

Correct Appliance Installations For Manufactured Homes

The Building Codes and Standards Division has evidenced a misconception causing noncompliance in manufactured homes when replacement and/or retrofit water heaters and furnaces are installed. The misconception is persons see the listing for use which states “listed for Manufactured Home Use” and they believe that is all that is necessary. A water heater and/or furnace may be listed for use, however, care must be taken in choosing the correct appliance for its use and listing.

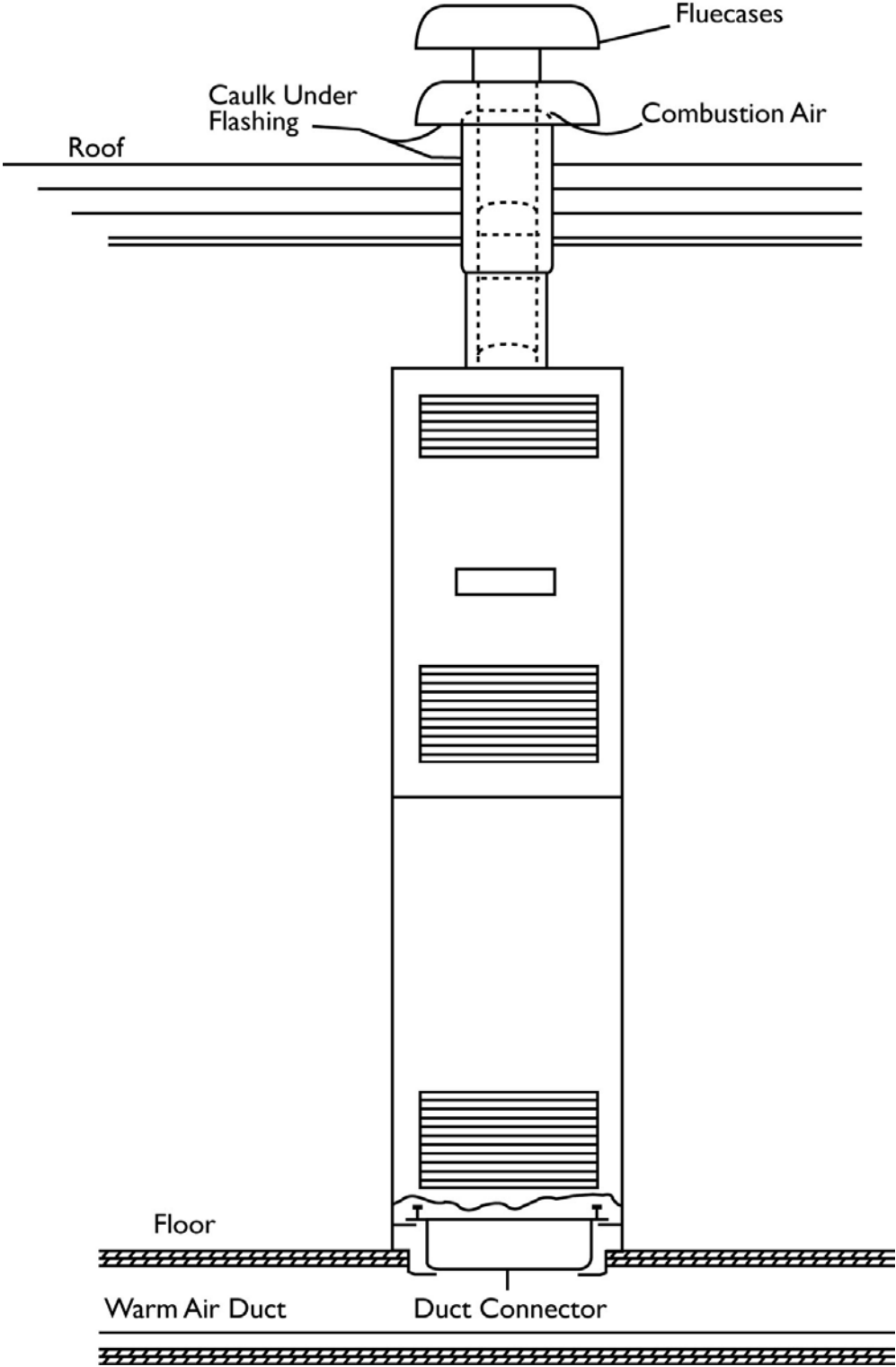
HUD CFR 3280.709 standards recognize two methods in which compliance may be achieved for the required “Complete separation of the combustion systems from the interior atmosphere of the manufactured home.” Method One is the installation of direct vent system (sealed combustion system). Method Two is the installation of appliances within enclosures so as to separate the appliance combustion system and venting system from the interior atmosphere of the manufactured home.

There shall not be any door, removable access panel, or other opening into the enclosure housing the furnace or water heater from inside of the manufactured home. Any opening for ducts, piping, wiring, etc. shall be sealed.

Please be advised that under Minnesota Statutes 327.31 through 327.35 it is a violation of state law to alter and/or sell or lease, or offer to sell or lease any manufactured home built after July 1, 1972, which does not comply with the manufactured home building code. In the future, all personnel involved in replacing water heaters and furnaces or selling manufactured homes in Minnesota should not only note that the appliance is listed for use in a manufactured home, but also that the installation conforms to the appliance manufacturer’s installation instructions.

METHOD ONE

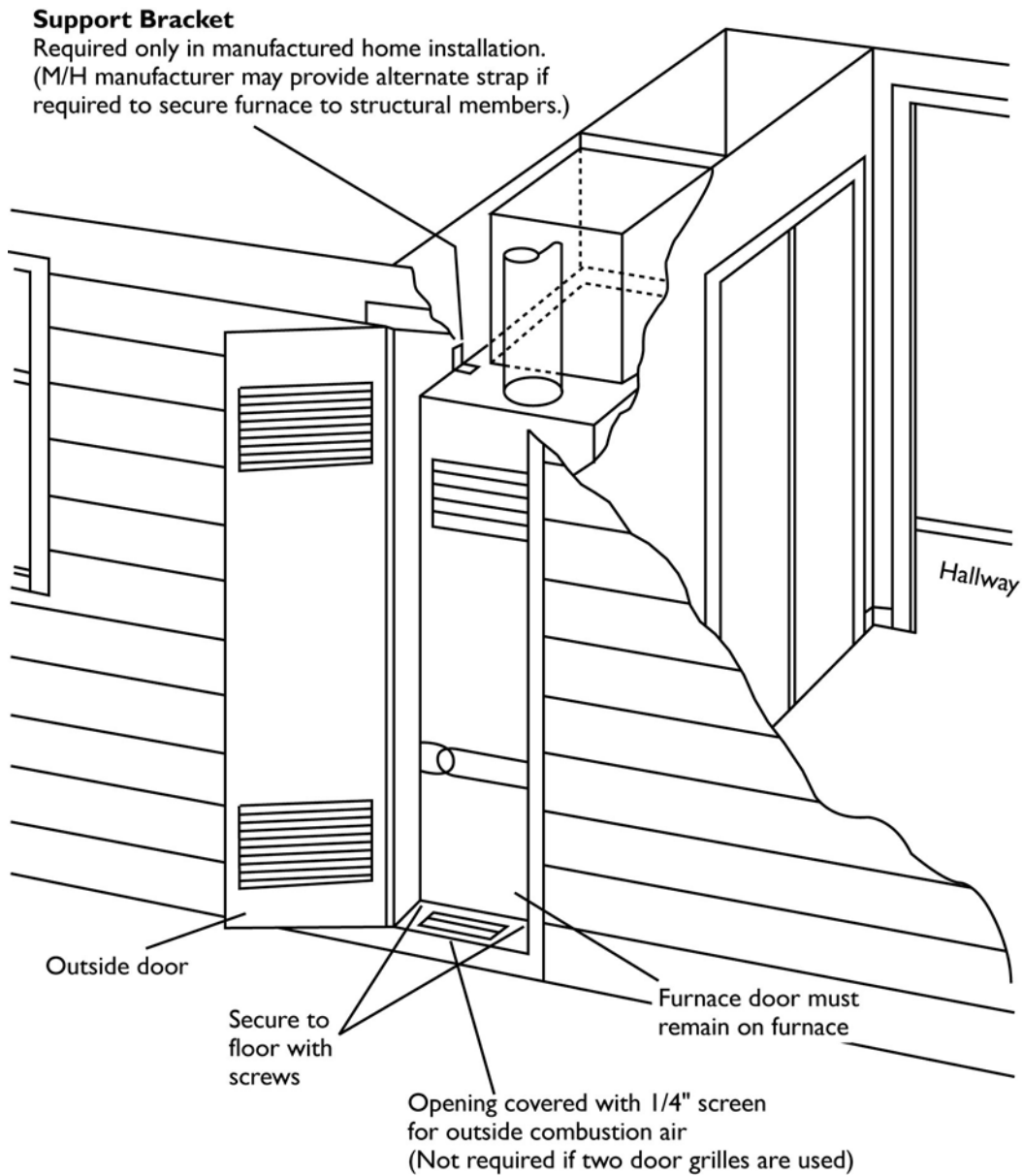
Direct Vent



METHOD TWO

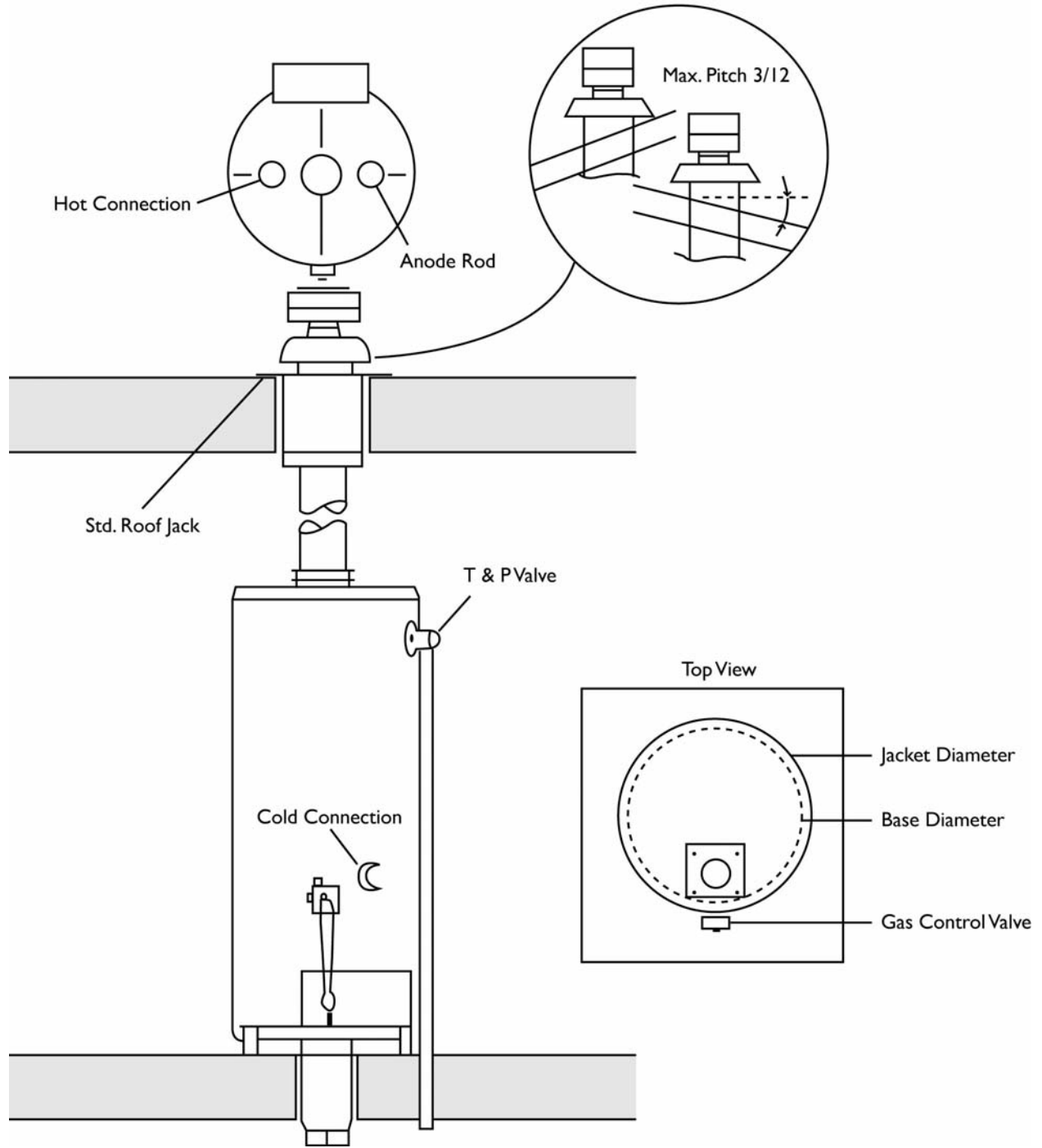
Separate Enclosure

Typical Closet Installation



METHOD ONE

Direct Vent Water Heater



METHOD TWO Separate Enclosure

