

# Installation Instructions: 8,000-12,000 BTU TTW

## Do This First (for existing sleeve)

Note that the air conditioner dimensions are: 24" wide, 14½" high, and 18½" deep (without front). Install Air Conditioner according to these installation instructions to achieve the best performance. Save these installation instructions for future reference.

## Items in Kit

You may not need all parts in the kit. Discard unused parts.

		Qty.
Tapered Spacer Blocks	17" Long	2
Centering/Support Blocks	4½" x 3½" x 1½"	2
Plastic Divider	1/8" x 4½" x 14½"	1
Stuffer Seal	1" x 1½" x 84"	1
Seal	1½" x 1½" x 26½"	2
Seal	1½" x 1½" x 14"	2
Seal	1½" x 3/8" x 26½"	2
Seal	1½" x 3/8" x 14"	2
Seal	1" x 3/4" x 14"	1
Trim Frame (side legs)		2
Trim Frame (top & bottom legs)		2
Ground Wire (green)		1
Nut for grounding screw		1
Grounding Screw		1
Grille (plastic)		1
Nuts (plastic)		4
Screw w/washer		4

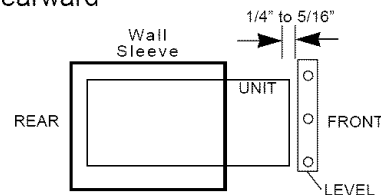
## How to Install

1. Identify the wall-sleeve brand for your installation, from the chart below.

Brand	Wall Sleeve Dimensions (inches)				
	Width	Height	Depth		
White-Westinghouse Frigidaire Carrier (52F Series) General Electric/ Hotpoint Whirlpool	} 25½	15¼	16, 17½ or 22		
Fedders/Emerson			27	16¾ 16¾ or 19¾	
Sears/Kenmore			25¾	16⅞	18⅝
Emerson/Fedders			26¾	15¾	15
Carrier (51S Series) Friedrich			25¾ 27	16⅞ 16¾	18⅝ 16¾

**NOTE:** All wall sleeves used to mount the new Air Conditioner must be in sound structural condition and have a rear grille that securely attaches to sleeve, or rear flange that serves as a stop for the Air Conditioner.

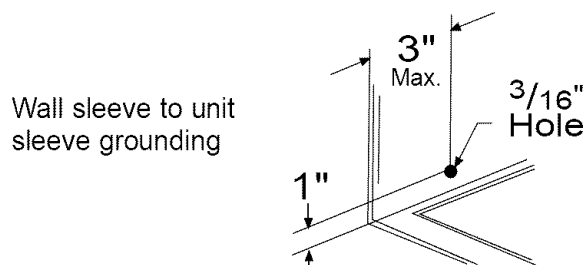
**CAUTION:** When installation is complete, replacement unit **MUST** have a rearward slope as shown.



2. Remove old Air Conditioner from wall sleeve and prepare wall sleeve as follows:

- Clean interior (do not disturb seals).
- Wall sleeve must be securely fastened in wall before installing Air Conditioner. Drive more nails or screws through sleeve, into wall, if needed.
- Repair paint if needed.

3. If not existing, drill a 3/16" clearance hole for grounding screw through left side of wall sleeve, in a clear area about 3 inches maximum (to suit) back from front edge of sleeve as shown below. Next attach ground wire inside sleeve, using grounding screw and nut. Pull loose end of ground wire out front of sleeve, and temporarily bend it down and around lower edge of sleeve.



4. Prepare the wall sleeve for installation of the new unit per the following Brand instructions.

#1 Emerson	15" Deep
#2 Fedders	19¼" Deep
#3 Fedders or Friedrich	16¾" Deep
#4 General Electric/Hotpoint	16⅞" Deep
#5 Sears or Carrier (51S Series)	18⅝" Deep
#6 Whirlpool	17⅞" Deep
#7 Whirlpool	23" Deep
#8 White-Westinghouse/Frigidaire/ Carrier (52F Series)	16" + 17½" Deep
#9 White-Westinghouse/Frigidaire	22" Deep

5. Install new unit into wall sleeve.

6. To attach ground wire to the new unit, remove the screw from the left side front.

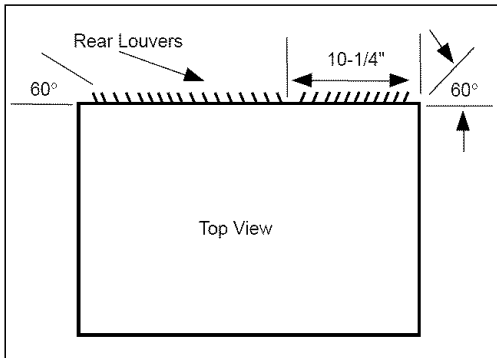
7. Assemble and install the Trim Frame (see instruction).

P/N 66121627

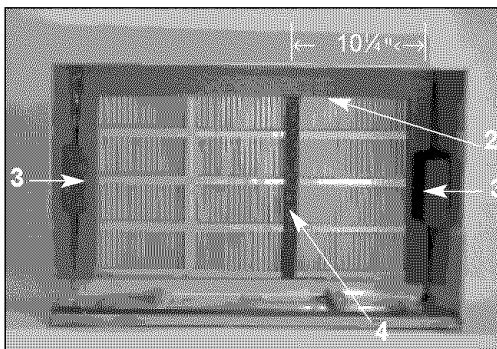
## Wall Sleeve Brands:

## #1 Emerson

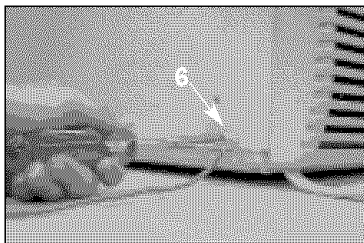
15" Deep



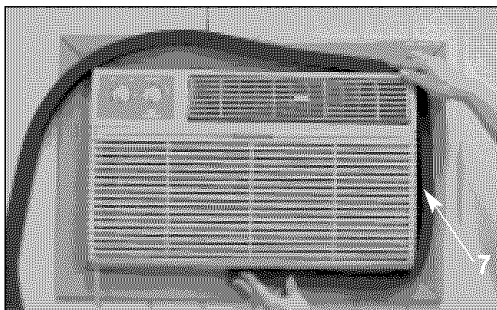
1. Redirect the louvers at the back of the wall sleeve as shown in the illustration. The use of pliers is recommended.



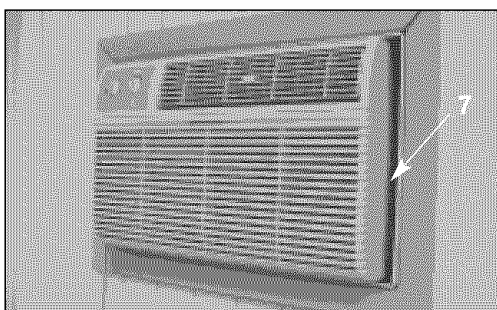
2. Attach (1) 1½" x 3/8" x 26½" long seal as shown in the illustration.
3. Attach the (2) 1½" x 3/8" x 14" long seals, to the inside of the louvered pane. Install the seals as shown in the illustration.
4. Cut the 1½" x 3/8" x 26½" long seal to 14" long, and attach it to the inside of the louvered panel as shown in the illustration. Attach the (2) 4½" x 3½" x 1½" Centering/Support Blocks, one on each side wall, to the inside of the sleeve with the Tapped End facing the opening. These (2) blocks should be located approximately in the center of the side walls. To attach the blocks remove the backing paper from the blocks. Do not touch adhesive on the blocks. Press the blocks firmly in place.



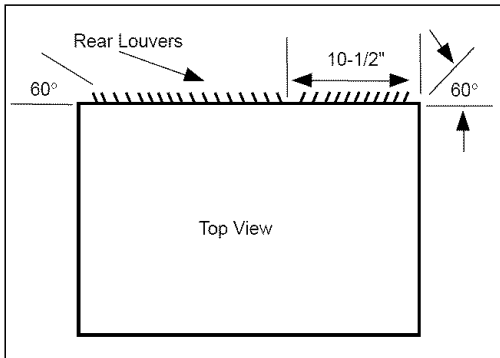
5. Install the new unit into the wall sleeve.
6. Attach the ground wire to the unit as shown.



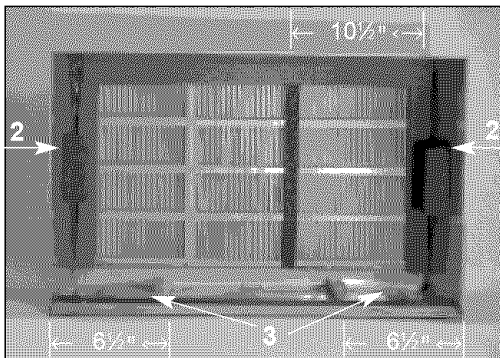
7. Install the 1" x 1½" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.



8. Assemble and install the Trim Frame. (see Trim Frame)

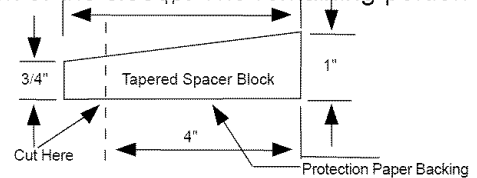


1. Redirect the louvers at the back of the wall sleeve as shown in the illustration. The use of pliers is recommended.

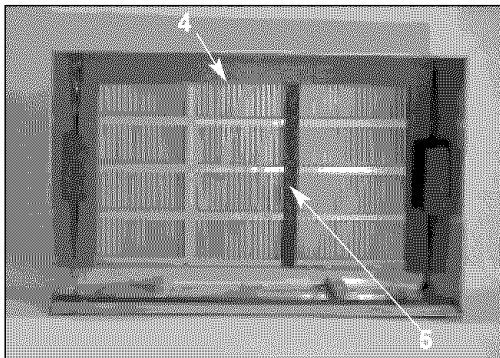


2. Attach the (2) 4<sup>1</sup>/<sub>2</sub>" x 3<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" Centering/Support Blocks to the inside of the walls of the wall sleeve as illustrate with tapered end facing the opening of sleeve. These (2) blocks should be located approximately in the center of the side walls. To attach the blocks remove the backing paper from the blocks. Do not touch adhesive on the blocks. Press the blocks firmly in place.

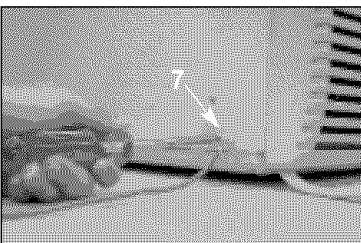
3. Cut (2) 17" Tapered Spacer Blocks and install as shown in the illustration. The 4" portion to be placed in front of the rib on base and tapered end facing the back of the sleeve. The remaining portion to be placed behind the rib.



4. Attach (1) 1<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" x 26<sup>1</sup>/<sub>2</sub>" long seals and the (2) 1<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" x 14" long seals as shown in the illustration.  
 5. Cut (1) 1<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" x 26<sup>1</sup>/<sub>2</sub>" long seal to 14" and attach to inside of the louvered panel as shown in the illustration.

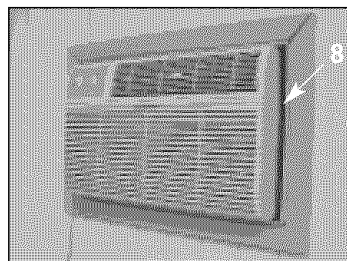
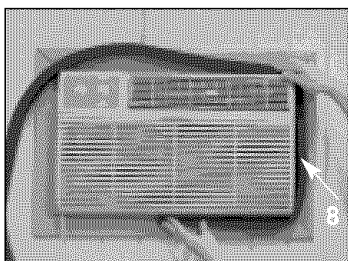


6. Install the new unit into the wall sleeve.

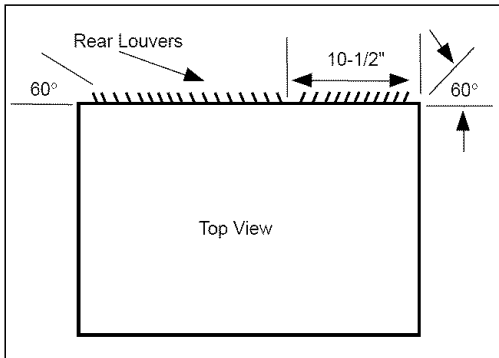


7. Attach the ground wire to the unit as shown.

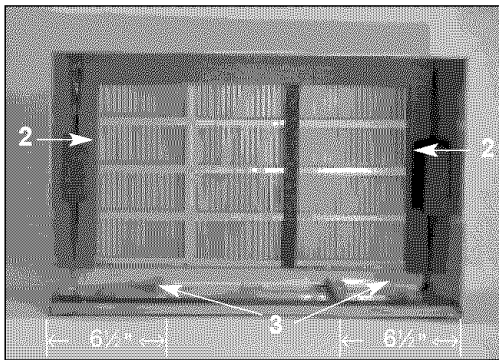
8. Install the 1" x 1<sup>1</sup>/<sub>2</sub>" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.



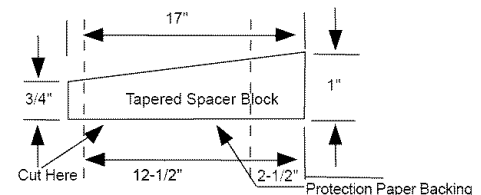
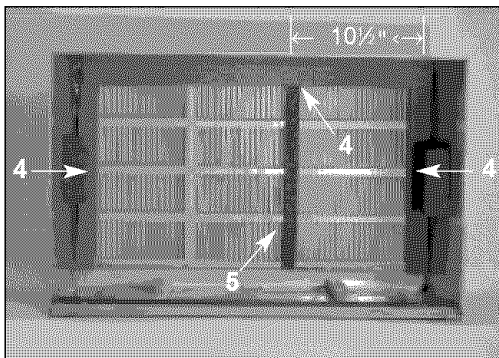
9. Assemble and install the Trim Frame. (see Trim Frame)



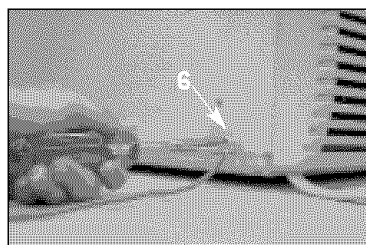
1. Redirect the louvers at the back of the wall sleeve as shown in the illustration. The use of pliers is recommended.



2. Attach (2) 4<sup>1</sup>/<sub>2</sub>" x 3<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" Centering/Support Blocks to the inside of the walls of the wall sleeve as illustrated with tapered end facing the opening of the Sleeve. These (2) blocks should be located approximately in the center of the side walls. To attach the blocks remove the backing paper from the blocks. Do not touch adhesive on the blocks. Press the blocks firmly in place.
3. Cut (2) 17" Tapered Spacer Blocks and install as shown in the illustration. The 4" portion to be placed in front of the rib on base and tapered end facing the back of the sleeve. The remaining portion to be placed behind the rib. The 2<sup>1</sup>/<sub>2</sub>" portion to be placed in front of the rib on the base with the tapered end facing the back of the sleeve. Cut the remaining portion to 12<sup>1</sup>/<sub>2</sub>" and place behind the rib with the tapered end facing the back of the sleeve.

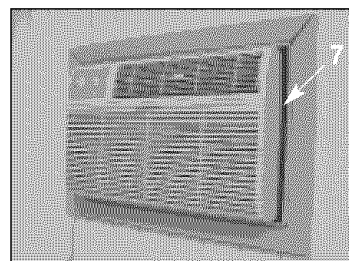
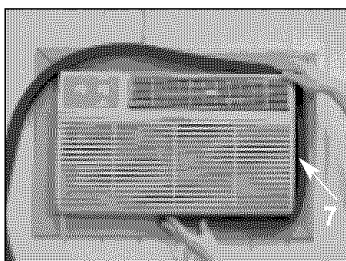


4. Attach (1) 1<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" x 26<sup>1</sup>/<sub>2</sub>" long seals and the (2) 1<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" x 14" long seals as shown in the illustration.
5. Cut (1) 1<sup>1</sup>/<sub>2</sub>" x 1<sup>1</sup>/<sub>2</sub>" x 26<sup>1</sup>/<sub>2</sub>" long seal to 14" and attach inside of the louvered panel as shown in the illustration.

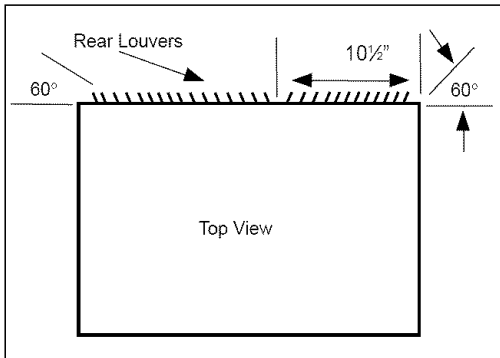


6. Install the new unit into the wall sleeve.  
Attach the ground wire to the unit as shown.

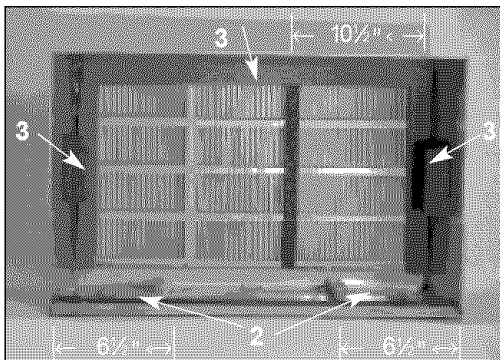
7. Install the 1" x 1<sup>1</sup>/<sub>2</sub>" x 84" long stuffer seal between the wall sleeve and the unit.  
A flat bladed screwdriver or putty knife is recommended.



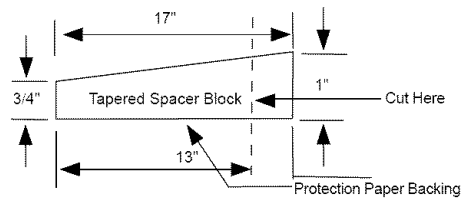
8. Assemble and install the Trim Frame.  
(see Trim Frame)



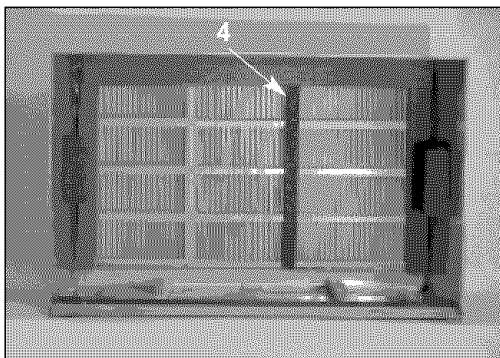
1. Redirect the louvers at the back of the wall sleeve as shown in the illustration. The use of pliers is recommended.



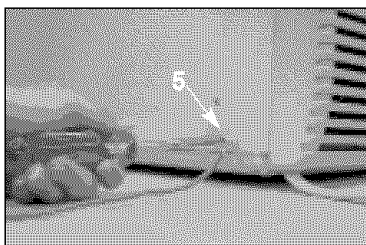
2. Cut (2) 17" Tapered Spacer Blocks to 13" and install as shown in the illustration with the tapered end 1/2" from the back of the sleeve.



3. Cut (1) 1 1/2" x 3/8" x 26 1/2" long seals to 25" long attach as shown. Attach (2) 1 1/2" x 3/8" x 14" long seals as shown in the illustration.

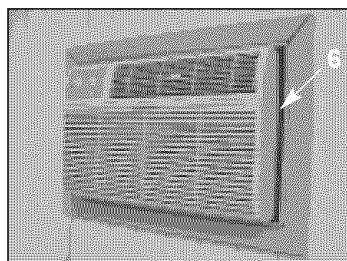
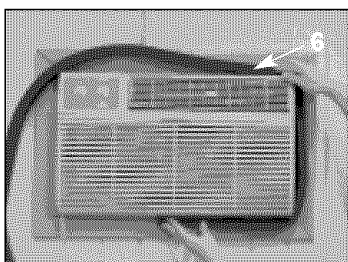


4. Attach 1" x 3/4" x 14" long seal to the louvered panel as shown in the illustration.



5. Install the new unit into the wall sleeve. Attach the ground wire to the unit as shown.

6. Install the 1" x 1 1/2" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.

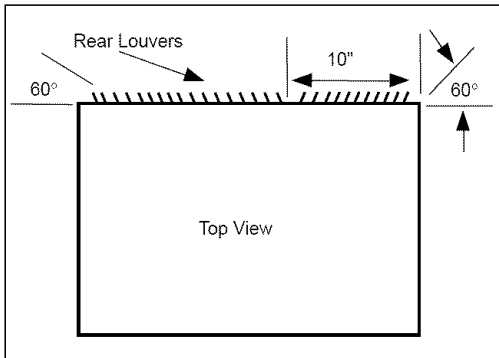


7. Assemble and install the Trim Frame. (see Trim Frame)

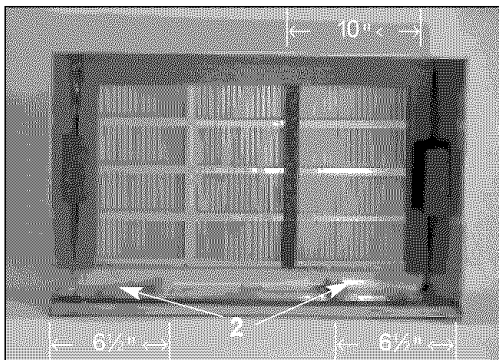
# Wall Sleeve Brands:

## #5 Sears or Carrier (51S Series)

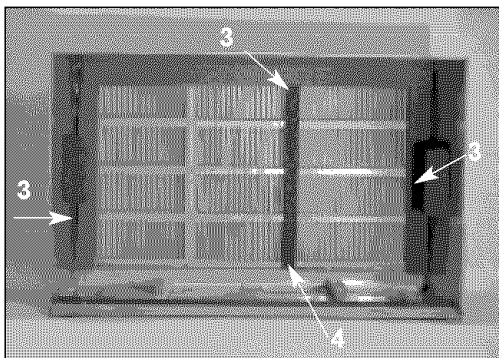
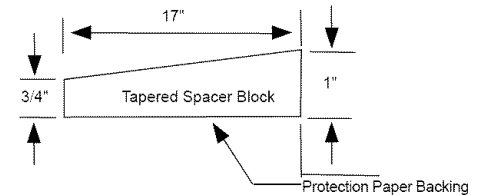
18<sup>5</sup>/<sub>8</sub>" Deep



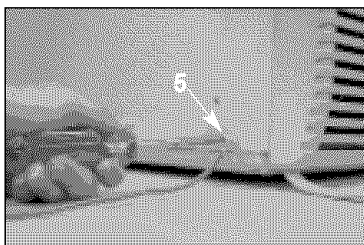
1. Redirect the louvers at the back of the wall sleeve as shown in the illustration. The use of pliers is recommended.



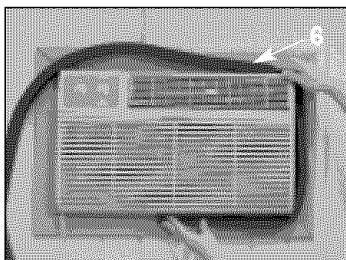
2. Attach (2) Tapered Spacer Blocks to the inside of the wall sleeve as shown in the illustration. DO NOT CUT THESE BLOCKS.



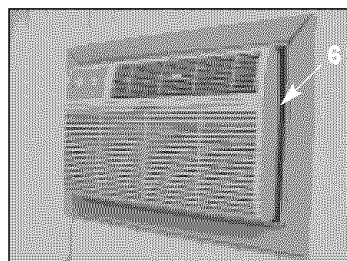
3. Attach the (1) 1 1/2" x 3/8" x 26 1/2" long seals and the (2) 1 1/2" x 3/8" x 14" long seals as shown in the illustration.  
4. Attach the 1" x 3/4" x 14" long seal to inside of the louvered panel as shown in the illustration. Install the new unit into the wall sleeve.



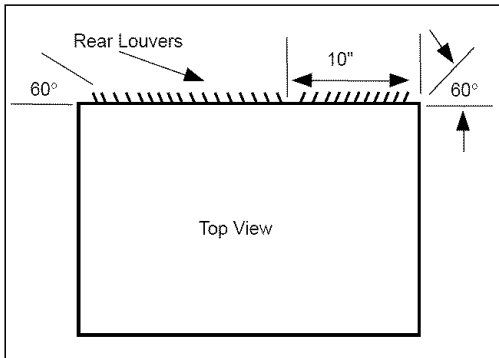
5. Attach the ground wire to the unit as shown.



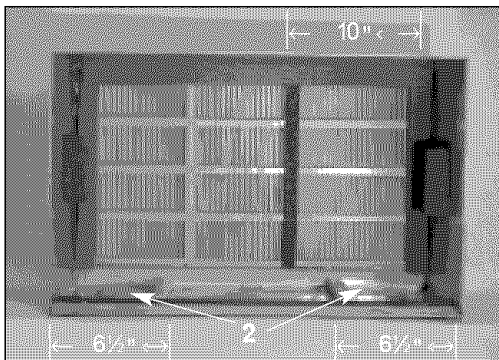
6. Install the 1" x 1 1/2" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.



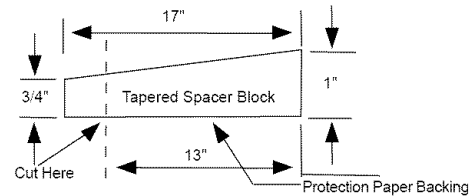
7. Assemble and install the Trim Frame. (see Trim Frame)



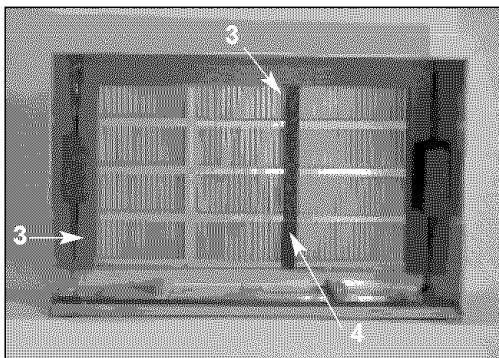
1. Redirect the louvers at the back of the wall sleeve as shown in the illustration. The use of pliers is recommended.



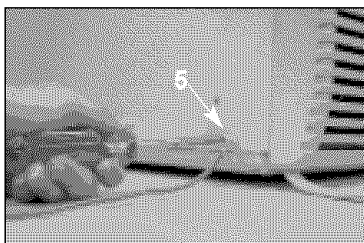
2. Cut (2) Tapered Spacer Blocks and install as shown in the illustration. To attach the blocks remove the backing paper from the blocks. Do not touch adhesive on the blocks. Press the blocks firmly in place.



3. Cut and attach the (1) 1 1/2" x 3/8" x 26 1/2" long seal to 25 1/2" long. Attach the (2) 1 1/2" x 3/8" x 14" long seals as shown.

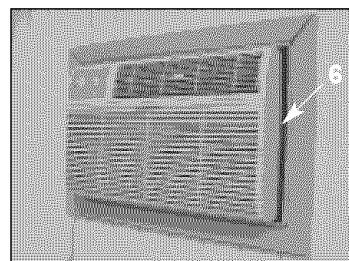
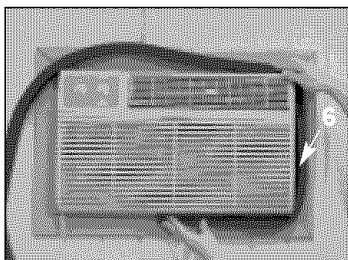


4. Attach 1" x 3/4" x 14" long seal to the louvered panel as shown in the illustration.

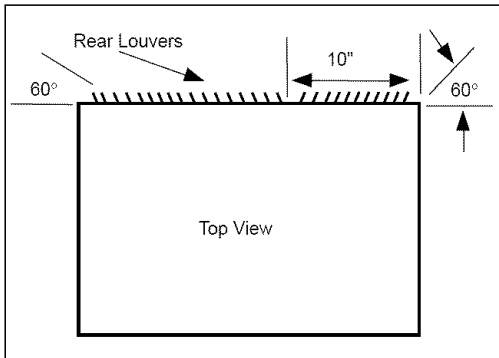


5. Install the new unit into the wall sleeve. Attach the ground wire to the unit as shown.

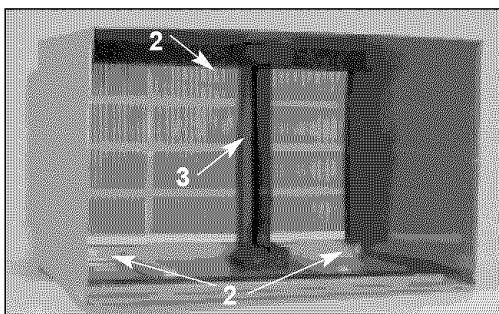
6. Install the 1" x 1 1/2" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.



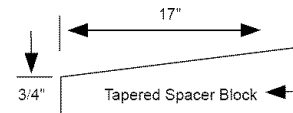
8. Assemble and install the Trim Frame. (see Trim Frame)



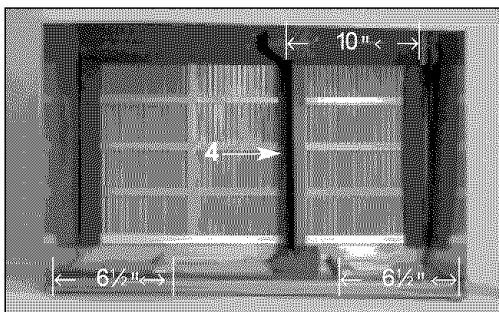
1. Redirect the louvers at the back of the wall sleeve as shown in the illustration. The use of pliers is recommended.



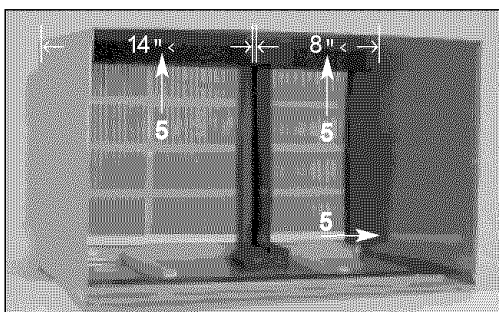
2. Attach the (2) 4½" x 3½" x 1½" foam blocks to the inside top and bottom of the wall sleeve with the slots 10" from the right side wall of the sleeve. Attach (2) Tapered Spacer Blocks behind rib on inside bottom of the wall sleeve as shown. Taper towards the rear of the sleeve.



3. Attach 1" x 3/4" x 14" long seal to the inside of the grille panel.

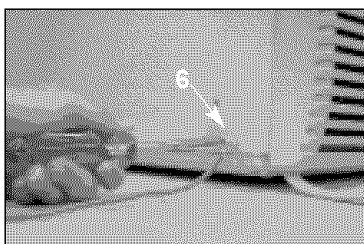


4. Install the 1/8" x 4½" x 14" long plastic divider to the 13¼" long. Slide the plastic divider in the slots of the (2) foam blocks.

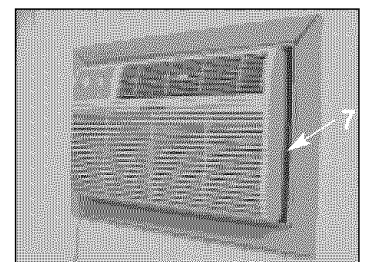
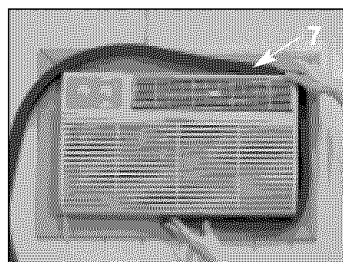


5. Cut to fit (1) 1½" x 1½" x 26½" long seals as shown. Attach (2) 1½" x 1½" x 14" long seals. Install the seals as shown. Seals should be flush with front side of 4½" x 3½" x 1½" Foam Blocks which holds the plastic divider.

7. Install the 1" x 1½" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.



6. Install the new unit into the wall sleeve. Attach the ground wire to the unit as shown.



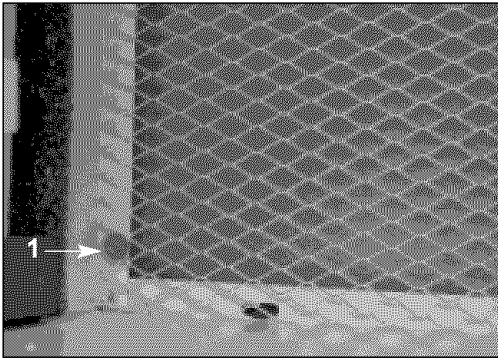
9. Assemble and install the Trim Frame. (see Trim Frame)



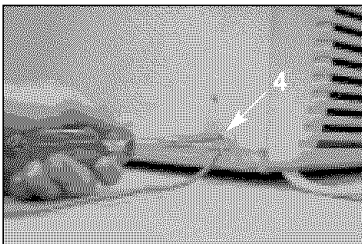
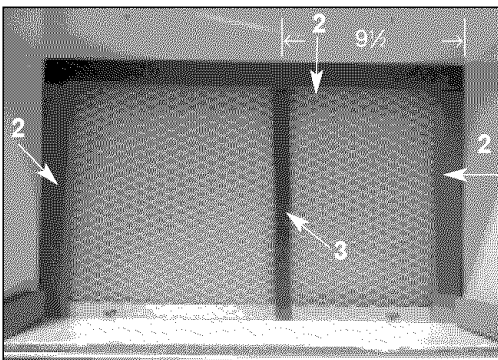
## Wall Sleeve Brands:

#8 White-Westinghouse/Frigidaire/  
Carrier (52F Series)

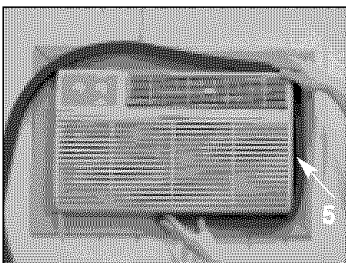
16" + 17½" Deep



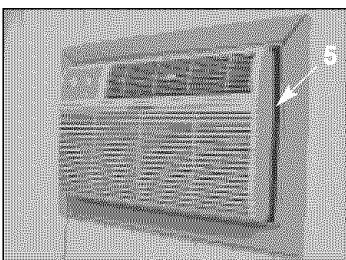
1. If the wall sleeve does not have a rear grille or louvered panel, install the plastic grille panel from the kit. The plastic grille panel is mounted to the inside of the wall sleeve at the rear flanges. There are (4) plastic nuts in the flanges of the wall sleeve. If your sleeve is missing these nuts or they are damaged. Replacement nuts and grille mounting screws are supplied with the kit. The nuts are installed from the inside of the sleeve and are pressed into the square holes of the rear flanges. Place the grille against the rear flanges and use the (4) washer screws to secure the grille to the sleeve.
2. Cut and attach the (1) 1½" x 3/8" x 26½" long seal to 25½" long. Attach (2) 1½" x 3/8" x 14" long seals as shown. To attach the seals remove the backing paper from the seal. Do not touch adhesive. Press seals firmly in place.
3. Attach 1" x 3/4" x 14" long seal to the inside of the grille panel as shown in the illustration.



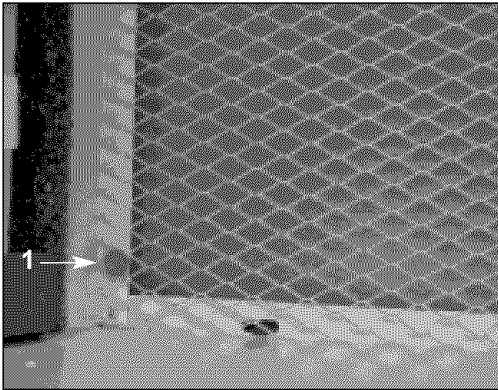
4. Install the new unit into the wall sleeve.  
Attach the ground wire to the unit as shown.



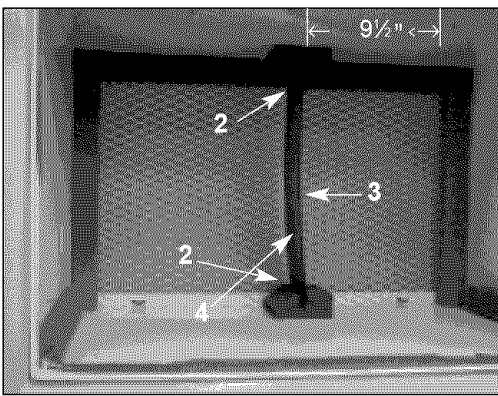
5. Install the 1" x 1½" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.



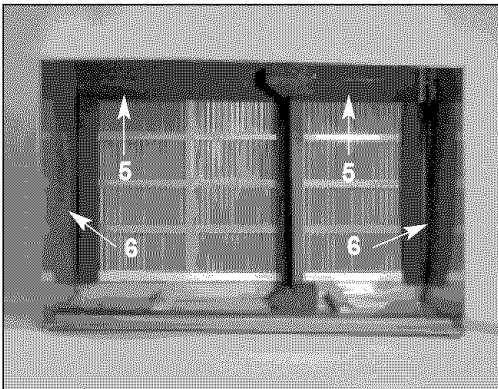
6. Assemble and install the Trim Frame. (see Trim Frame)



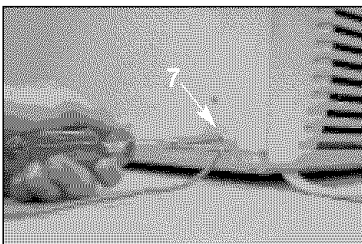
1. If the wall sleeve does not have a rear grille or louvered panel, install the plastic grille panel from the kit. The plastic grille panel is mounted to the inside of the wall sleeve at the rear flanges. There are (4) plastic nuts in the flanges of the wall sleeve. If your sleeve is missing these nuts or they are damaged, replacement nuts and grille mounting screws are supplied with the kit. The nuts are installed from the inside of the sleeve and are pressed into the square holes of the rear flanges. Place the grille against the rear flanges and use the (4) washer screws to secure the grille to the sleeve.



2. Attach the (2) 4½" x 3½" x 1½" foam blocks to the inside of the wall sleeve as shown in the illustration.  
 3. Attach 1" x 3/4" x 14" long seal to the inside of the grille panel.  
 4. Cut the 1/8" x 4½" x 14½" long plastic divider to 13" long. Slide the plastic divider in the slots of the (2) foam blocks.

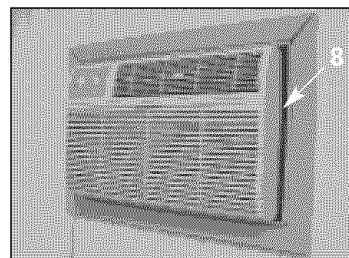
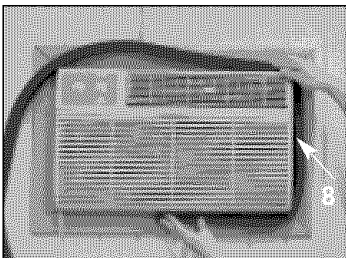


5. Cut to fit (1) 1½" x 1½" x 26½" long seals as shown.  
 6. Attach (2) 1½" x 1½" x 14" long seals to 13½" install the seals as shown. Seals should be flush with front portion of the 4½" x 3½" x 1½" foam blocks which holds the plastic divider.



7. Install the new unit into the wall sleeve.  
 Attach the ground wire to the unit as shown.

8. Install the 1" x 1½" x 84" long stuffer seal between the wall sleeve and the unit. A flat bladed screwdriver or putty knife is recommended.

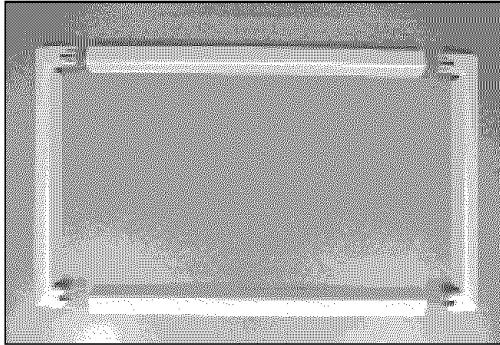


9. Assemble and install the Trim Frame.  
 (see Trim Frame)

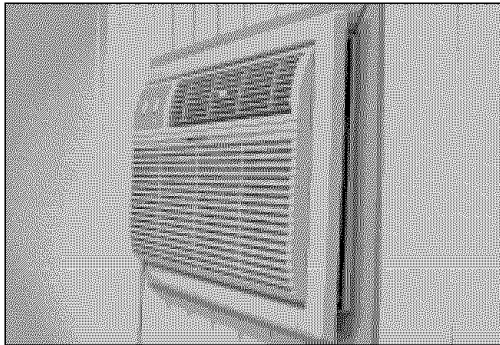
## Trim Frame Assembly

The purpose of trim frame is to cover space between wall sleeve and replacement unit cabinet. Each frame is made of four parts:

1. To assemble trim frame, insert snaps of side legs into top and bottom legs.



2. To install trim frame to sleeves, slide frame over cabinet until it is flush with the wall sleeve.



**NOTE:** Be sure to route the cord through the trim frame before placing the trim frame on the unit.

