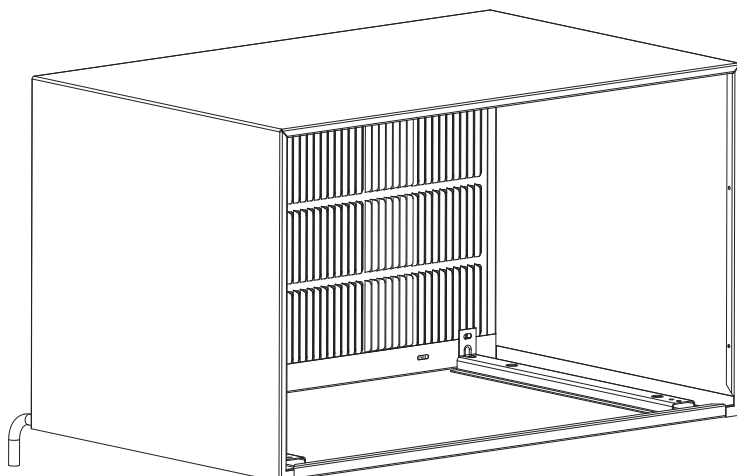


TTW Wall Sleeve

Installation Instructions



General Notes

The wall sleeve must be installed before the air conditioner chassis can be set in place. Read the instructions thoroughly before proceeding.

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RECOGNIZE THIS SYMBOL AS A SAFETY WARNING

ATTENTION STILLING PERSONS

As a professional installer you are a professional to the product manufacturer and the customer. This includes all safety precautions and related items.

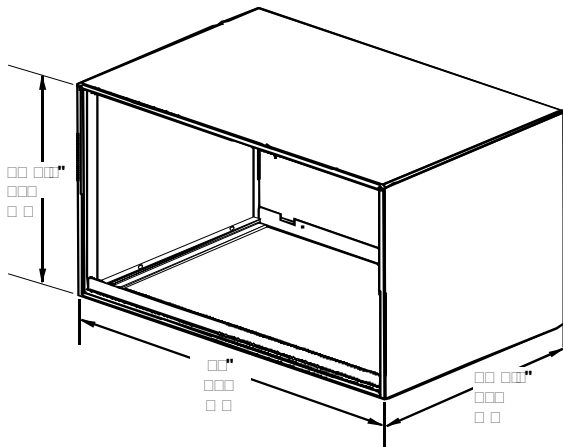
Prior to actual installation thoroughly familiarize yourself with this Instruction Manual. Pay special attention to all safety warnings. Once during installation or repair it is possible to place yourself in a position which is more hazardous than the unit is in operation.

Remember it is your responsibility to install the product safely and to the best of your ability to the safe use.

Safety is a matter of common sense...a matter of common sense before action. Most dealers have a list of specific good safety practices...follow them.

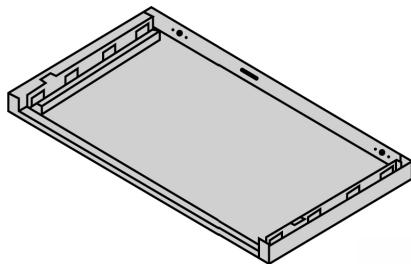
The precautions listed in this Installation Manual are intended as supplementary to existing practices. However, there is a direct conflict between existing practices and the code of this manual the precautions listed here take precedence.

Wall Sleeve Dimensions

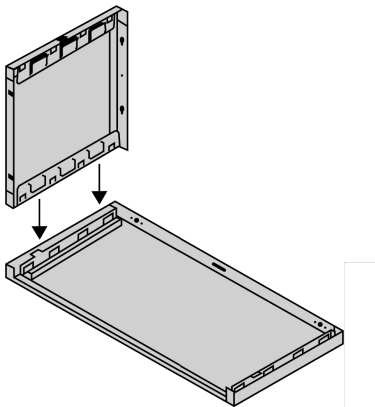


Install the Wall Sleeve

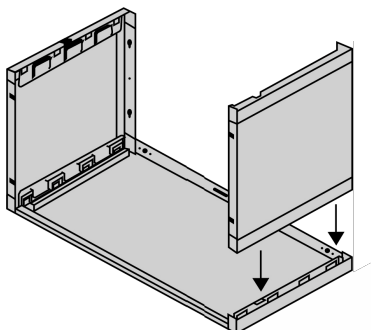
1. Set bottom panel on a flat clean surface.



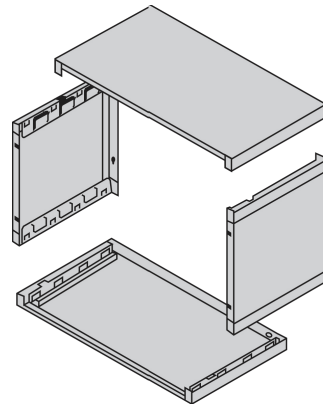
2. Locate Left Side panel. Align panel in the Left bottom panel slot. Pull inserter on bottom panel until locked as shown.



3. Locate Right Side panel. Align panel in the Right bottom panel slot. Pull inserter on bottom panel until locked as shown.



4. Locate top panel. Align top panel slots in the Right and Left Side panels. Pull inserter on panel into Right and Left Side panels until locked as shown.



5. Required: Attach the carrier to the rear of assembled wall sleeve in four positions provided.

Installing Rear Grille

1. The two mounting tabs on the grille edge should be positioned upward.

2. Insert grille mounting tabs into the slots in the top flange of the wall sleeve. (Figure 8)

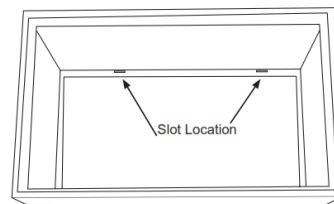


Figure 8
Mounting Slot Locations

3. Line up the two holes in the bottom wall sleeve flange with the screw bosses in the grille. (Figure 9) Tighten two screws provided secure grille to wall sleeve from inside of the wall sleeve.

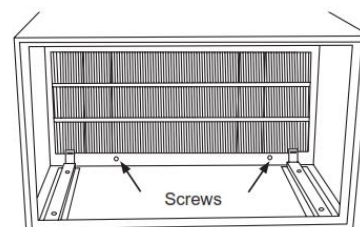


Figure 9
Mounting Screw Locations

Prep Work to Consider to

Before proceeding with the sleeve installation, ensure the following guidelines for locating the wall opening and sleeve are met:

The opening must be the correct size. See Figure 1 for wall sleeve dimensions and Figure 2 for minimum wall opening size.

The wall sleeve must be installed in a minimum clearance to the floor and 2" to adjacent walls. See Figure 2 for minimum projections of the sleeve into and out of the room.

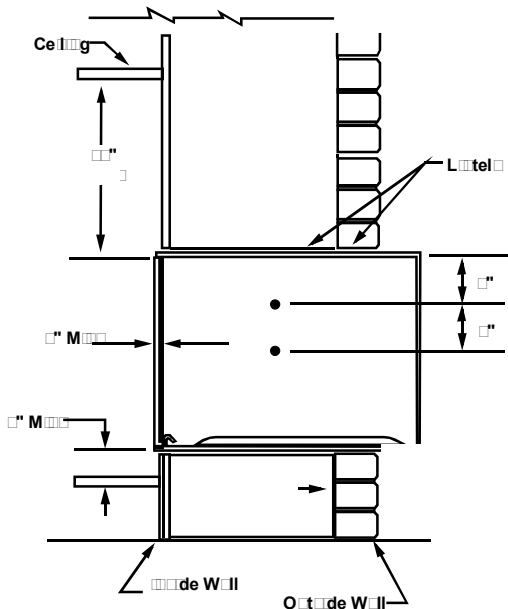


Figure 1
Minimum Wall Opening Clearance

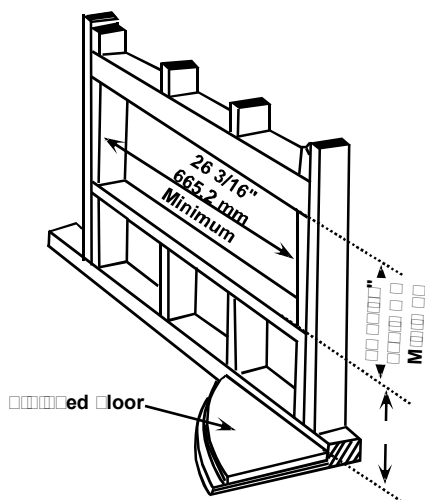


Figure 2
Minimum Wall Opening Dimensions

If installed in a concrete or masonry wall, a lintel must be provided in the wall opening for support. Do not use the wall itself as a lintel. If the wall is less than 8 inches or 200 mm thick, construct an alternate means of support for the sleeve must be provided. See Figure 3 for a typical lintel construction.

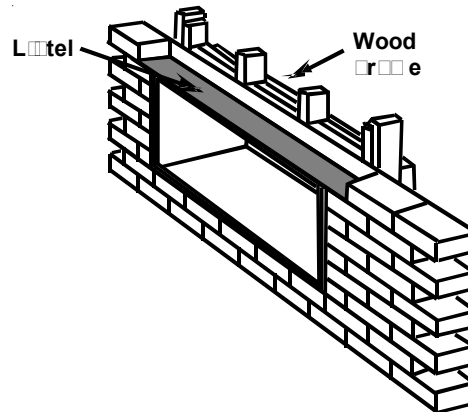


Figure 3
Typical Lintel

If installed in the opening, the wall sleeve must be level from side to side and sloped one quarter inch to two feet. DO NOT SLOPE IN ALL DIRECTIONS. See Figure 4.

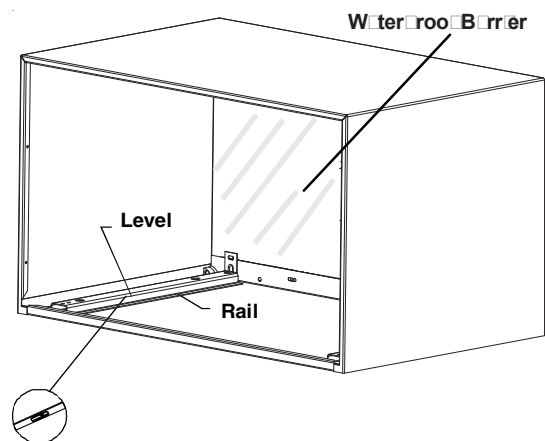


Figure 4
Sleeve Leveling

Pre-Install to Considerations (cont.)

After rooftop carrier should remain in place until the unit is installed. An accessory metal rooftop panel is available and sold separately.

- Attach the sleeve using four 2x2 wood screws (for wood constructed buildings) or four 2x2 masonry screws (for cement or brick constructed buildings) (Figure 9). Make sure the wall construction is adequate to support the unit.

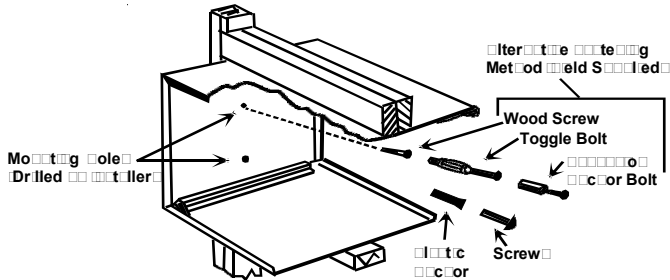


Figure 9
Attaching Wall Sleeve to Rooftop Carrier

- Provide adequate sealing and insulation around the sleeve after it is installed. See Figure 10 for one example of construction.

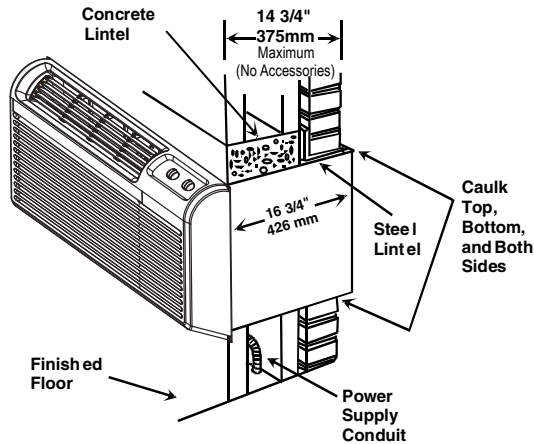


Figure 10
Blocked Brick Veneer Installation

- Do not use extension cords with the unit.

Wall Sleeve Installation

After the wall opening is completed and approved for structural location, size and clearances, install the wall sleeve as follows:

1. Remove the outside enclosure panel from the wall sleeve.
2. Slide the wall sleeve into the wall opening. Do not distort the casing plate to force the wall opening. The unit chassis must sit snug and uniform into sleeve.
3. Locate the sleeve in the range of minimum projection to the casing as shown in Figure 2 so both sides are at least the minimum projection from the wall.
4. Check the level of the wall sleeve. For proper drainage, the sleeve should be level from side to side and one quarter circle round each (outside).
5. Drill two holes in both sides of the wall sleeve so mounting screws can be secured to wall supports. See Figure 11 for location of screw holes. **DO NOT DRILL THROUGH BOTTOM OF SLEEVE.**
6. Check the level of the wall sleeve and adjust pieces as necessary.
7. Caulk or seal around the outside of the entire sleeve.
8. If the unit chassis is to be installed immediately, replace the enclosure panel on the outside of the wall sleeve to limit weather damage to the building interior.

Condensate Drain

A condensate drain line is included. (Figure 11) Attached to bottom rear flange of wall sleeve with two screws provided. For internal drain applications, install internal drain kit (sold separately) prior to installing the wall sleeve in the wall. See the drain kit for actual installation instructions.

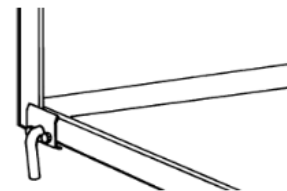


Figure 10
Condensate Drain