SPECIAL APPLICATION FOR EXISTING CONSTRUCTION-MOUNTING ANGLES NOT USED

Sleeve may be installed through an existing wall without need for installing Mounting Angles or for replastering and repainting the area around the wall cut-out. Suggested procedure is as follows:

1. Select location and cut rectangular opening through wall to Sleeve dimensions (25-1/2"w x 15-1/4" h). Allow enough height, depending upon wall thickness, to permit Z\v" min. slope to outside. See Fig-ure 6.

2. Construct frame within wall behind plaster, lathing or dry wall. Anchor frame to existing studding (or masonry, if used) See Figure 7.

3. Install Sleeve at desired depth within wall. Be sure that Sleeve has proper drainage slope outside. See Figure 1. Fasten securely by driving nails or screws from inside of Sleeve (through holes provided) into frame.

4. Apply flashing where necessary and caulk around outside of Sleeve. Install exterior molding, if desired, between Sleeve and wall opening.

5. Install trim molding at inside wall to provide finished appearance around Sleeve.

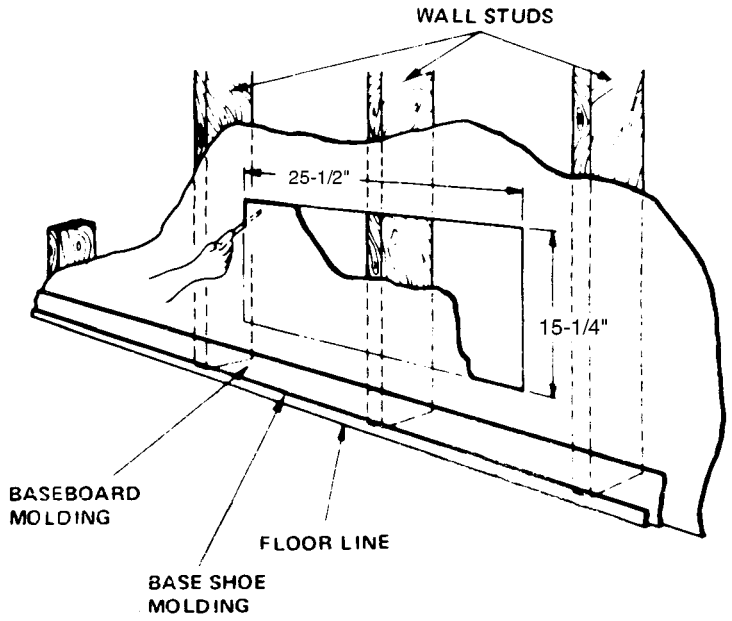


Fig. 6

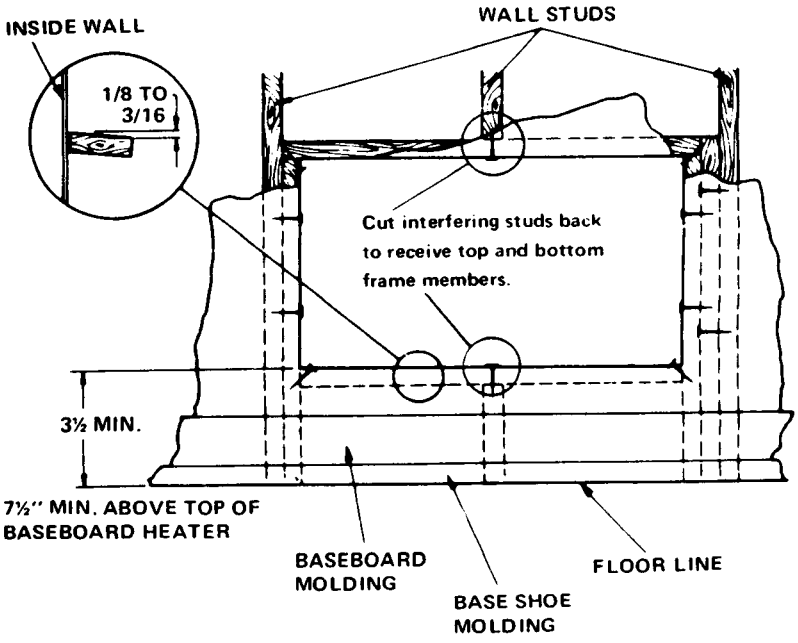
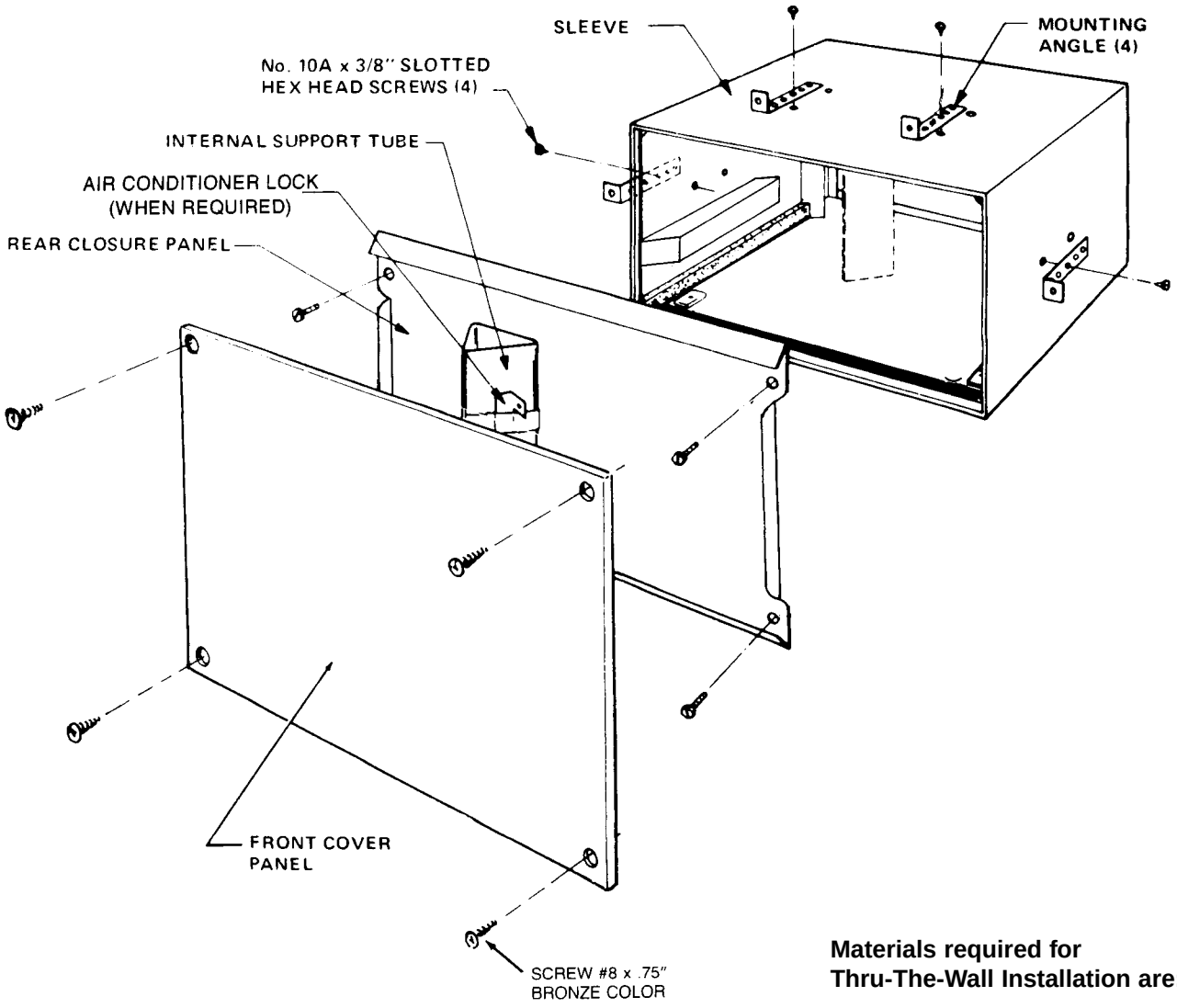


Fig. 7

Room Air Conditioners Thru-the-wall Sleeve Installation Instructions



Materials required for Thru-The-Wall Installation are:

Mortar – if wall is masonry
Caulking
Wood – 2 x 4 lumber and/or support lintels for framing Sleeve (see Figures 2,3 and 4).

Selecting Wall Location

Select a wall area which:

(a) Does not support major structural loads such as occur in frame construction at ends of windows, under truss bearing points, etc.

(b) Does not contain plumbing or electrical wiring.

(c) Is convenient to a suitable electrical outlet or where an additional outlet can be installed. The use of extension cords is not recommended. Do not use an adapter plug.

(d) Faces and is unobstructed to the area for which air conditioning is desired.

(e) Check your available electrical service. The power supply available must be the same as that shown on the unit nameplate. (The nameplate is found behind the removable front grill of the air conditioner). Be sure you have an outlet within convenient reach. The use of extension cords is not recommended.

All models are equipped with the appropriate 3-prong service plug to provide proper service and safe positive grounding. Do not alter or change the plug. Do not use an adapter plug. If your present wall outlet does not match your plug, call a qualified electrician to make the necessary corrections.

Preparing Wall

For installing the Sleeve, a frame of 2" x 4" lumber and/or support lintels, similar to that shown in Figures 2, 3 and 4, is generally required. Frame and wall opening dimensions indicated allow adequate clearance for Sleeve installation—with minimum amount of caulking between frame and Sleeve.

In all types of wall structure, however, sufficient reinforcement such as frames, headers or lintels, must be provided by the installer to properly support the wall around the Sleeve and present any distortion of the Sleeve. We cannot be responsible for any labor or expense that might result from improper installation

Preparing and Installing Sleeve

Use Mounting Angles provided for proper positioning of Sleeve in framed wall opening (see Exploded Parts Picture, Page 1). Select either Front or Rear Set of 4 Sleeve mounting holes, which when aligned with one of the Mounting Angle holes provides the desired projection of Sleeve into room. (Sleeve can be positioned anywhere from nearly flush with inside wall to flush with outside wall). Remove 4 plastic hole plugs from top and side Sleeve holes. Fasten Angles to Sleeve with screws furnished, using Same Hole Location in each Mounting Angle. Side mounting holes in Sleeve are offset from top mounting holes to give Sleeve proper rearward slope to outside.

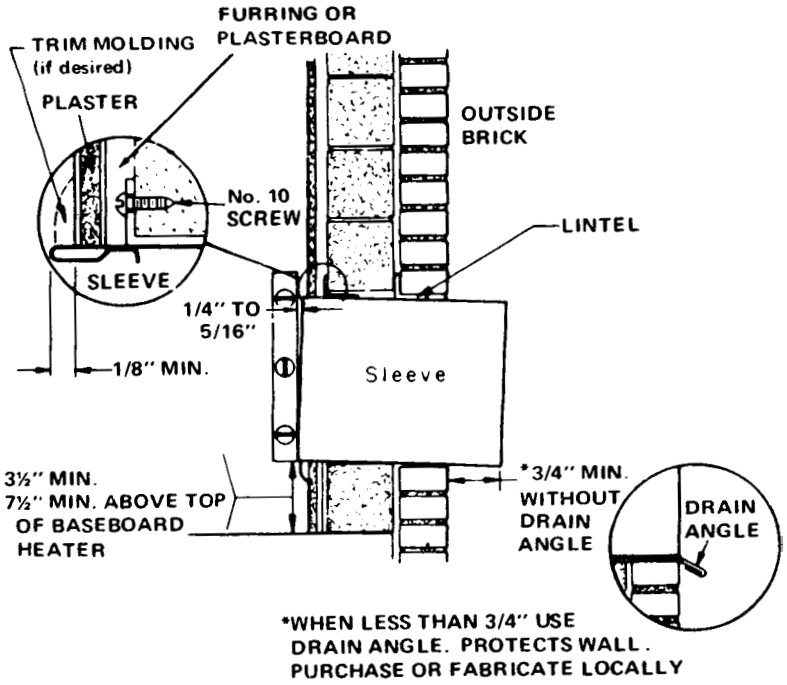


Fig. 1

NOTE: *Front and rear panels and internal support tube must remain assembled to sleeve during installation to provide maximum structural rigidity.*

Frame Construction and Brick Veneer

(Frame Opening Minimum Dimensions)

NOTE: *For Special Sleeve Installation in Existing Constructions, where mounting angles are not required, see Page 4.*

Typical Applications to

Various Types of Wall Construction

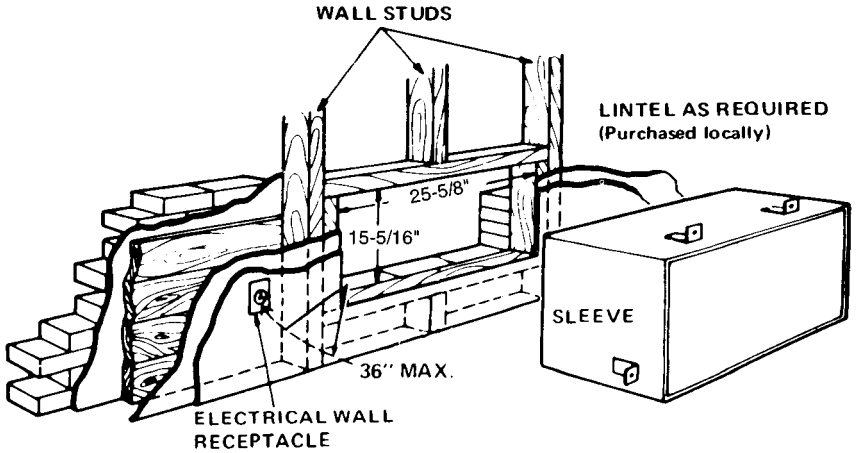


Fig. 2

Solid Masonry Construction –
Block (Minimum Opening Dimensions)

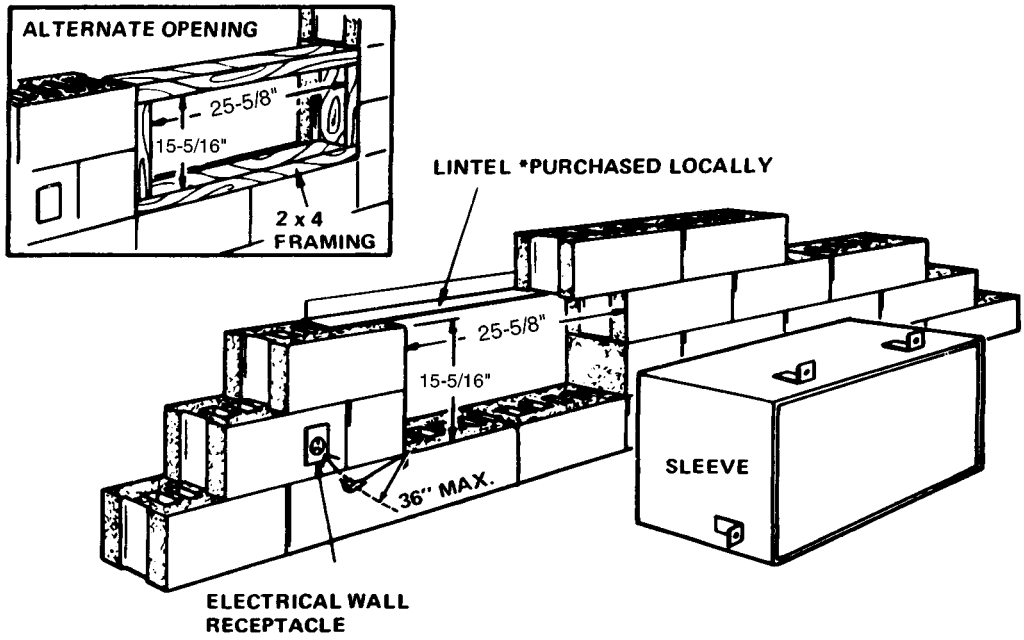


Fig. 3

Solid Masonry Construction –
Brick and Block
(Minimum Opening Dimensions)

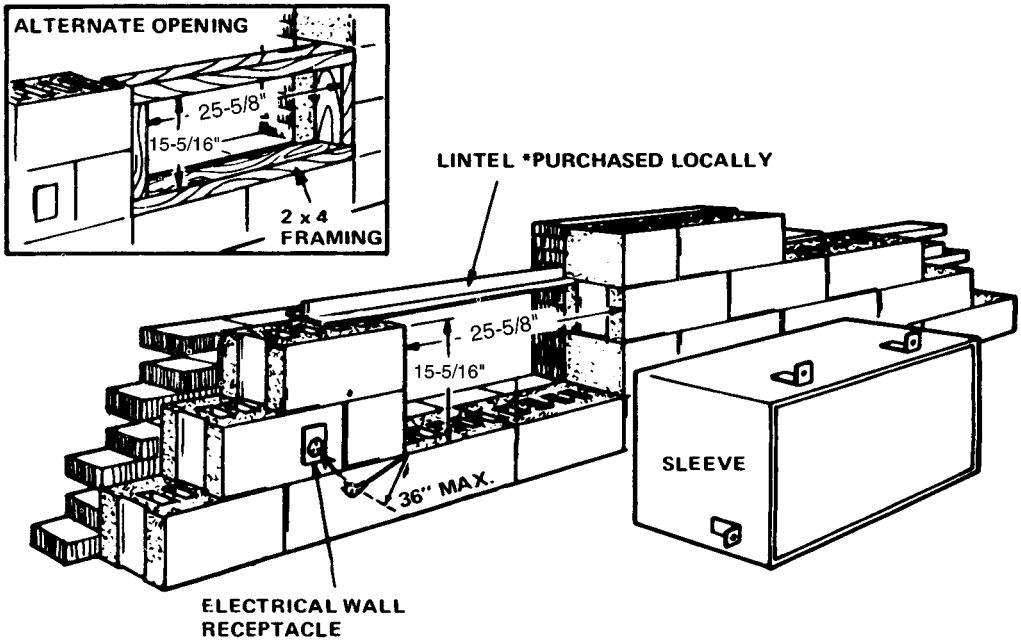


Fig. 4

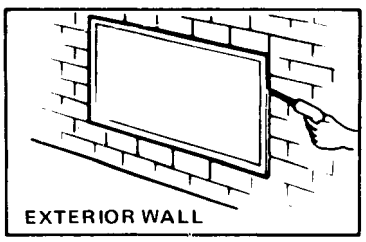


Fig. 5

After Sleeve has been installed, caulk and flash where necessary entire perimeter around exterior wall opening and Sleeve. (See Figures 1 and 5). Use a good grade of caulking compound to seal all cracks against air and water infiltration.