

# INSTALLATION INSTRUCTIONS

## Room Air Conditioner Wall Sleeve into Masonry or Wood Frame Walls

### CAUTION

- Make certain wall opening is within 40" (101.6 cm) distance from an electrical outlet to plug in unit service cord.
- Inspect the condition of the wall where your air conditioner will be installed. Be sure it will support the weight of the unit.
- Observe all local governing codes and ordinances.
- Before installing the wall sleeve make sure that your air conditioner is the proper size for the area to be cooled.
- Sleeve must be installed level and securely fastened.
- After installation make sure sleeve rear drainage openings are free from debris.

### 1. WALL OPENING

- Use of a lintel to support wall above the opening is recommended, along with the use of other good construction practices, in providing the wall opening.
- If wall is brick veneer or frame construction, two studs should be cut through for maximum support when providing the wall opening. The wall opening must be sized to allow for a wooden frame, which has minimum inside frame dimensions of 16" (40.6 cm) high x 23 1/2" (59.7) wide. See figures 1 and 2.

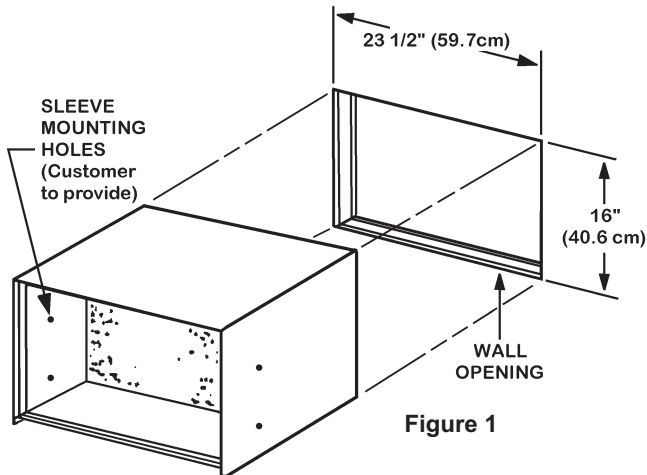


Figure 1

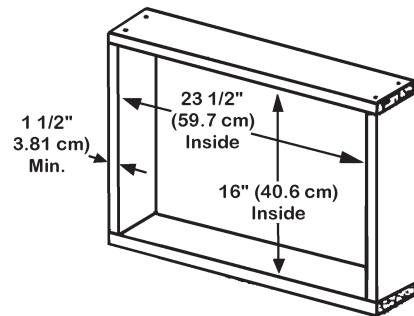


Figure 2

- Construct the finished wood frame of 2" (5.08 cm) thick lumber or thicker. See figure 2. Apply wood preservative to outside exposed surfaces.
- Install the wood frame into wall opening, square and level, then nail securely to studs.

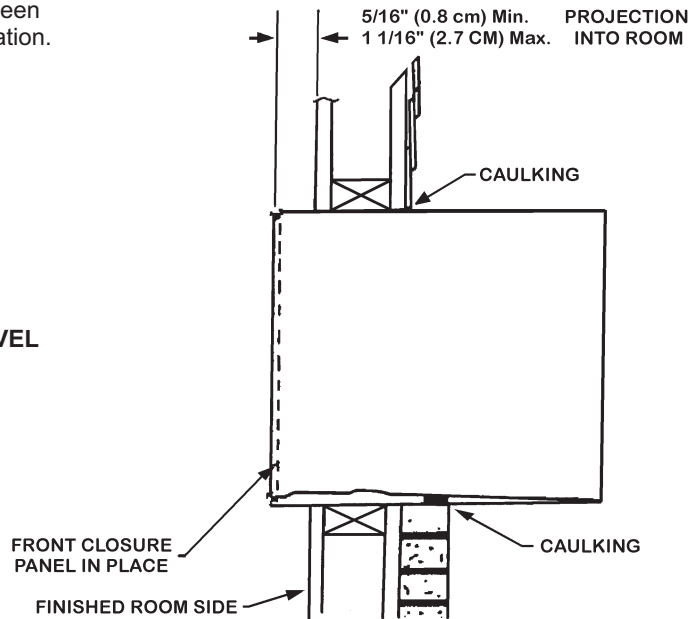
### 2. INSTALLING SLEEVE

- Insert sleeve into opening with 1 1/16" (2.7 cm) maximum - 5/16" (0.8 cm) minimum projection into room from finished inside wall surface. See figure 3. NOTE: Sleeve must have minimum rear projection of 1/2" (1.27 cm) to insure drainage outside of the wall area. MAKE CERTAIN SLEEVE IS LEVEL. This can be checked by placing a level against the top inside panel of sleeve. Secure sleeve into wall opening using (4) screws #10 x at least 1" (2.54 cm) long (not provided) and holes in sleeves inside walls. See figure 1. Customer to provide two holes (3/16" or 0.48 cm) each side for securing sleeve to wall opening. Location of holes will depend on sleeve location in wall.

### 3. SEAL OPENINGS

- Seal any openings around all four sides between wall and rear of sleeve for weather-tight installation. See figure 3.

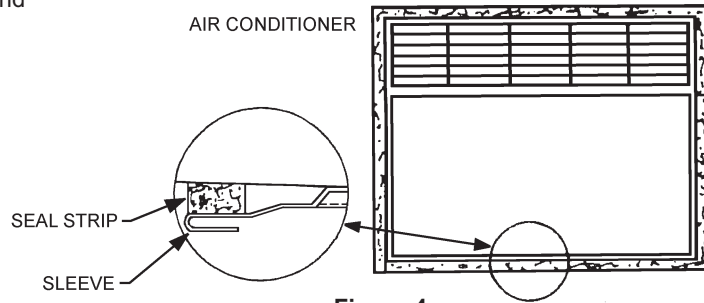
**CAUTION: SLEEVE MUST BE LEVEL**



**Figure 3**

### 4. ENCLOSED SEAL STRIP

- Retain seal strip packed with sleeve for use during air conditioner installation.
- Install seal strip between air conditioner and sleeve on all four sides. See Figure 4.



**Figure 4**

Due to continual product development, specifications are subject to change without notice.