

Chapter 9

Preparation of Appliances

9-1 Clothes Dryer Vent

- When a manufactured dwelling is wired for a clothes dryer, the clothes dryer vent must exhaust to the exterior of the home, beyond the perimeter skirting.
- Exhaust ducts must be:
 - A minimum 4 inch diameter.
 - 30 gage rigid metal, semi-rigid metal, or flexible metal.
 - A maximum length of 25 feet. The length must be reduced by 2-1/2 feet for each 45 degree bend, and 5 feet for each 90 degree bend.
- Exhaust ducts may not terminate in a garage, under-floor area, or accessory structure.

Note: Manufactured dwelling installers and limited installers must install the clothes dryer exhaust duct and route it to the exterior perimeter of the manufactured dwelling. If the installer or limited installer does not install the skirting, the limited skirting installer must complete the dryer exhaust duct installation through the skirting.

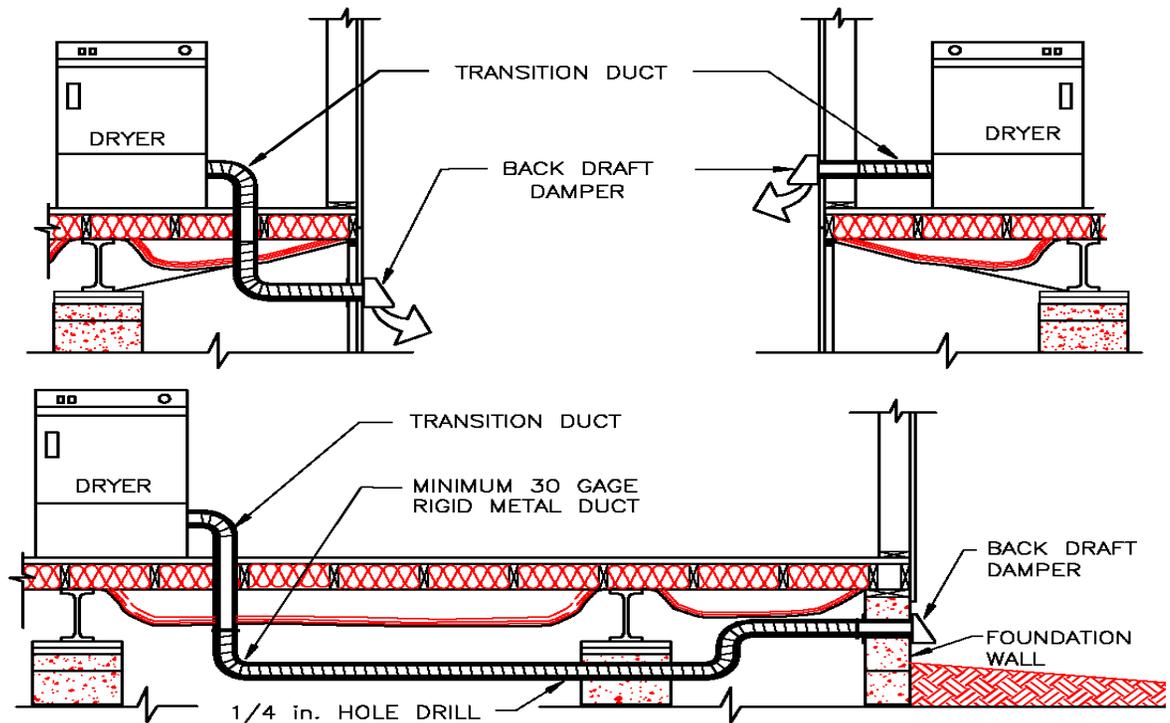


Figure 9-1.1 Typical Dryer Exhaust Duct Installation

9-2 Comfort Heating and Cooling Systems

Air conditioners and heat pumps may not exceed the rating shown on the home's compliance certificate and must be installed according to the equipment manufacturer's installation instructions. If the manufactured dwelling has a factory provided outlet for heating/air conditioning equipment, it must be equal to or greater than the minimum circuit ampacity identified on the equipment.

9-3 Solid Fuel-Burning Appliances

- Solid fuel-burning appliances may be installed in manufactured dwellings.
- Solid fuel-burning appliances must:
 - Be listed for use in manufactured dwellings or mobile homes.
 - Be installed according to 24 CFR 3280 (MHCSS), Section 3280.709, this code, and to the equipment manufacturer's installation instructions.
 - Be secured to the manufactured dwelling floor.
 - Not be installed in alcoves or sleeping areas, unless certain exceptions apply. See Section 9-3.2 Exception 1 and 2.
- Appliance chimneys, flues and vents may be shipped loose when they exceed the maximum heights permitted for highway travel or a part of an alternate construction home. Shipped loose portions of chimneys, flues, or vents must be installed according to the appliance manufacturer's installation instructions.
- The finished chimney must extend at least 3 feet above the highest point at which it penetrates the roof and at least 2 feet higher than any building or other obstruction located within a horizontal distance of 10 feet.

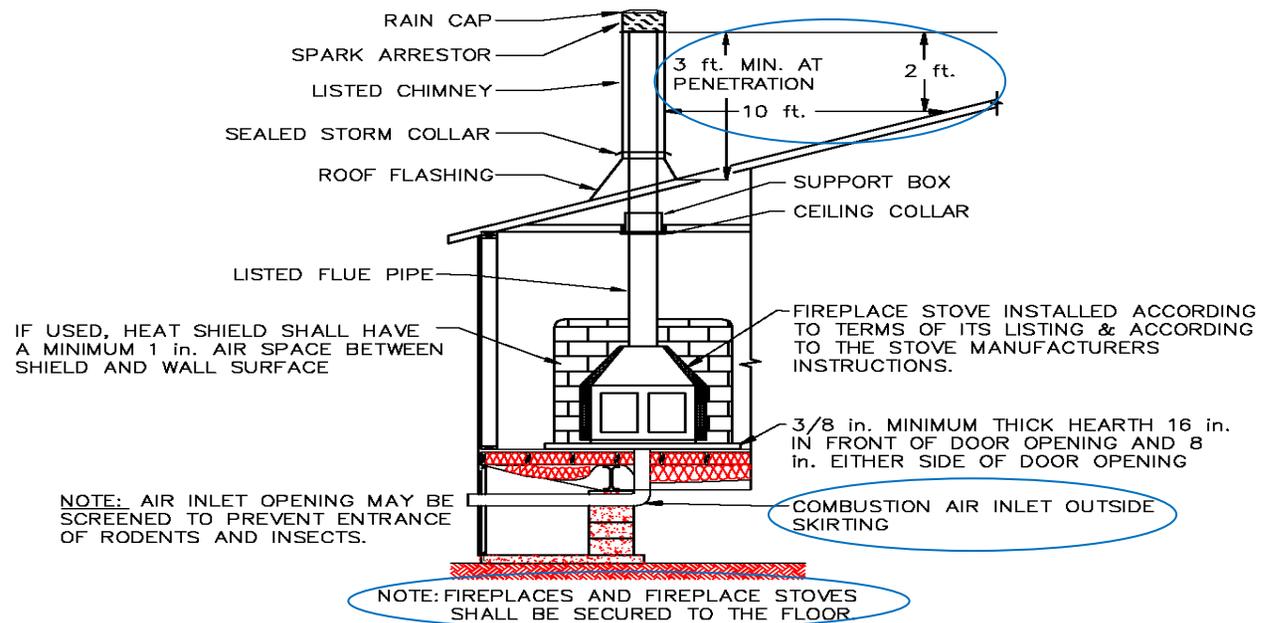


Figure 9-3.3 Typical Fireplace Stove Installation

9-4 Combustion Air Duct Inlets

- Combustion air intake ducts may not terminate under the home and must extend outside the skirting. See Figure 9-3.3
- The air intake ducts may not be installed in a garage cabana, basement, or other confined area.

9-5 Range, Cooktop, and Oven Venting

If the home is equipped with a combination range (cooktop/grill) or oven that contains its own exhaust system, the vent must exhaust to the exterior of the home. When the vent exhausts through the floor and if perimeter skirting is installed, the vent must extend through the exterior perimeter of the home.

9-6 Water Heaters

- Water heaters installed in a manufactured dwelling must be according to this section, and where not specific, to the manufacturer's installation instructions and the Oregon Residential Specialty Code.
- Water heaters installed in a manufactured dwelling during or prior to the initial sale to the first customer must be installed according to the manufactured dwelling manufacturer's installation instruction, consistent with 24 CFR 3280 (MHCSS). Water heaters must be listed for manufactured home or mobile home use.
- When water heaters are installed after the completion of the initial sales contract (new homes) or are installed as part of a secondary installation, they must be installed according to the following:
 - Listed, but do not have to be listed for manufactured home or mobile home use;
 - Installed according to the appliance manufacturer's installation instructions; and
 - If required to have a drain pan installed, the drain pan drain line must be routed in a manner to drain to the exterior of the manufactured dwelling. See Figure 9-6.3.
 - The water heater pressure relief valve drain line must discharge below the manufactured dwelling. (24 CFR 3280 (MHCSS), Section 3280.609)
- Fuel-burning water heaters must be installed to provide for the complete separation of the combustion system from the interior atmosphere of the manufactured dwelling by:
 - The installation of a listed direct vent (sealed combustion system) appliance; or
 - The installation of the appliance within an enclosure accessible only from outside the manufactured dwelling so as to separate the appliance combustion and venting systems from the interior atmosphere of the manufactured dwelling. There may not be any door, removable access panel, or other opening into the enclosure from the inside of the manufactured dwelling. Any opening or penetrations for ducts, return air inlets, piping, or wiring must be sealed with non-combustible caulking or equal.
- Fuel-burning water heaters must be equipped with a direct vent combustion air inlet designed to conduct air directly into the fire chamber. Combustion air may not be taken from within any manufactured dwelling wall, floor, ceiling, or crawl space.
- Fuel-burning water heaters may be chimneys, flues and vents may be shipped loose when they exceed the maximum heights permitted for highway travel or are part of an alternate construction home. Shipped loose portions of chimneys, flues, or vents must be installed according to the appliance manufacturer's installation instructions.

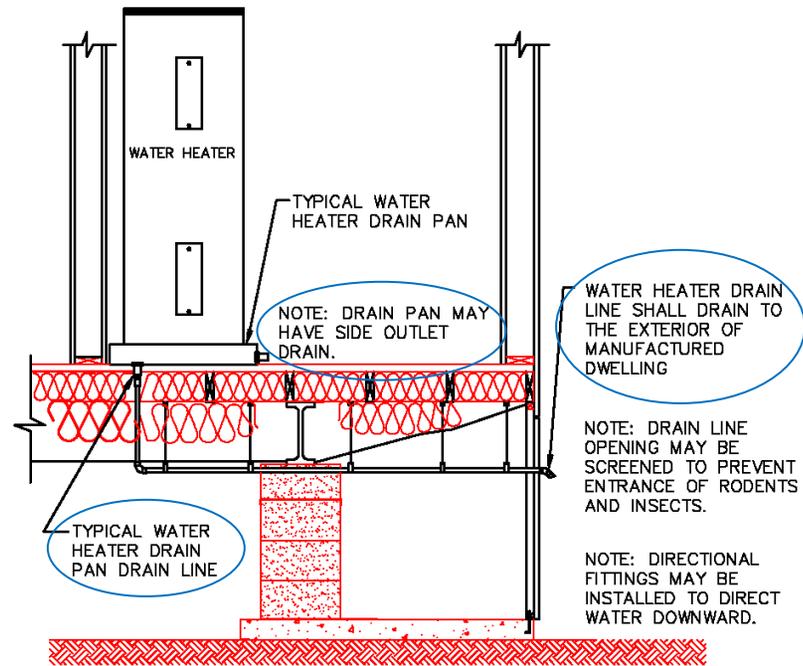


Figure 9-6.3 Typical Water Heater Drain Pan Drain Line

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