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(1) Furnace supply plenum is a plenum attached directly to, or an integral part of, the air supply outlet of the furnace.

(2) Furnace return plenum is a plenum attached directly to, or an integral part of, the return inlet of the furnace.

Quick-disconnect device means a hand-operated device which provides a means for connecting and disconnecting a gas supply or connecting gas systems and which is equipped with an automatic means to shut off the gas supply when the device is disconnected.

Readily accessible means direct access without the necessity of removing any panel, door, or similar obstruction.

Roof jack means that portion of a manufactured home heater flue or vent assembly, including the cap, insulating means, flashing, and ceiling plate, located in and above the roof of a manufactured home.

Sealed combustion system appliance means an appliance which by its inherent design is constructed so that all air supplied for combustion, the combustion system of the appliance, and all products of combustion are completely isolated from the atmosphere of the space in which it is installed.

Water heater means an appliance for heating water for domestic purposes other than for space heating.

§ 3280.703 Minimum standards.

Heating, cooling and fuel burning appliances and systems in manufactured homes shall be free of defects, and shall conform to applicable standards in the following table unless otherwise specified in this standard. (See §3280.4) When more than one standard is referenced, compliance with any one such standard shall meet the requirements of this standard.

### Appliances

- **Gas Clothes Dryers Volume 1, Type 1 Clothes Dryers—ANSI Z21.5.1—CSA 7.1-M99—1999 with Addendum Z21.3.1a-1999.**
- **Gas Fired Absorption Summer Air Conditioning Appliances—ANSI Z21.40.1/CGA 2.91-M961996.**
- **Household Cooking Gas Appliances—ANSI Z21.1-2000.**
- **Gas Water Heaters—Volume 1, Storage Water Heaters with Input Ratings of 75,000 BTU per hour or Less—ANSI Z21.10.1-1998 with Addendum Z21.10.1a-2000.**

### Ferrous Pipe and Fittings

- **Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless—ASTM A53–93.**
- **Pipe Threads, General Purpose (Inch)—ANSI/ASME B1.20.1–1983.**
- **Welding and Seamless Wrought Steel Pipe—ANSI/ASME B36.10–1979.**

### Nonferrous Pipe, Tubing, and Fittings

- **Standard Specification for Seamless Copper Water Tube—ASTM B88-95.**
- **Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service—ASTM B280, A-95.**
- **Standard for Gas Supply Connectors for Manufactured Homes—IAPMO TSC 9–1997.**
- **Standard Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tubes—ASTM B251-93.**
§ 3280.704 Fuel supply systems.

(a) **LP—Gas system design and service line pressure.** (1) Systems shall be of the vapor-withdrawal type.

(2) Gas, at a pressure not over 14 inches water column (½ psi), shall be delivered from the system into the gas supply connection.

(b) **LP-gas containers—(1) Maximum capacity.** No more than two containers having an individual water capacity of not more than 105 pounds (approximately 45 pounds LP-gas capacity), shall be installed on or in a compartment of any manufactured home.

(2) **Construction of containers.** Containers shall be constructed and marked in accordance with the specifications for LP-Gas Containers of the U.S. Department of Transportation (DOT) or the Rules for Construction of Pressure Vessels 1986, ASME Boiler and Pressure Vessel Code section VIII, Division 1 ASME Containers shall have a design pressure of at least 312.5 psig.

(i) Container supply systems shall be arranged for vapor withdrawal only.

(ii) Container openings for vapor withdrawal shall be located in the vapor space when the container is in service or shall be provided with a suitable internal withdrawal tube which communicates with the vapor space on or near the highest point in the container when it is mounted in service position, with the vehicle on a level surface. Containers shall be permanently and legibly marked in a conspicuous manner on the outside to show the correct mounting position and the position of the service outlet connection. The method of mounting in place shall be such as to minimize the possibility of an incorrect positioning of the container.

(3) **Location of LP-gas containers and systems.** (i) LP-gas containers shall not be installed, nor shall provisions be made for installing or storing any LP-gas container, even temporarily, inside any manufactured home except for listed, completely self-contained, hand torches, lanterns, or similar equipment with containers having a maximum water capacity of not more than 2½ pounds (approximately one pound LP-gas capacity).

(ii) Containers, control valves, and regulating equipment, when installed,