

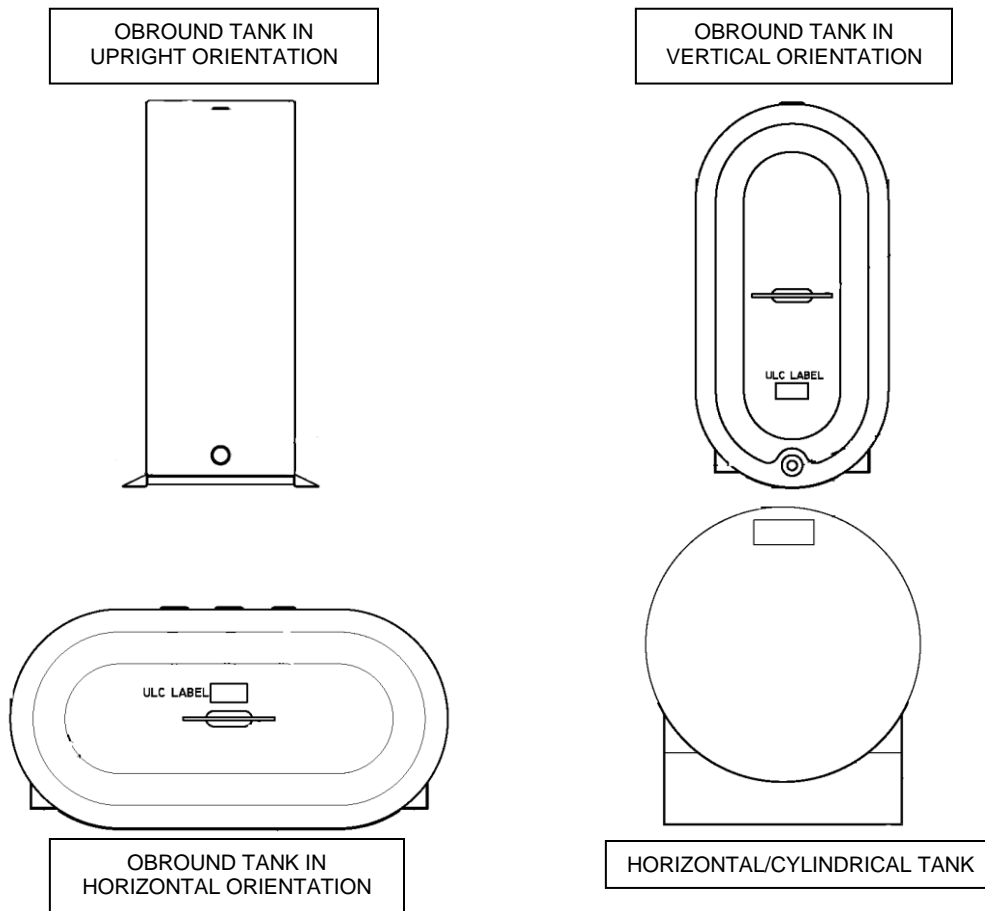
ARICHAT METAL FABRICATION LTD

5005 HWY 320
P.O. Box 4000
Arichat, N.S B0E 1A0

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Fax: (902) 226-0415
E-mail: info@arichatmetal.com
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INSTALLATION INSTRUCTIONS & MAINTENANCE RECOMMENDATIONS

These installation instructions and maintenance recommendations apply to aboveground steel storage tanks manufactured by ARICHAT METAL FABRICATION LTD consisting of the following tank designs: (1) Single-wall obround in upright orientation; (2) Single-wall and double bottom obround in vertical and horizontal orientations; and (3) Single-wall and double bottom horizontal cylindrical, which bear the ULC mark. These tanks must be installed in accordance with CAN/CSA-B139, Installation Code for Oil-Burning Equipment. A licensed tank installer recognized by the Authority Having Jurisdiction must be used for tank installations. The tank installer shall ensure that all Federal, Provincial and Local codes are met prior to and at the time of installation.



LIFTING & HANDLING:

THE TANK MUST BE MOVED ONLY WHEN EMPTY and shall not be dropped or damaged under any circumstances. The tank is to be lifted or moved by means of the handles or lifting lug(s) supplied. The tank is shipped with temporary caps or plugs, and all unused openings shall be replaced with liquid-tight metal closures that are resistant to the intended product to be stored, prior to placing the tank in service.

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TANK PLACEMENT:

Tanks with 2500 litre or less capacity must be installed a minimum of 250 mm from any wall and 200 mm from the floor to allow for visual inspection from all sides. The ULC label must remain visible. It is recommended that the tank be installed on a rigid, noncombustible base to prevent shifting, settling or falling and located in an area that is not likely to be disturbed by traffic or everyday activities. No items are to be stored underneath or directly on top of the tank. The installer must maintain a 10 mm per 500 mm slope towards the drain of a bottom outlet tank to prevent water collection in the tank.

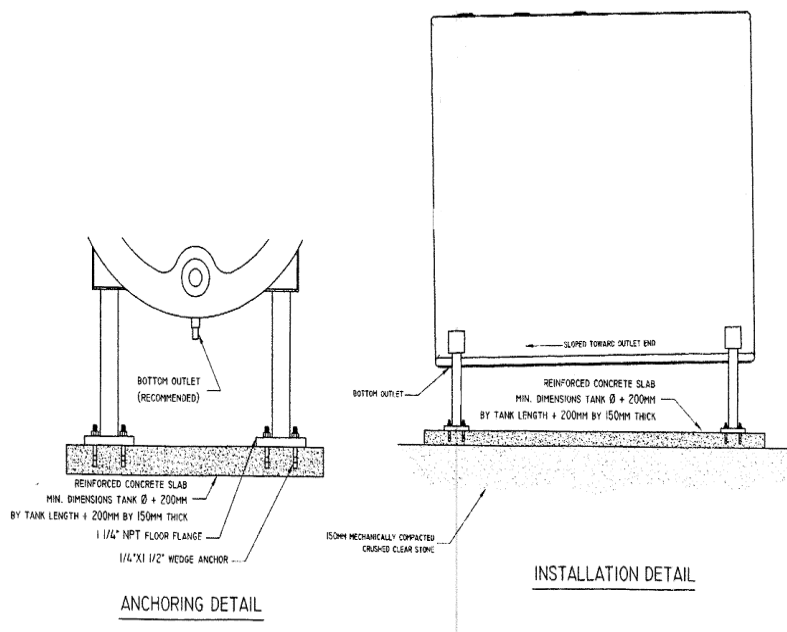
EMERGENCY VENTING:

The primary and secondary normal/emergency vents are to be piped to the outside of the building to meet local codes and regulations for inside installations.

The primary and secondary normal/emergency vent pipe and rain hoods shall be installed in accordance with CAN/CSA-B139 Standard and local codes for outside installations.

INDOOR/OUTDOOR ANCHORING METHOD FOR OBROUND TANKS IN VERTICAL ORIENTATION:

Obround tanks in the vertical orientation must be secured to a concrete base using 4 - 1 1/4" NPT floor flanges threaded onto the bottom of the legs and held in place using 16 - 1/4" by 1/2" concrete wedge anchors (Refer to installation details below). The tank location must be finalized and the holes marked onto the concrete base through the holes in the floor flanges. The tank must then be moved out of the way and the anchors installed. Once all 16 anchors have been installed, the tank must be put back into place and secured to the concrete pad using the anchors.



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TESTING:

All tanks are tested prior to shipment from the factory in accordance with CAN/ULC-S602: 2014-AMD1 Standard. The tank is to be tested by the installer prior to installation. After the tank has been installed, the licensed installer or his representative must be on site to visually inspect for leaks during the first fill of the tank, if tanks are not filled immediately following installation, all lines shall be blocked and the fill piping marked to avoid inadvertent filling.

MAINTENANCE RECOMMENDATIONS

Once purchased, the tank is the property of the individual homeowner and it is their responsibility to maintain and inspect the tank on a regular basis or subscribing to a regular scheduled inspection and maintenance program through a licensed oil heating contractor. Tank inspection should be performed on a yearly basis, preferably just after the heating season. Should any work be required on the tank base due to ground movement, a licensed tank installer should be used. Tank contents should be checked annually for water or possible corrosive substances that could be present and have them removed from the tank.

All tanks must be coated with a corrosion-resistant paint/coating after purchase. Arichat Metal tanks can be purchased with either shop primer only or coated with an epoxy paint. Tanks with an epoxy paint coating shall be inspected upon delivery and any blemishes repaired immediately. Tanks with shop primer only should be coated with a suitable paint/coating applied as per the paint/coating manufacturer's instructions prior to placing the tank in service.

Internal corrosion of a tank may be a problem in specific geographical areas. Corrosion has primarily been caused by bacterial contamination of the fuel as well as the presence of chlorides in the water accumulated at the bottom of the tank. Internal corrosion may be controlled by the establishment of maintenance procedures that include, but are not limited to, the following:

- (A) Inspecting for, and removal of, the water in the bottom of the tank; and
- (B) The addition of bactericides to the fuel at the time of delivery.

**TRANSFER OF PRODUCT FROM AN EXISTING FUEL TANK TO A NEW TANK
WILL VOID THE TANK'S WARRANTY AND ARICHAT METAL FABRICATION
LIMITED WILL NOT BE LIABLE FOR ANY DAMAGES FROM SPILLED PRODUCT.
TRANSFER OF PRODUCT FROM AN EXISTING FUEL TANK CAN CAUSE
PREMATURE FAILURE OF A NEW TANK.**

DOUBLE BOTTOM TANK MONITORING SYSTEM:

ARICHAT METAL FABRICATION LTD's double bottom tank design is provided with an internal monitoring tube containing a red leak indicator flag. Should leakage occur from the primary tank into the double bottom monitoring area, the red leak indicator flag will become visible in the clear threaded cap that is located on the top of the tank. If the red leak indicator flag is visible, immediately contact your burner service company and inform them that your tank may have a rupture. The clear threaded cap located on the top of the tank is for monitoring purposes and is not to be tampered with or used for any other purposes and it must remain capped at all times.

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ARICHAT METAL FABRICATION LTD DOMESTIC TANK WARRANTY

Warranty is 15 years on a 2.5 mm (12 ga) DOUBLE BOTTOM tank, on welds and workmanship.

Arichat Metal Fabrication Limited holds \$2,000,000.00 environmental damage coverage per incident in the case of faulty welds and workmanship leading to the release of product under the following conditions:

For warranty to be valid, the following conditions must be met:

- 1) The tank must be installed by a qualified and licensed tank installer.
- 2) The tank must be installed in accordance with all applicable installation codes.
- 3) Transfer of product from an existing tank into a new tank will void manufacturer's warranty.
- 4) The tank must not be modified, neglected, altered, tampered with, vandalized, abused, moved after installation, misused or otherwise subjected to accident, fire, flood or other casualty.
- 5) The tank must be returned to manufacturer for inspection. The tank will be repaired or replaced; labor charges are not included. Arichat Metal Fabrication Ltd will not be responsible, accountable or accept any liability whatsoever for any environmental damage, loss or clean-up.
- 6) Original purchase of sale is required to validate warranty. The serial number must be recorded by way of this document and or by a picture of the installed tank showing the serial number on the tank tag.
- 7) Arichat Metal must be contacted immediately upon notice of any damage, weeps or leak to the tank.

Name of Owner: _____
Installation Address of Tank: _____
City: _____ Province: _____ Postal Code: _____
Name of Installer/Company: _____
Installer/Company's Address: _____
City: _____ Province: _____ Postal Code: _____
Date Installed: _____ Date Manufactured: _____
Tank Serial#: _____

PLEASE KEEP THIS DOCUMENTATION IN A SAFE PLACE