

## Preparations for Installation

**Tools Needed:**

Flat Screwdriver  
Phillips Screwdriver  
Tape Measure  
Level  
Drill

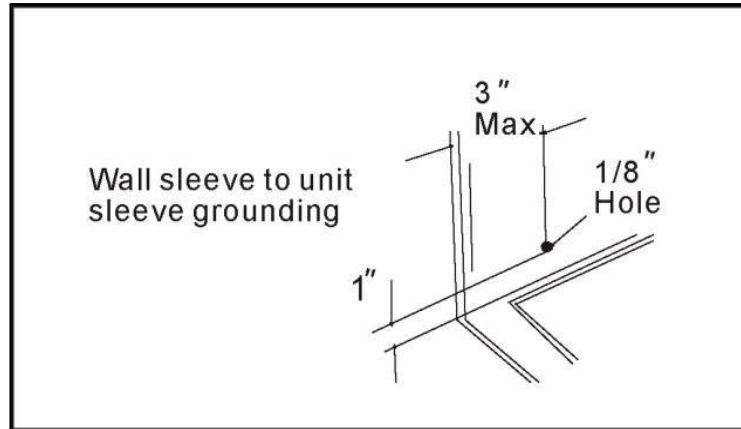
NOTE: To avoid risk of injury and/or product/property damage, please take the following precautions:

- Two or more people are needed to properly handle and install.
- Use proper lifting and carrying techniques.
- Before installation, ensure the wall and sill are able to handle the weight and size of this unit.
- Wearing protective gloves will help to avoid injury from sharp edges.

Before you begin, make sure you have all the parts necessary for installation.

Name	Spec.	Qty
Tapered Spacer Blocks	17" Long	2
Centering/Support Blocks	4 1/2" x 3 1/2" x 1 1/2"	4
Plastic Divider	1/8" x 4 1/2" x 14 1/2"	2
Stuffer Seal	1" x 1 1/2" x 84"	1
Seal	1" x 1 1/2" x 25"	3
Seal	1" x 1 1/2" x 14"	2
Seal	1" x 3/8" x 25"	3
Seal	1" x 3/8" x 14"	2
Seal	1" x 3/4" x 14"	2
Trim frame (side legs)		2
Trim Frame (top & bottom legs)		2
Ground Wire (green)		1
Toothed Washer for grounding screw		2
Grounding Screw		1
Grille (plastic)		1
Grille Aluminum		1
Nuts (plastic)		4
Screw Washer		4
Screw		4

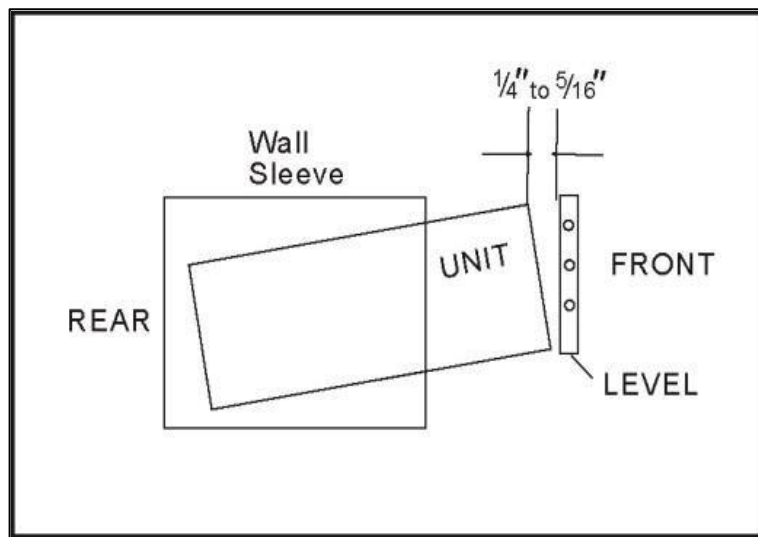
## Wall Sleeve Preparations



### ***Assembling the Koldfront Sleeve***

1. Using the grounding screw and toothed washer, drill a 1/8" clearance hole (for the grounding screw) in a clear area about 3 inches back from the front edge of the sleeve through the left side.
2. Pull the loose end of the ground wire (green) out of the front of the sleeve.
3. Temporarily bend it down and around the lower edge of the sleeve.
4. This ground wire will later be attached to the frame of the Air Conditioner once it is installed.

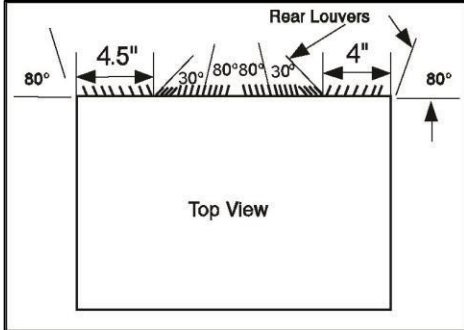
**CAUTION:** When installation is complete, the replacement unit **MUST** have a rearward slope as shown in the image to the left.



## Installation Instructions

### *Installing the Cabinet into the Wall*

Follow the steps listed below to install the cabinet into the wall



1. Remove existing rear grille as shown on Page 4 of this manual and replace with provided louvered rear panel.
2. Attach (1) 1" x  $\frac{3}{8}$ " x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
3. Attach (2) 1" x  $\frac{3}{8}$ " x 14" seals to the left and right sides of the sleeve.
4. Attach (2) 1" x  $\frac{3}{4}$ " x 14" long seals vertically 4  $\frac{1}{2}$ " from the left side of the sleeve. Attach the other 1" x  $\frac{3}{4}$ " x 14" long seal 4" from the right side of the sleeve.
5. Center unit and gently slide unit into sleeve.
6. Before sliding all-the-way back, remove 2nd screw from front on left side of unit.
7. Remove the plastic washer from the screw.
8. Screw and attach the other end of the ground wire to the unit as shown in picture. Make sure that the toothed washer is against the cabinet.
9. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.

### *Installing the Grille*

**NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.

This unit's increased performance characteristics result from having two rear air intakes. It is very important that these installation instructions are followed so your unit can operate at a maximum efficiency. If this is an existing sleeve, and there is an existing rear grille, it needs to be replaced by one that has been shipped with the unit in the accessory kit.

**NOTE:** For increased efficiency, utilize the provided louvered rear panel.

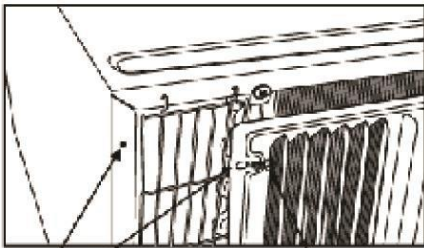
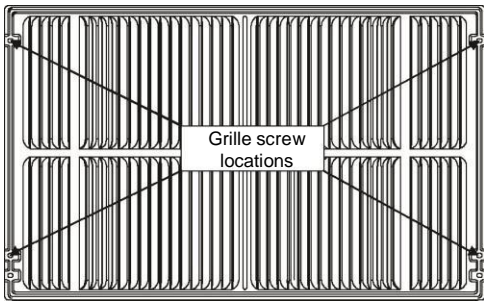
1. Remove the existing grille.
2. Place the grille included with the new air conditioner towards the rear of the sleeve.
3. Mark through the hole positions.
4. Drill through the sleeve's flanges with a  $\frac{1}{8}$ " drill bit.
5. Attach the new grille with self-threading screws and washers.
6. It is VERY IMPORTANT that the grille is placed exactly as shown below.
7. Most decorative exterior grilles may be left in place as long as the proper interior air direction grille is installed.

## Direct Unit Mounting

The previous directions are the preferable way to mount the new rear grill. The unit's performance is slightly better and the possibility of draughts is reduced. As a last resort, direct mounting of the grille to the unit can be considered.

NOTE: The grille must be installed prior to inserting the unit into the sleeve.

1. Attach the (2) seal pieces (1" x  $\frac{3}{8}$ " x 14") as shown below.
2. Position the grille over the rear of the unit, making sure that:
  - a. The double set of screw holes are at the bottom.
  - b. The fins of the grill are pointed away from the unit.
3. Align the top of the grille with the top of the unit. The overhang on each side is equal.
4. If the unit has not been pre-drilled (some models), carefully drill four  $\frac{1}{8}$ " holes through the grille and into the side flange of the unit approximately 1  $\frac{1}{2}$ " to 2" from the top and bottom as the images below. (Be careful not to drill into the copper heat exchanger coils.)
5. Install (4) #8 self-tapping screws to affix the grille to the unit.
6. Insert the unit into the sleeve.



### Completing Installation

1/8" Hole, Grille,  
and Flange

#8 Screw

### Completing Installation

1. Install the 1" x 1  $\frac{1}{2}$ " x 84" long stuffer-seal between the wall-sleeve and the unit. A flat-bladed screwdriver or putty knife is recommended.
2. Assemble the trim frame by inserting top and bottom pieces into side pieces and snapping into place.
3. Pull cord through trim frame then slide over unit until flush with wall.

