

This guide highlights the life expectancy of residential heating oil tanks and is produced by the Quebec Heating Oil Association (AQCM), in collaboration with the Association québécoise des indépendants du pétrole (AQUIP) and major North American residential oil tanks' manufacturers.

It is intended for information purposes only, and chiefly for the use of insurance companies and brokers.

PREAMBLE

Drawing on their decades-long expertise and motivated by a desire for transparency, information sharing, and consolidation, the Associations felt it important and timely to together develop a guide on the life expectancy of residential heating oil tanks. In doing so, they hope to contribute to, among other things, facilitate the work of the insurance industry players.

The rationale behind this approach bears some explanation, however, as do the reasons which compel us to publish a guide on the approximate life expectancy of such tanks as opposed to their maximum useful life.

WHY THIS GUIDE?

The industry is certain that the installation and use of heating oil tanks is generally compliant with current Canadian legislation and codes. However, this does not detract from the fact that tanks are exposed to environmental conditions that differ from one region to another. For instance, tanks installed along the coast, in humid basements or near roads, are all exposed to conditions that may affect some tanks' useful life. Such conditions are beyond our control and this constitutes our main motivation for publishing a guide on the life expectancy of tanks rather than strict operating guidelines.

This guide is offered to insurers in order to empower them to answer homeowners' questions. It includes a table indicating the approximate service life of tanks, for informative purposes only and not binding for the Associations. Moreover, the table will enable brokers and representatives to become familiar with residential heating oil tanks.

For further information, contact **514-285-1150** or visit **www.lemazout.org** or **www.aquip-petrole.com**

Life Expectancy

BY TYPE OF TANK

Type of Tank	Life expectancy for indoor use	Life expectancy for outdoor use
14 g*, single-wall end outlet	15 years	10 years
14 g*, single-wall bottom outlet	20 years	15 years
12 g*, single-wall end outlet	20 years	15 years
12 g*, single-wall bottom outlet	25 years	20 years
14 g* single-wall double bottom	50 years	50 years
Non-metal single-wall	50 years	50 years
Non-metal double-wall	50 years	50 years
Underground tank	n/a	n/a

* g : indicates the gauge used.

✓ For steel tanks, the Quebec Heating Oil Association (AQCM) recommends the installation of tanks with a bottom fuel outlet.

Each tank must be installed by a contractor accredited by the Corporation of Master Pipes Mechanics of Quebec (CMMTQ) and must comply with CSA installation code B139-04 and chapter 8 of the Quebec Construction Code **www.cmmtq.org**

GUIDE TO RESIDENTIAL

Heating Oil Tanks



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RESIDENTIAL HEATING OIL TANKS

Guide to tank life expectancy



12g* single-wall tank – bottom fuel outlet

Made of 2.3 mm thick steel, with a fuel outlet located underneath the tank, near one end.



14g* single-wall tank – double bottom

Made of 2.0 mm thick steel, with a double bottom and equipped with a factory-installed leak detection system. Fuel outlet located underneath the tank, near one end.



Non-metal double-wall

Polyethylene inner tank with a galvanized sheet outer jacket and equipped with an optical leak detection system.



Non-metal double wall

100% fibreglass and resin construction, equipped with an optical leak detection system with an outlet connection at the base or on top, for indoor or outdoor use.



Non-metal single-wall

100% fibreglass and resin construction with outlet connection at the base or on top, for indoor or outdoor use.

14g* single-wall tank – bottom fuel outlet

Made of 2.0 mm thick steel, with a fuel outlet located underneath the tank, near one end.

14g* single-wall tank – end fuel outlet

Made of 2.0 mm thick steel, with a fuel outlet located at the bottom of one end.

12g* single-wall tank – end fuel outlet

Made of 2.3 mm thick steel, with a fuel outlet located at the bottom of one end.

*g : indicates the gauge used.
Images provided for illustrative purposes only.

