§ 3280.703

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.


EFFECTIVE DATE NOTE: At 78 FR 73987, Dec. 9, 2013, § 3280.702 was amended as follows, effective June 6, 2014.

a. Revise the definitions of “Class 0 air ducts,” and “Class 1 air ducts”;

b. Remove the definition of “Class 2 air ducts”;

c. Add in alphabetical order definitions of “Combination space heating and water heating appliance,” “Direct-vent system,” and “Direct-vent system appliance”;  
d. Remove the definition of “Energy efficiency ratio (EER)”;

e. Revise the definitions of “Heating appliance” and “Water heater”.

For the convenience of the user, the added and revised text is set forth as follows:

§ 3280.702 Definitions.

* * * * *

Class 0 air ducts and air connectors means air ducts and air connectors having a fire hazard classification of zero when tested in accordance with UL 181-2003, Factory-Made Air Ducts and Air Connectors (incorporated by reference, see §3280.4).

Class 1 air ducts and air connectors means air ducts and air connectors having a flame spread rating of not over 25 without evidence of continued progressive combustion and a smoke developed rating of not over 50 when tested in accordance with UL 181-2003, Standard for Safety-Factory-Made Air Ducts and Air Connectors (incorporated by reference, see §3280.4).

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Combination space heating and water heating appliance means a listed unit that is designed to provide space heating and water heating from a single primary energy source.

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Direct-vent system means a system or method of construction where all air for combustion is derived directly from the outside atmosphere and all flue gases are discharged to the outside atmosphere.

Direct-vent system appliance means an appliance that is installed with a direct vent system.

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Heating appliance means an appliance for comfort heating, domestic water heating, or a combination of comfort heating and domestic water heating.

* * * * *

Water heater means an appliance for heating water for domestic purposes.

§ 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


FERROUS PIPE AND FITTINGS

NONFERROUS PIPE, TUBING, AND FITTINGS

MISCELLANEOUS
AGA Requirements for Gas Connectors for Connection of Fixed Appliances for Outdoor Installation, Park Trailers, and Manufactured (Mobile) Homes to the Gas Supply—No. 3-87.

[58 FR 55015, Oct. 25, 1993, as amended at 70 FR 72946, Nov. 30, 2005]

Effective Date Note: At 78 FR 73987, Dec. 9, 2013, §3280.703 was amended as follows, effective June 6, 2014.
b. Under the undesignated heading “Nonferrous Pipe, Tubing, and Fittings,” revise the reference standard for “Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service”; and
c. Under the undesignated heading “Miscellaneous,” revise the reference standards
§ 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, shall be mounted on the “A” frame of the manufactured home, or installed in a compartment that is vapor-tight to the inside of the manufactured home.