



Recommended Hole Dimensions - 126" Long x 90" Wide x 78" Deep with a 4" - 6" base of appropriate bedding material

When installing two or more cisterns, leave enough space between the tanks that your excavator bucket will fit for proper backfilling.

NOTES

- 1" Potable Mastic Placed Between Riser and Lid and Between Lid and Tank
- 1.25" Brass Couplings Cast Into Both Ends (Other Sizes Available as Special Order)
- Fiber Reinforced Concrete (4000 PSI)
- #4 Rebar 12" O.C. E.W. in Lid
- 6x6 8x8 Steel Mesh in Wall and Floor and #3 Rebar Around Upper Lip of Tank
- 4" Locking Caps and 2" Vents Available for an Additional Cost (Commercial Applications)

TITLE

1500 Gallon Water Cistern

DATE 3/01/19

REVISION 1.1

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Recommended Cistern Installation Guidelines

1. Cisterns should be located:
 - In a non-traffic area.
 - At least 10 feet from any foundation.
 - 50 feet from wastewater treatment drain fields.
 - 25 feet from septic tanks.
 - Away from tree, root or brush zones.
 - Where there is positive drainage away from the cistern.
2. The recommended hole dimensions for our cisterns are printed on the opposite page.
3. The cistern hole should have a firm and level base of appropriate bedding material.
4. High-density insulation board can be installed on top of the cistern for an additional frost barrier.
5. The cistern must be backfilled and compacted before filling with water.
6. The access riser should be at least 12 inches above the finished grade.
7. Don't overfill the cistern to where the water goes up into the risers.
8. The cistern should be inspected and cleaned on a regular basis.