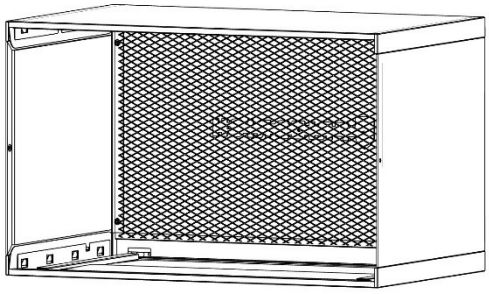
FRIEDRICH

# INSTALLATION INSTRUCTIONS
# FOR "WSEZ" THRU-THE WALL SLEEVE



These instructions cover the assembly and installation of the WallMaster WSEZ wall sleeve. The sleeve is shipped unassembled. It must be assembled prior to installation. The air conditioner is shipped separately. Before you begin - Read these instructions completely and carefully.

**IMPORTANT** – OBSERVE ALL GOVERNING CODES AND ORDINANCES.

**Parts Included:**

| Item | Qty |
|---|---|
| BOTTOM PANEL | 1 |
| TOP PANEL | 1 |
| RIGHT SIDE PANEL | 1 |
| LEFT SIDE PANEL | 1 |
| FRONT COVER | 1 |
| REAR WEATHER PANEL | 1 |
| REAR GRILLE | 1 |
| SCREW, Front Cover | 2 |
| SCREW, Rear Grille | 4 |

**Field Supplied Parts:**

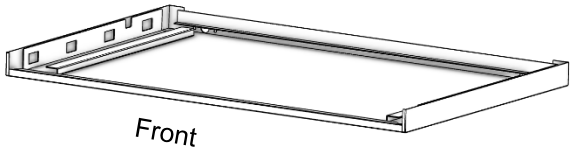
| Item | Qty |
|---|---|
| SCREW, #12A x 2 | 5 |
| CAULK, SEALANT OR EQUVALENT | As Needed |

## WALL SLEEVE ASSEMBLY

Preparation, gather the four wall sleeve panels (top, bottom, right & left side panels.).

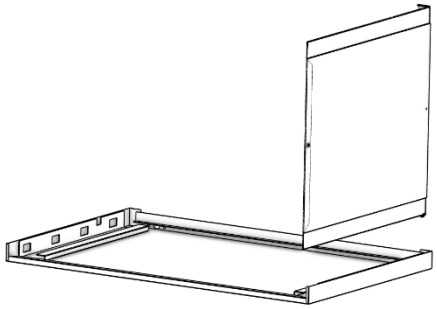
> **CAUTION:** DO NOT remove thermal insulation from sleeve.

**STEP 1** Locate Bottom Panel. Set Panel on a clean flat and level surface. (See Figure 1)



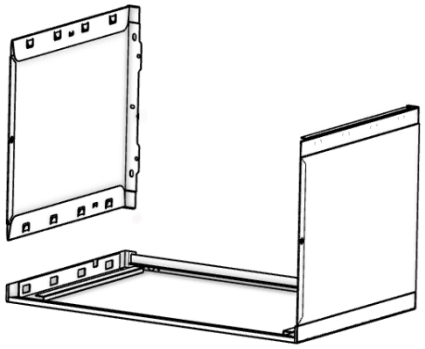

Bottom Panel – Figure 1

**STEP 2** Locate Right Side Panel. Align panel in the Right Bottom Panel slot. Fully insert the Panel into Bottom until locking tabs engage. (See Figure 2)



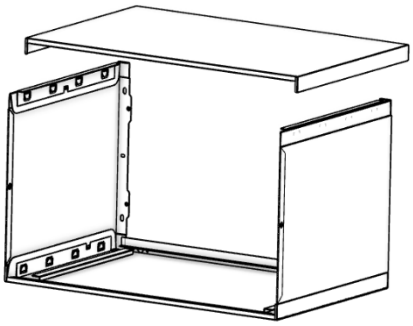
Right Side Panel Insertion – Figure 2

**STEP 3** Locate Left Side Panel. Align panel in the Left Bottom Panel slot. Fully insert Panel into Bottom until locking tabs engage. (See Figure 3)

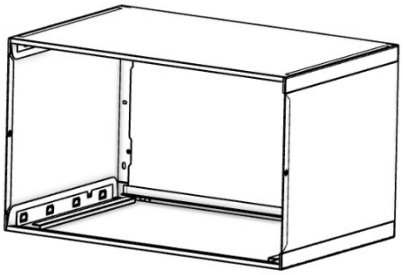


Left Side Panel Insertion – Figure 3

**STEP 4** Locate Top Panel and align with top of Right and Left Side Panels. Fully insert Top Panel into Right and Left Side Panels until locking tabs engage. (See Figure 4 & 5)



Top Panel Insertion – Figure 4



Final Assembly – Figure 5

## SLEEVE DIMENSIONS

27” x 16-3/4” x 16-3/4” (see Figure 6)

## WALL PREPARATION

The wall opening required for a WSEZ SLEEVE is 17-1/4" high by 27-1/4" wide. The proper size wall opening is essential to proper installation.

LINTELS must be used in the opening of brick veneer and masonry walls to support material above the wall sleeve.

Adjustable SUBBASE SB–89 or other unit support must be provided for panel wall type construction and for walls less than 8" thick.

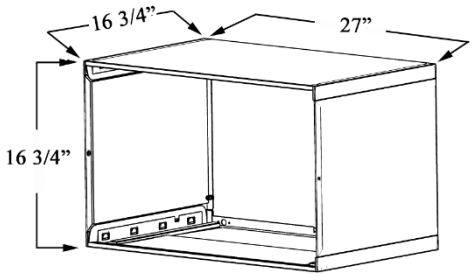
## INSTALLATION REQUIREMENTS:

1) A minimum distance of 1" must be allowed on all sides of the wall sleeve to adjacent wall and floor.
2) When a subbase is required, the minimum distance from floor to sleeve must be 3-1/2". (See figure 7)
3) The minimum clearance between the ceiling and the top of the wall sleeve should be 24". (See Figure 7)
4) The wall sleeve should extend to a minimum of 9/16" min. beyond the outside wall. (See figure 7)
5) The wall sleeve extends to a minimum of 7/8" min. beyond the inside wall.
6) The "WSEZ" SLEEVE must be installed level side to side and with a downward tilt toward the outside of the building. If a level is placed so that it rests on the FRONT and BACK UNIT REST as shown in Figure 8, a properly installed unit provides a 3/8” slope to the outside of the building.

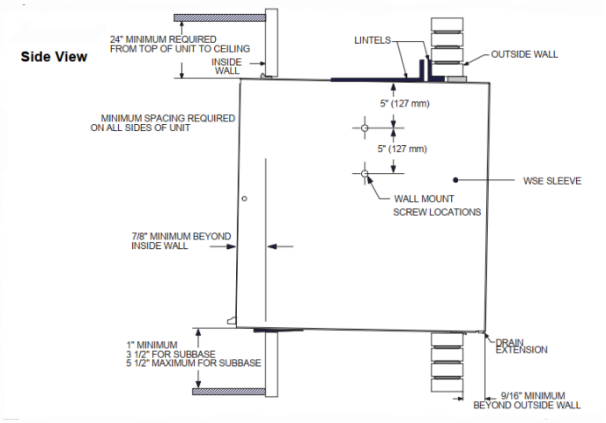
## WALL SLEEVE INSTALLTION:

1) Secure the sleeve to the inside wall by driving two #12A x 2" screws in each side (See Figure 7). If the wall opening is not framed with wood, use expansion anchor bolts or molly (toggle) bolts (not provided).
2) Check the PITCH of the wall sleeve again. Apply shims, if required, to maintain the proper slope. (See Figure 8)
3) Place shim at the top of the sleeve, midway between the sides. Drive one #12A x 2" screw in the top of the sleeve and close to the shim.
4) Caulk the perimeter of the entire opening on the inside and the outside between the sleeve and the wall. Use a good grade of sealant or caulking compound to seal all cracks against air and water infiltration.

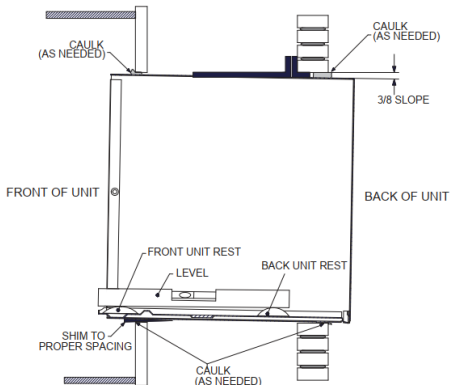
**NOTE**: During construction, install the front and rear weather barrier covers. See Below.




Sleeve Dimensions – Figure 6




Installation Requirements – Figure 7



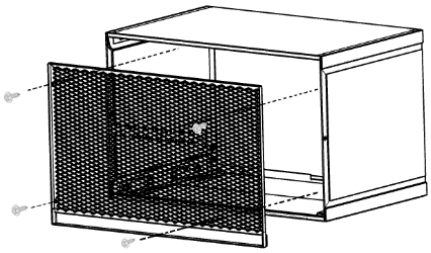

Wall Sleeve Installation – Figure 8

**CAUTION:** Sleeve projections and leveling precautions must be observed to prevent water entry into the room.

## REAR GRILLE INSTALLATION

Insert Rear Grille into the wall sleeve through the front opening. Align the Rear Grille with mounting holes on the rear flange as shown in Figure 9.

Use 4 screws (provided) to fasten the Rear Grille to the wall sleeve.



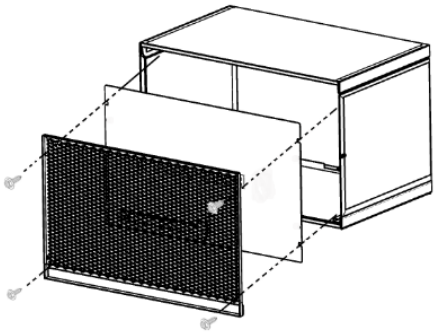
Install Rear Grille - Figure 9

## REAR WEATHER BARRIER INSTALLATION

Insert the Rear Weather Barrier and Rear Grille into the wall sleeve through the front opening.

Align holes with screw bosses. Secure grille and rear weather barrier panel with four screws (provided) as shown in Figure 10.

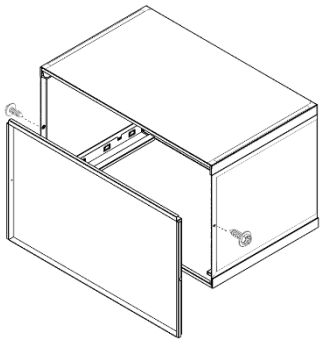
**NOTE:** It is critical to remove the Rear Weather Barrier prior to the installing and operating of the unit.



Securing Rear Weather Barrier and Grille- Figure 10

## FRONT COVER INSTALLATION

Insert Front Cover on the wall sleeve as shown in Figure 11. Use 2 screws (provided) to fasten the Front Cover to the wall sleeve.



Install Front Cover – Figure 11

## ELECTRICAL REQUIREMENTS

Provisions should be made to have the proper electrical outlet near the wall sleeve. See Unit Owner's Manual for more information. All electrical wiring should be done in accordance with local codes and regulations.

**NOTE**: The unit power cord will reach 20" of left or 45" of right side of wall sleeve.

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