

Protecting Propane Containers

Valves, regulators, gauges, piping, tubing, hose and other equipment must be protected against damage.

Containers located in areas with vehicle traffic (this includes driveways) must be protected from physical damage by posts or guard rails.

Depending on the propane container's size, there are clearance restrictions for proximity to flammable or combustible liquids.

For tanks 2,000 USWG or larger, there are clearance restrictions for electrical wires.

A propane container **cannot be filled**:

- if within 3 meters (10 feet) from any source of ignition
- If within 3 meters (10 feet) from the air intake of any appliance or air moving equipment
- If installed in a location that is not well ventilated
- If located in a building (a propane tank may never be located in a building)



More information on propane container regulations and propane safety can be found at:

CSA Group Standards www.csagroup.org
CSA-B149.1 Natural Gas and Propane Installation Code
CSA-B149.2 Propane Storage and Handling Code

Canadian Propane Association
www.propane.ca

Technical Safety BC
www.technicalsafetybc.ca
1-866-566-7233

Propane Container Safety

Tips for ensuring your propane container is located in an area that meets all regulatory requirements, and that the area around your propane container is free of readily ignitable materials.



www.supersave.ca





Fire Safety

Regulations dictate that the area within 3 meters (10 feet) of the propane container must always be free of readily ignitable materials.

Readily ignitable materials include:

- Weeds
- Long dry grass
- Vegetation
- Hedges
- Organic debris
- Wooden fences or combustible decorative items used to hide the container

Clearance Restrictions

**Location of Above Ground Tanks for Consumer Applications
(limited to vapour withdrawal and/or liquid withdrawal to a vaporizer)**

Total aggregate water capacity, USWG (L)	Minimum distance between tank and property line; adjacent concrete or masonry building wall with no building openings within the specified clearances; or source of ignition*	Minimum distance between tank and building wall of other than concrete or masonry construction	Minimum distance between tank and building opening	Minimum distance between tank and adjacent tank**
Up to and including 125 (475)	None (property line and building) 10 ft (3m) from any source of ignition	None	3 ft (0.9m)	None
Over 125 (475) up to and including 1000 (3800)	10 ft (3m)	10 ft (3m)	10 ft (3m)	3 ft (0.9m)
Over 1000 (3800) up to and including 2000 (7800)	10 ft (3m)	25 ft (7.6m)	25 ft (7.6m)	3 ft (0.9m)
Over 2000 (7800) up to and including 5000 (19 000)	15 ft (5m)	25 ft (7.6m)	25 ft (7.6m)	3 ft (0.9m)
Over 5000 (19 000) up to and including 10 000 (38 000)	25 ft (7.6m)	25 ft (7.6m)	25 ft (7.6m)	3 ft (0.9m)
Over 10 000 (38 000)	At the discretion of the authority having jurisdiction			

Table 7.4 from CSA B149.2-15 Propane Storage and Handling Code

*Distances to property lines may be amended by the authority having jurisdiction

**If tanks of a multiple tank installation are installed on a common base or pier, the clearances may be reduced at the discretion of the authority having jurisdiction.