassis Assembly



- 7 Attach extension to fan coil unit as follows (see [Figure 5](#)):

- a Attach the Subbase Extensions to the left and right subbases on the unit using 4 screws.
- b Attach the Left and Right Chassis Support Panels to the left and right coil panels on the fan coil unit using 6 screws.

Figure 5: Attach Extension To Unit



Some common applications for the rear cabinet extension include:

- Allow additional depth for appearance of unit.
- Allow additional clearance for cross-over piping and connections.
- Extend the discharge grille past drapery or wall hangings.
- Cover floor covering terminations in remodeling projects.
- Allow for piping entry through the side panels of the unit.