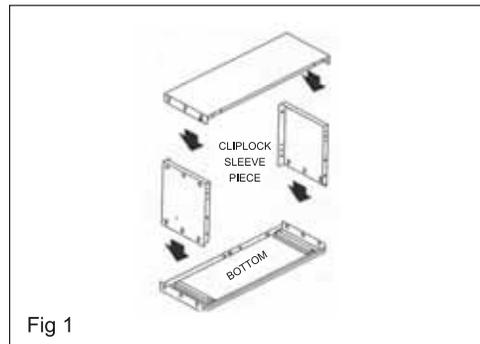


WALL SLEEVE INSTALLATION

To ensure the best performance of the packaged terminal air conditioner, please observe the following wall sleeve installation procedures and do the installation in accordance with related requirements.

1. wall sleeve assembly (optional procedure)

- Unpack all parts and accessories, referring to Fig 1, assemble the wall sleeve by first "cliplocking" the side pieces to the bottom piece, then the top piece to the assembled side and top pieces.
- Handle the wall sleeve carefully.
- If the wall sleeve is deformed, chassis installation may be hindered. If the wall sleeve has become deformed, straighten it before installing it in the wall.

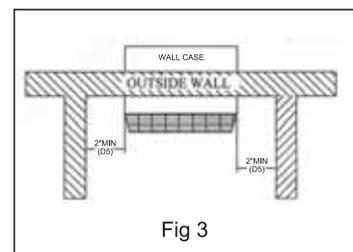
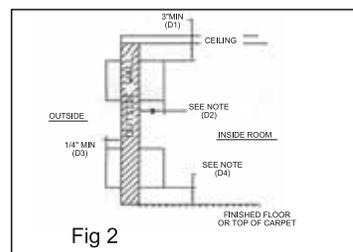


2. Wall sleeve location

When making the wall opening, please observe the following requirements:

- The air inlet and outlet should be unblocked the air can be delivered to every corner of the room.
- Install the unit places that are away from heat sources or sources of inflammable gases.
- Install the unit in places that are not directly exposed to sunlight.
- Do not install the unit in places that are subject to strong wind or dust.
- Do not install the unit in places where the operational noise and exhausted air might trouble your neighbors.
- There should be sufficient space margins around the unit to facilitate maintenance and repairs (refer to Figs 2 and 3)

Critical dimensions:



Note: Care should be taken in location of electrical supply entry in relationship to the sleeve for later access (refer to Fig 10).



WALL SLEEVE INSTALLATION

Chart 1

Dimensions	Recommended installation clearance
D1	Top of case to finished ceiling-3"min
D2	Projection of case into room-1/2"minimum up to 1-3/4"maximum without use of electrical sub-base. Note: 2-3/8"minum when sub-base is used.
D3	Minimum projection of case to the outside-1/4".
D4	Height above finished floor or top of carpet-1/2"minimum, 2"recommended without sub-base-3"minimum with sub-base
D5	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(refer to Fig 4& Chart 2).

Height:

Fits 2 courses concrete block

Fits 6 courses standard brick

Fits 5 courses jumbo brick

Width:

Fits approximately 3 stud spaces.

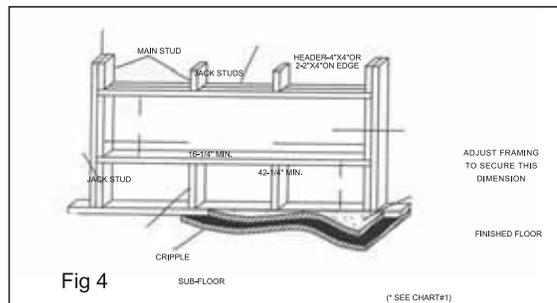


Chart 2

	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"
not using field supplied sleeve angles	16-1/4"	42-1/4"			(16"/18"/24")

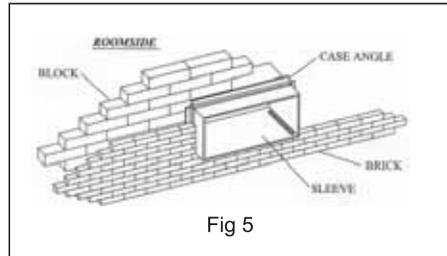
Note: 1"equals to 25.4mm,please refer to using.



WALL SLEEVE INSTALLATION

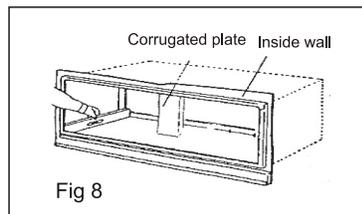
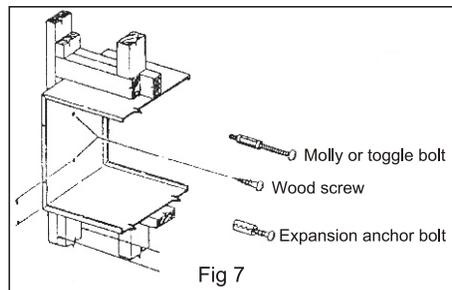
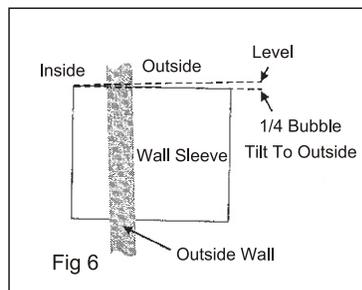
If the field supplied case angles must be used during installation (Fig 5), proceed as follows:

- 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 $\varnothing 5/32$ " 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-D2 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 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 (if directly under a window sill, use of lintel may not be necessary).



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



WALL SLEEVE INSTALLATION

5. Weather proofing:

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

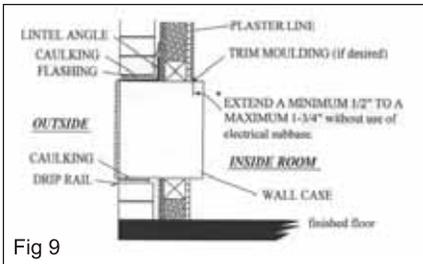


Fig 9

Note: installation in extra thick walls:

- a) 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 .
- b) If the sleeve is being installed in a wall where the recess 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 made in accordance with local codes and regulations. The line cord included with the chassis (if used) will extend to a wall receptacle located within the area shown in Fig 10 .

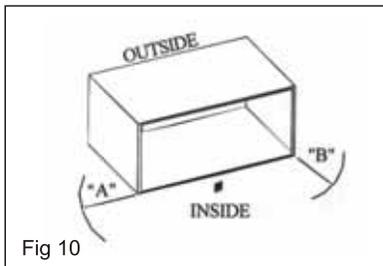


Fig 10

MODEL	"A"	"B"
	21"	58"

WALL RECEPTACLES

