



INSTALLATION INSTRUCTIONS 300 & 500 Gallon Septic Tanks

Excavation

- 1a. **For the 300 Gallon tank**
The depth of the hole must be 75" (191 cm) without the manhole extension, or 95" (241 cm) with the manhole extension, and 65" (165 cm) in diameter.
- 1b. **For the 500 Gallon tank**
The depth of the hole must be 87" (221 cm) without the manhole extension, or 107" (272 cm) with the manhole extension, and 71" (180 cm) in diameter.

This provides enough space for the tank and an additional sidewall allowance of 9" (23 cm) which is necessary for compaction of backfill

2. The base must be level and firm
3. The minimum backfill cover at the top should be 6" (15 cm), the maximum 30" (76 cm)

Bedding

Bedding should be a well-compacted sand and gravel mixture with a minimum depth of 10" (25 cm)

Dry Ground Installation

1. Ensure that the tank is in a level, vertical position and that the ports marked "IN" and "OUT" are in their correct positions.
2. Before backfilling, pump water into tank to just below the "OUTLET" pipe.
3. Backfill to a minimum of 9" (23 cm) thickness. The backfill material must be well-rounded aggregate of up to 1/2" (1.3 cm) in diameter and must be free from large stones, bricks or sharp objects. Tamp around tank.
4. Backfill cover should not exceed 30" (76 cm).

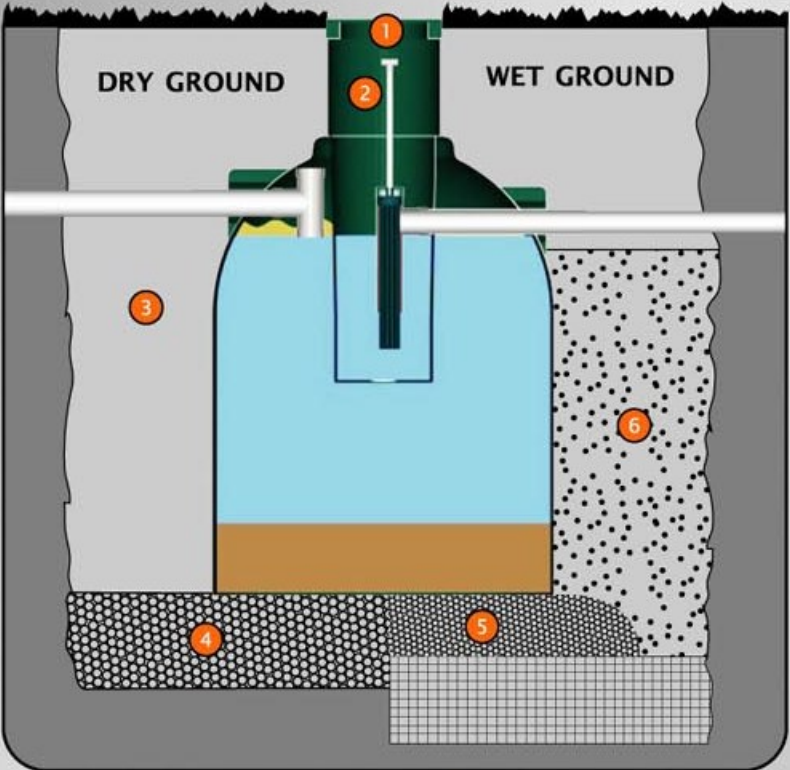
Wet Ground Installation

For areas with a high water table, the tank must be anchored securely in concrete.

1. At the base of the excavation, place a concrete layer of 10" (25 cm) in thickness. Ensure that the tank is in a level, vertical position and that the ports marked "IN" and "OUT" are in their correct positions.
2. After the initial concrete has reached its initial set, pump water into tank to just below the "OUTLET" pipe and commence backfilling.
3. Backfill around the tank with concrete, ensuring a minimum thickness of 9" (23 cm).

WARNINGS

- Never use sharp objects around the tank, as they may puncture the tank.
- DO NOT install tank in the path of heavy equipment or vehicular traffic.
- Tanks are designed for underground use only.
- Upon pumping out the tank for routine maintenance, the tank should be refilled immediately. The septic tank may collapse if left empty underground.



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| 1 Screw top cover. | 4 Bedding material 10" (25cm) min. |
| 2 Manhole extension (optional) | 5 10" (25cm) concrete layer. |
| 3 Backfill material (well-rounded aggregate). | 6 Concrete backfill. |



Unit 4B, Marcus Garvey Drive,
Garmex Complex, Kingston13
Tel: 901-0023 · Fax: 937-0529
e-mail: rhinojam@jamweb.net