

603.4.2 Portable Outdoor Gas-Fired Heating Appliances

Portable gas-fired heating appliances located outdoors shall be in accordance with Sections [603.4.2.1](#) through [603.4.2.3.4](#).

603.4.2.1 Location

Portable outdoor gas-fired heating appliances shall be located in accordance with Sections [603.4.2.1.1](#) through [603.4.2.1.4](#).

603.4.2.1.1 Prohibited Locations

The storage or use of portable outdoor gas-fired heating appliances is prohibited in any of the following locations:

1. Inside of any occupancy where connected to the fuel gas [container](#).
2. Inside of [tents](#), [canopies](#) and [membrane structures](#).
3. On exterior balconies.

Exception: As allowed in Section 6.22 of NFPA 58.

603.4.2.1.2 Clearance to Buildings

Portable outdoor gas-fired heating appliances shall be located not less than 5 feet (1524 mm) from buildings.

603.4.2.1.3 Clearance to Combustible Materials

Portable outdoor gas-fired heating appliances shall not be located beneath, or closer than 5 feet (1524 mm) to combustible decorations and combustible overhangs, [awnings](#), sunshades or similar combustible attachments to buildings.

603.4.2.1.4 Proximity to Exits

Portable outdoor gas-fired heating appliances shall not be located within 5 feet (1524 mm) of [exits](#) or [exit discharges](#).

603.4.2.2 Installation and Operation

Portable outdoor gas-fired heating appliances shall be installed and operated in accordance with Sections [603.4.2.2.1](#) through [603.4.2.2.4](#).

603.4.2.2.1 Listing and Approval

Only listed and approved portable outdoor gas-fired heating appliances utilizing a fuel gas [container](#) that is integral to the appliance shall be used.

603.4.2.2.2 Installation and Maintenance

Portable outdoor gas-fired heating appliances shall be installed and maintained in accordance with the manufacturer's instructions.

603.4.2.2.3 Tip-Over Switch

Portable outdoor gas-fired heating appliances shall be equipped with a tilt or tip-over switch that automatically shuts off the flow of gas if the appliance is tilted more than 15 degrees (0.26 rad) from the vertical.

603.4.2.2.4 Guard Against Contact

The heating element or combustion chamber of portable outdoor gas-fired heating appliances shall be permanently guarded so as to prevent accidental contact by persons or material.

603.4.2.3 Gas Containers

Fuel gas [containers](#) for portable outdoor gas-fired heating appliances shall comply with Sections [603.4.2.3.1](#) through [603.4.2.3.4](#).

603.4.2.3.1 Approved Containers

Only approved DOTn or ASME gas [containers](#) shall be used.

603.4.2.3.2 Container Replacement

Replacement of fuel gas [containers](#) in portable outdoor gas-fired heating appliances shall not be conducted while the public is present.

603.4.2.3.3 Container Capacity

The maximum individual capacity of gas [containers](#) used in connection with portable outdoor gas-fired heating appliances shall not exceed 20 pounds (9 kg).

603.4.2.3.4 Indoor Storage Prohibited

Gas [containers](#) shall not be stored inside of buildings except in accordance with [Section 6109.9](#).