



TRJC-2, -3 Roof Jack Installation Instructions

WARNING: Failure to comply with this procedure and the following instructions may result in fire, asphyxiation or carbon monoxide poisoning.

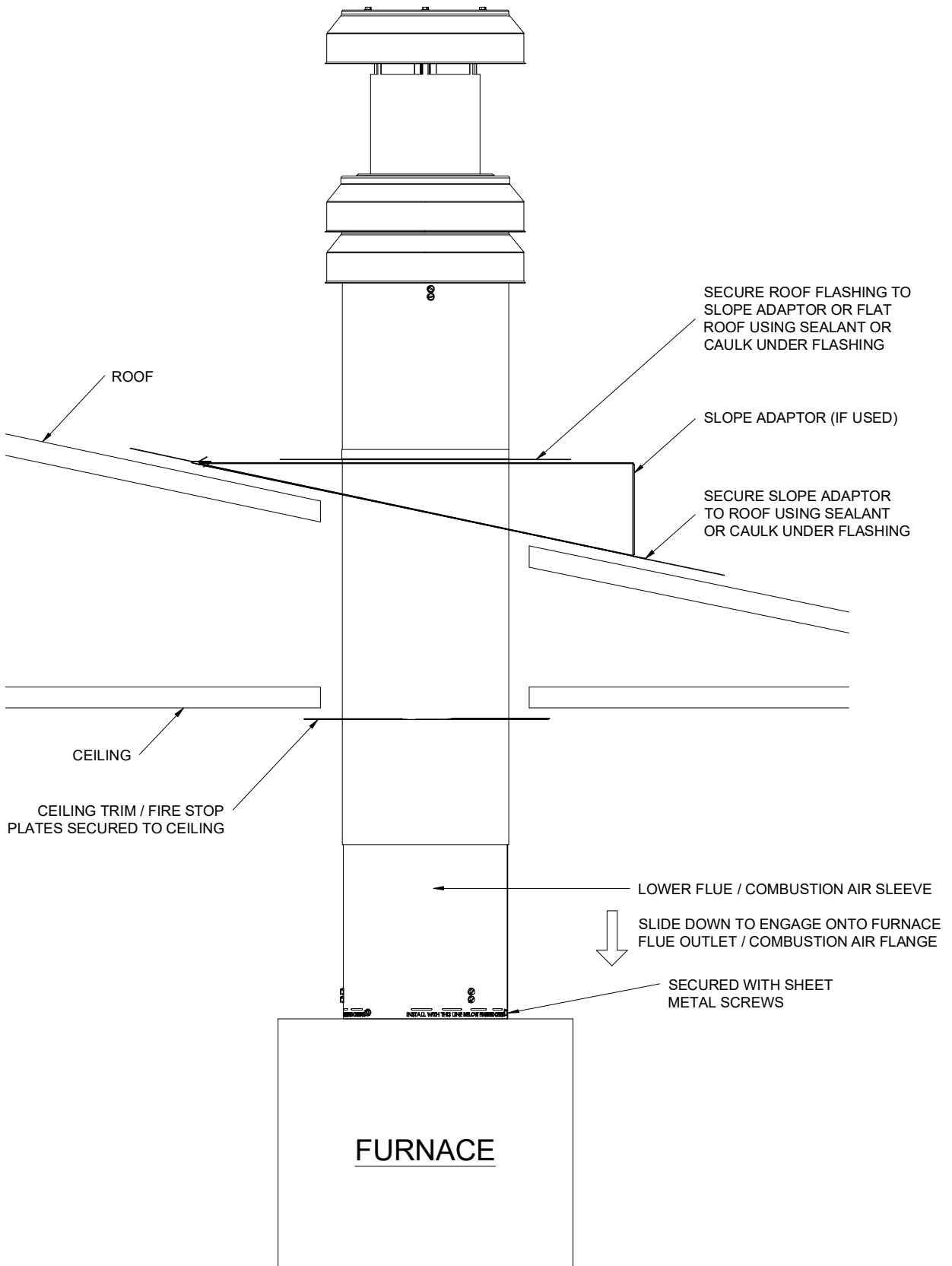
WARNING: The indicating line near the bottom of the roof jack must extend below the finished ceiling. The roof jack must be attached to the furnace combustion air collar with a sheet metal screw. **DO NOT** install any elbows (adjustable or nonadjustable) or a stack damper in the venting system.

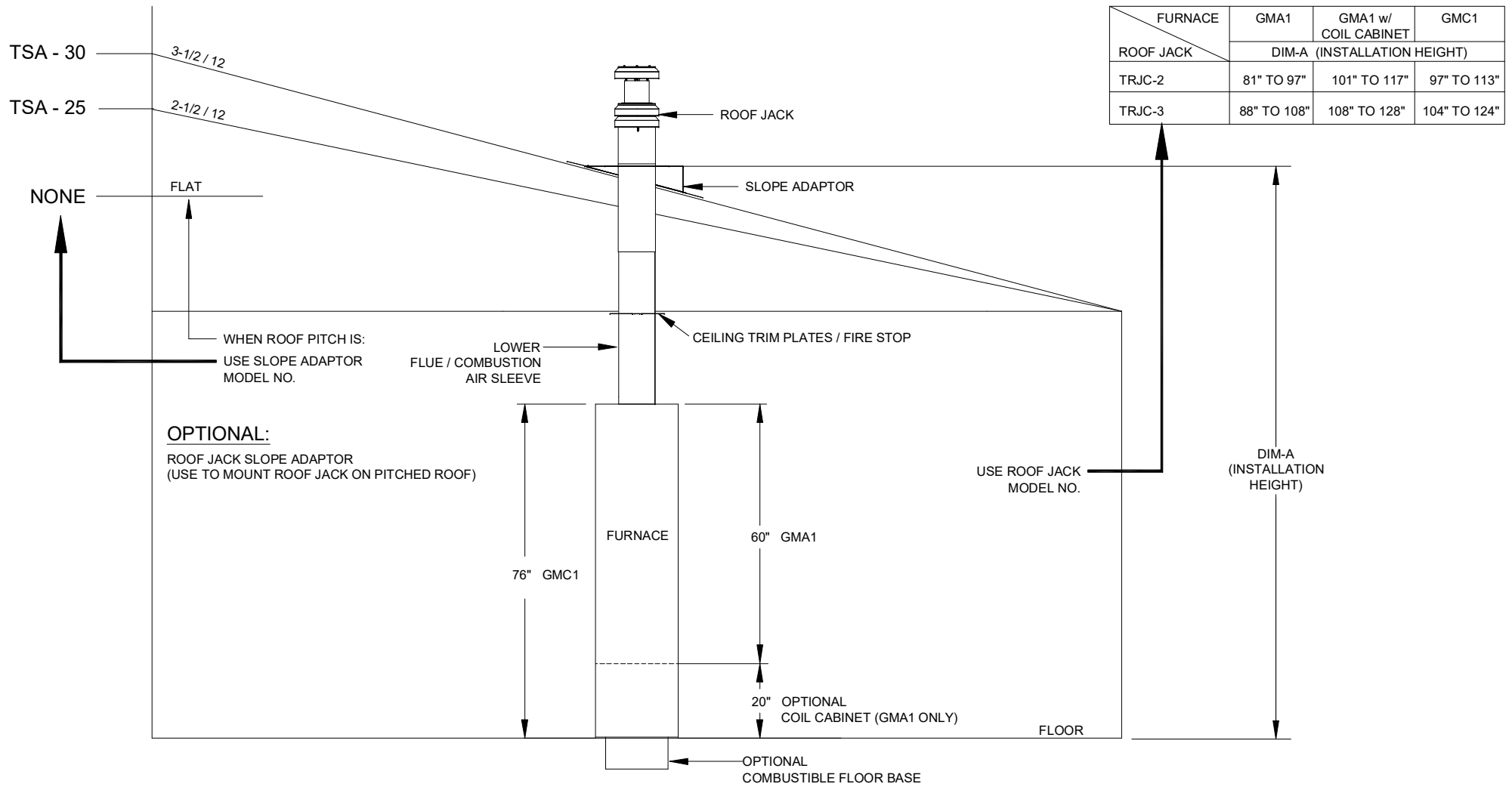
Notice: Care should be taken when locating the furnace and base to insure alignment of the furnace flue outlet with the roof jack to prevent misalignment that may cause hazardous operation or flue gas leakage.

Use only specified TRJC roof jack as identified on the furnace serial label.

- 1) Cut an approximate 8- ¼" diameter opening through the roof and ceiling directly in line with the flue connection on the top of the furnace.
- 2) A roof jack slope adaptor* is required for use on a pitched roof. Center the adaptor opening over the roof opening, use "all weather" sealant or caulking under the adaptor. Use roofing nails or screws on wood construction or sheet metal screws on metal roofs.
- 3) Slide the lower sleeve section of the roof jack out to a length that will allow a convenient reach to the connection at the top of the furnace.
- 4) Ease the roof jack assembly through the opening. The lower portion of the outer barrel must extend through the finished ceiling at least ½" as indicated on the barrel of the roof jack. Confirm alignment with the furnace. Use "all weather" sealant or caulking on the roof or adaptor to seal under the flashing of the roof jack assembly.
- 5) Secure the roof jack to the roof through holes provided on the parameter of the flashing with appropriate fasteners.
- 6) Extend the lower sleeve down to engage the flue on the top of the furnace seating both the flue and the combustion air sleeve on the gaskets. Secure the combustion air outer sleeve with a minimum of two (2) sheet metal screws. All joints and connections should be inspected before start up of the furnace for tight leak free joints.
- 7) Fasten the ceiling trim/fire stop plates around the upper barrel with four screws.

*Roof jack slope adaptor TSA-25 for slope of 2 ½ / 12; TSA-30 for slope of 3 / 12.





ACCESSORY OPTIONS:

FURNACE COMBUSTIBLE FLOOR BASE FOR O.E.M. AND REPLACEMENT INSTALLATIONS IN MOBILE HOMES MODEL NO. DC-BASE
 FURNACE COIL CABINET FOR GMA1* ONLY, INSTALLATION 2-4 TON..... MODEL NO. CE118S