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Supersedes 02/09

HORIZONTAL SUPPORT FRAME KIT

INSTALLATION INSTRUCTIONS FOR SUPPORT FRAME KIT (56J18) IN HORIZONTAL APPLICATIONS - USED WITH VARIOUS AIR HANDLERS AND GAS FURNACES

Shipping & Packing List

Package 1 of 1 contains:

- 2 - Support frame side channels
- 2 - Support frame end channels
- 1 - Bag assembly containing:
 - 8-#10-32 x 1/2 screws
 - 8-#10-32 lockwashers
 - 8-#10-32 nuts

Application

The horizontal support frame kit provides full length external cabinet support for various air handlers installed in horizontal applications. This application includes not only units suspended in attics or crawl spaces, but also units installed on blocks or bricks.

NOTE - The length of some air handlers will exceed the length of the support by as much as 6 inches. In such cases, center the support frame so that the air handler overlaps equally on each end.

Installation

⚠ CAUTION

Unit access panels provide necessary cabinet support. Panels must be in place when unit is moved in any way.

The support frame side and end channels are equipped with holes to allow different applications. See figure 1 for hole identification on each particular application.

See unit installation instructions for typical installation applications.

NOTE - Service and access clearances must be considered before installing unit.

Furnace Application

Using screws, lockwashers and nuts (provided in kit), assemble support frame as shown in figure 1 for furnace applications. Center unit on the frame so that panels are not obstructed by suspension rods.

⚠ CAUTION

Unit must be secured to frame assembly before lifting to prevent damage or injury.

Outer frame holes are provided if lifting of the unit and frame assembly is required. Field-provided eyebolts should be used for lifting.

When support frame is used to suspend unit, 3/8" suspension rods (field provided) should be used. Use angle iron supports to divide unit's weight among several joists or rafter (see figures 1 and 2).

Frame provides full length cabinet support when used in applications where unit is mounted on blocks or bricks (see figure 3). In all cases, care must be taken to make sure that unit is level to ensure proper drainage.

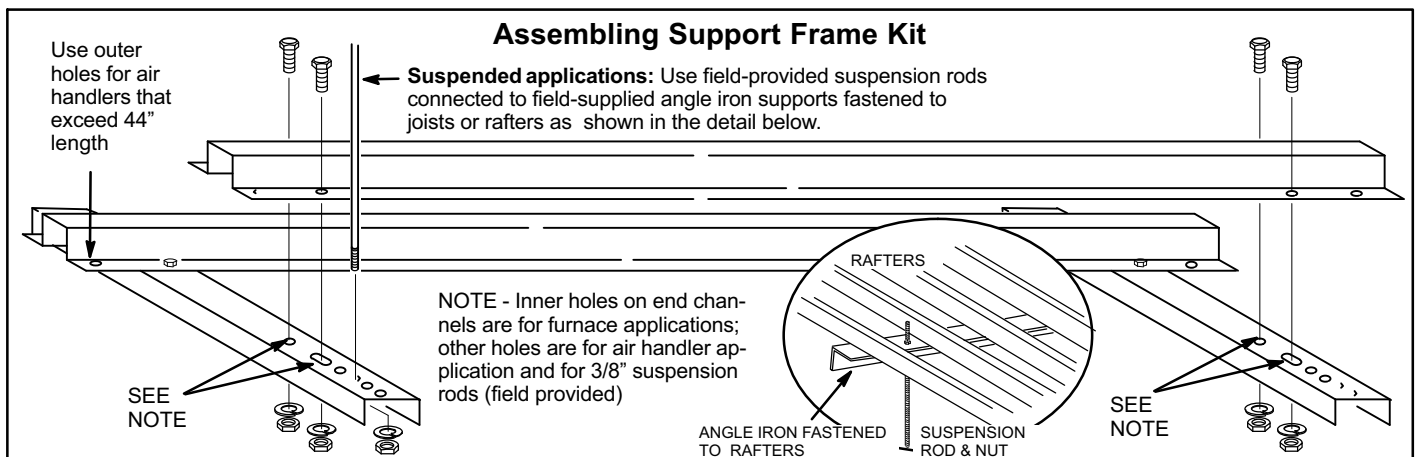


Figure 1

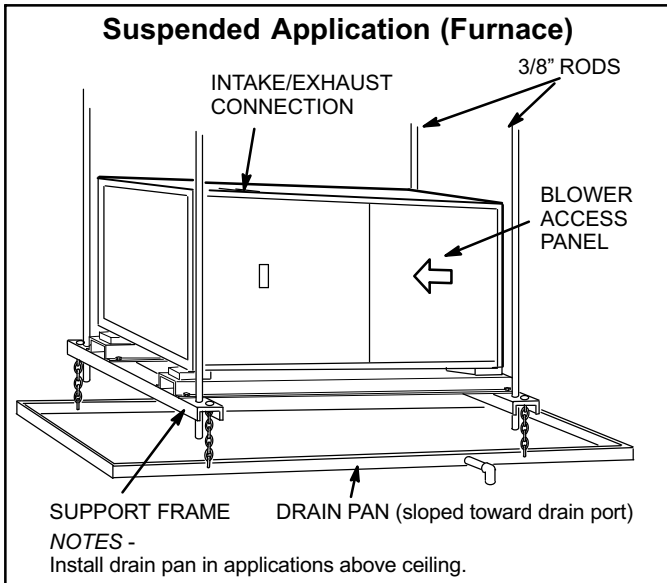


Figure 2

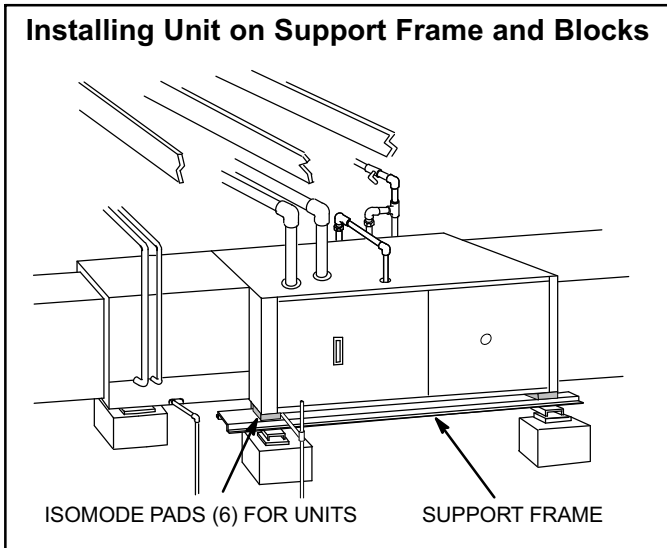


Figure 3

Air Handler Application

Using screws, lockwashers and nuts (provided in kit), assemble support frame as shown in figure 1 for air handler applications.

Outer and inner frame holes on side channels are provided for connecting the frame, depending on the length. For air handlers 44" in length or less, use the inner holes; if greater than 44" length, use the outer holes (shown in figure 1).

If lifting of the unit and frame assembly is required, use field-provided eyebolts in the outer frame holes on end channels.

When support frame is used to suspend unit, 3/8" suspension rods (field-provided) should be used.

Center unit on the frame so that panels are not obstructed by suspension rods. Make sure rods do not interfere with drain outlets. See figure 4.

! IMPORTANT

Be sure components that emit and collect condensate are sloped appropriately toward their drain ports. Refer to the unit's installation instructions for proper slope specifications and other details.

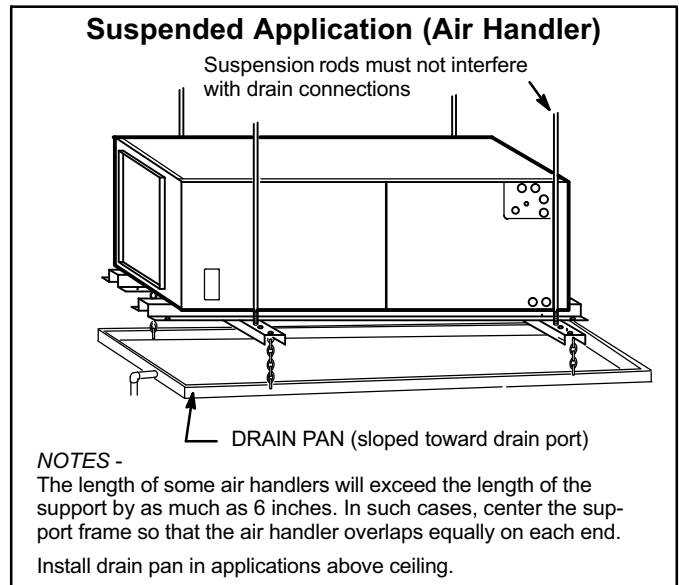


Figure 4