

Open the furnace door and fasten the furnace to the base using #8 x 1/2" long sheet metal screws.

Using the provided hose clamp, secure the flexible combustion air tubing from the burner to the combustion air adapter.

CB-200A Cottage Base Installation

The CMF can be installed on a CB-200A cottage base in certain applications, as described earlier in these instructions (See Table 1). Refer to the Replacement Parts List for information on ordering this base. For installation, refer to the instructions that are provided with the CB-200A base kit.

Closest Installation of the Furnace

Return air systems for a closet installation of the furnace may consist of a grille or grilles in a closet door or side wall that communicates with the living area of the home. (See Figure 6) Return air openings should not be located to draw air directly from a bathroom. Grilles placed in a side wall require a 6" clearance from the wall to the furnace so that the air may enter the front grille of the furnace. In addition, all return air systems, including the floor and ceiling systems, must meet the following conditions:

A. The return-air opening into the closet, regardless of its location, is to be a minimum of 200 square inches.

- B. If the return-air opening is located in the floor of the closet (versus the vertical front or side wall), the opening is to be provided with means to prevent its inadvertent closure by a flat object placed over the opening.
- C. The cross-sectional area of the return duct system (when located in the floor or ceiling of the manufactured home) leading into the closet is to be not less than 200 square inches.
- D. The total free area of the openings in the floor or the ceiling registers serving the return air duct system is to be not less than 300 square inches. At least one such register is to be located where the likelihood of its being covered by carpeting, boxes, and other objects is minimized.
- E. Materials located in the return duct system shall have a flame spread classification of 200 or less.
- F. Noncombustible pans having one inch upturned flanges are located beneath openings in a floor return duct system.
- G. Hollow spaces used as ducts or plenums for environmental air may contain mineral-insulated metal sheathed cable, aluminum sheathed cable, electrical metallic tubing, rigid metal conduit, flexible metal conduit not to exceed four (4) feet, or metal-clad cables. Wiring materials, fixtures, are to be suitable for the expected ambient temperatures to which they will be subjected.
- H. Gas piping cannot be located in the return duct system.

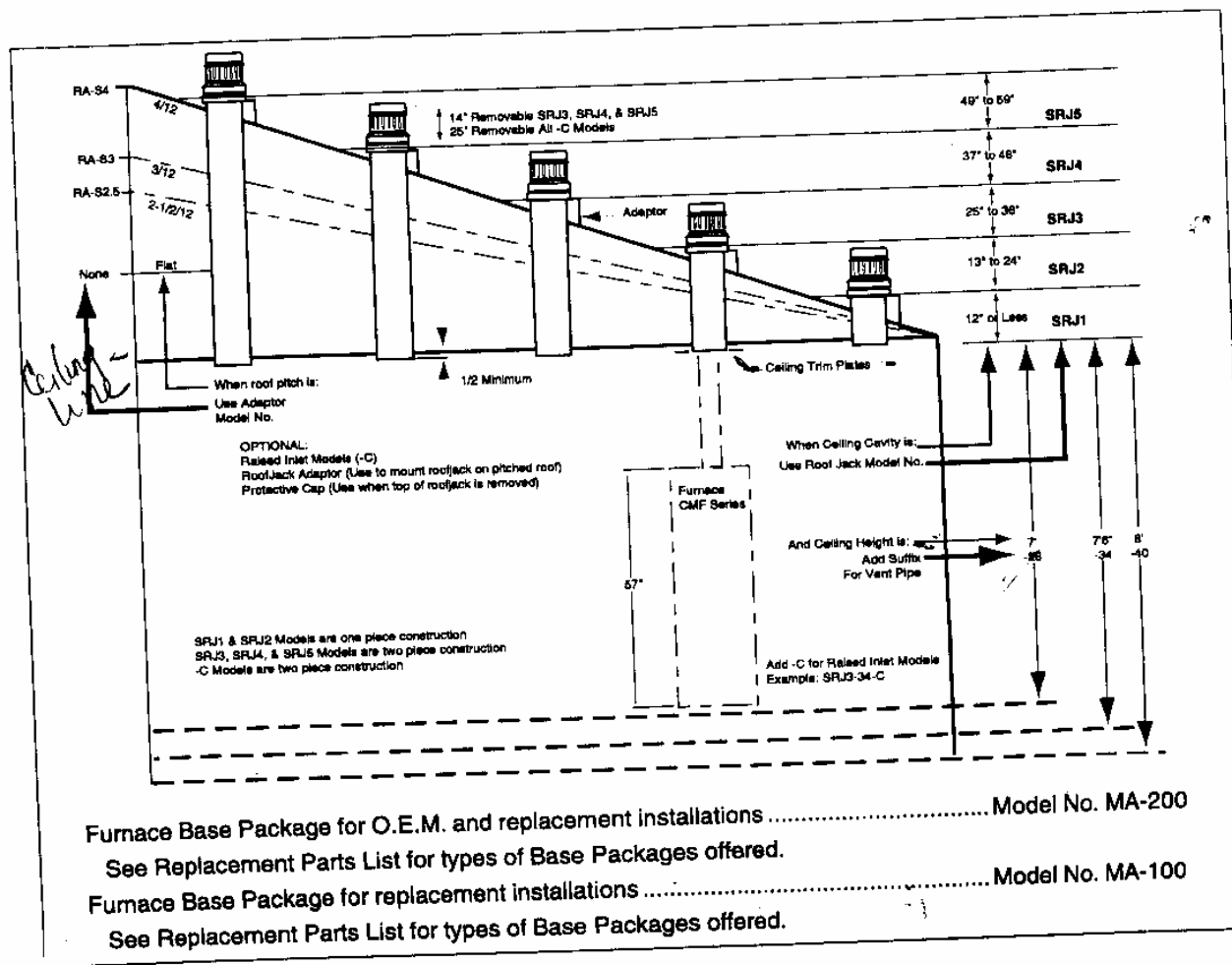


Figure 7. Selection of Roof Jack and Accessories Chart