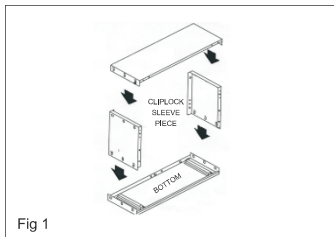


Universal PTAC Wall Sleeve

Assembly and Installation Instructions

1. Wall sleeve assembly

- Unpack all parts and accessories, referring to Fig 1, assemble the wall sleeve by first "clip locking" the side pieces to the bottom piece, then the top piece to the assembled side and bottom pieces.
- Handle the assembled wall sleeve carefully.
- If any part of the assembled wall sleeve is deformed, PTAC chassis installation may be hindered.



2. Wall sleeve location

There should be sufficient space margins around the unit to facilitate maintenance and repairs (refer to Figs 2 and 3)

Critical dimensions:

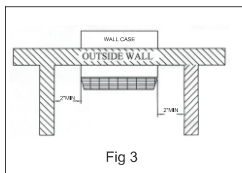
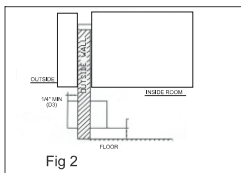


Chart 1

Recommended installation clearance dimensions
Projection of case into room-1/2" minimum up to 1-3/4" maximum without use of electrical sub-base. Note: 2-3/8" minimum when sub-base is used.
Minimum projection of case to the outside-1/4".
Height above finished floor or top of carpet-1/2" minimum, 2" recommended without sub-base-3" minimum with subbase
Left/right side of case to adjacent wall-2" min.

3.Preparation of the wall

The sleeve should be installed during construction and lintels should be used to support the block above the wall sleeve. **The sleeve can not support the load of bricks/blocks.**

For existing construction, wall opening must be created, the proper dimensions are necessary to avoid use of fillers or additional framing. The sleeve is modular in height and width.

Fits approximately 3 stud spaces.

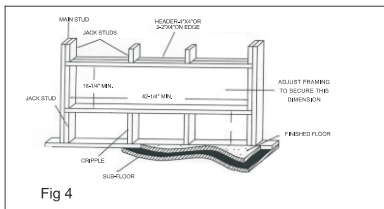


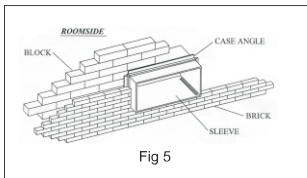
Chart 2

	minium finished opening dimensions		sleeve dimensions		
	height	width	height	width	depth
using field supplied sleeve angles	16-1/4"	42-1/2"	16"	42"	13-3/4" (16"/18"/24")
not using field supplied sleeve angles	16-1/4"	42-1/4"			

Note: All dimensions in inches.

If the field supplied case angles must be used during installation (Fig 5), proceed as follows:

- Position the case angles around top and sides of sleeve to get the proper depth, (be sure to have the angles pointing outside).
- Mark the sleeve using the case angles as a template for screws.
- Drill $\text{Ø}5/32''$ hole at the marked position, (from step 2 above) only use 10X1/2" screws.
- Install the screws from the outside of the sleeve. **Do not drill any holes in the base of the sleeve.**



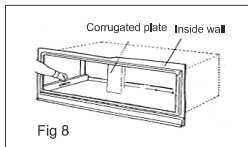
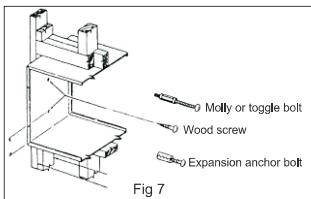
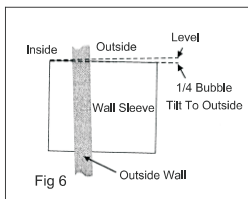
4. Installation of the sleeve in the wall opening

- Place sleeve into the wall, refer to Chart 1 for room side projection (minimum 1/2" to a maximum 1-3/4" without subbase).

The rear (outside) edge of the sleeve should stick out a min. of 1/4" past the outside wall to be able to caulk properly, do not seal the drain holes on the outside (grille side) of the sleeve. If it is desired to have the rear grille flush on the outside, a drip rail must be installed under the sleeve and caulking applied between the drip rail and sleeve.

- To ensure the unit's maximum efficiency, the sleeve must be installed a slight downward pitch from the indoor side to the outdoor side (Fig 6), then fasten the wall sleeve (Fig 7)
- Lintels should be used to support the block above the wall sleeve (Fig 8).

The sleeve can not support the load of bricks/blocks



Note: The fastening parts and wood screws etc. are prepared by end-users themselves.

5. Weather proofing:

Weather proofing gaps between the exterior wall and the sleeve with caulking or other equivalent weather proofing material (Fig 9)

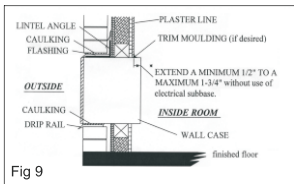


Fig 9

Note: installation in extra thick walls:

- If the sleeve is being installed in a thick wall where the sleeve is recessed more than 3", an extended wall sleeve will be required with depths as called out in chart 1.
- If the sleeve is being installed in a wall where the recess is 3" or less, a flashing must be installed under the sleeve and extend up 2" on each side. The flashing must include a drip rail as shown above Fig 9.

6. Electrical requirements

Provisions should be made to have a proper electrical outlet near the sleeve. All wiring must be in accordance with local codes and regulations.