

# RHINO

Low Profile  
SEPTIC TANK

750  
GAL

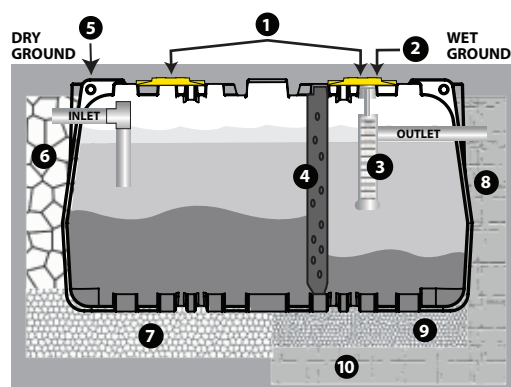
Tank dimensions:  
L - 90" (229 cm)  
W - 58.5" (149 cm)  
H - 52" (132 cm)

# INSTALLATION INSTRUCTIONS

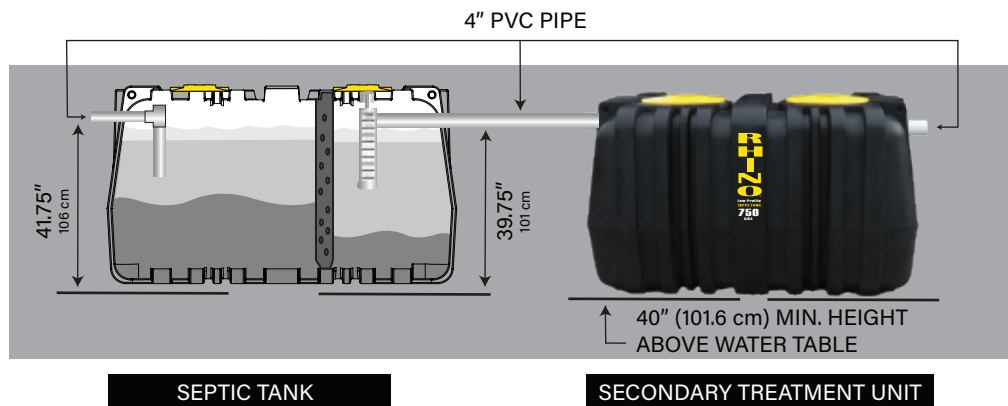
## 750 Gallons (2840 litres) - 10 Users Max.

(Based on toilet waste only)

Retention Time: 24 hours



- 1 Tank Cover & Pumpout/Inspection Port
- 2 Filter Access Port
- 3 Effluent Filter
- 4 Baffle Wall
- 5 Lifting Eyes
- 6 Backfill Material (Well-Rounded Aggregate)
- 7 Bedding Material 10" / 25 cm (Sharp Sand)
- 8 Concrete Backfill
- 9 Bedding Material 4" / 10 cm (Sharp Sand)
- 10 Concrete Layer at least 6" / 15 cm



SEPTIC TANK

SECONDARY TREATMENT UNIT

### EXCAVATION

1. The hole must be 110" (279 cm) in length, 78" (198 cm) in width and 62" (157 cm) in depth.  
*If Risers are installed (optional), the hole must be dug accordingly.*
2. The base must be firm and levelled.

### DRY GROUND INSTALLATION

1. At the base of the excavation, prepare the bedding using well-packed sharp sand with a minimum depth of 10" (25 cm).
2. Use the Lifting Eyes to carefully place the tank on prepared bedding. Ensure that the tank is levelled and that the ports marked "IN" and "OUT" are in their correct positions.
3. Before backfilling, place 12" (30.5 cm) of water into the tank. Keep the water level in the tank at the same height as the backfill while backfilling progresses.
4. Begin to backfill at one side of the tank first, and then continue around the perimeter of the tank in 12" (30.5 cm) layers. The backfill material must be well-rounded aggregate  $\frac{3}{8}$ " -  $\frac{1}{2}$ " (0.95 cm - 1.3 cm) in diameter and must be free from large stones and sharp objects. Red sand, soil or clay should **not be used** for backfilling. Compress around the tank.

### WET GROUND INSTALLATION

1. At the base of the excavation, cast a steel re-enforced, levelled concrete layer of at least 6" (15 cm) thick.
2. After the concrete has reached its initial set, add well-packed sharp sand until a combined height of 10" (25 cm) is obtained with the concrete layer and sharp sand.
3. Use the Lifting Eyes to carefully place the tank on prepared bedding. Ensure that the tank is levelled and that the ports marked "IN" and "OUT" are in their correct positions.
4. Place 12" (30.5 cm) of water into the tank; continue to backfill around the tank with concrete. Keep the water level in the tank at the same height as the concrete. Ensure a minimum thickness of 10" (25 cm).

**NOTE: NEVER BACKFILL ON ONE SIDE ONLY. BACKFILL AROUND THE TANK UNIFORMLY.**

### FILL HOLE & COVER TANK

1. The minimum backfill cover at the top should be 6" (15 cm) while the maximum backfill cover should be 18" (46 cm).

### WARNING:

- Never use sharp objects around the tank as they may puncture the tank.
- The tank inspection port should not be buried to allow for inspection and maintenance.
- The tank is designed for **underground use only**.
- The tank should always be filled with water and refilled immediately after emptying. The septic tank may collapse if left empty underground.
- Avoid pumping the tank below the water table.
- Keep away from large roots or rocks.
- No heavy load (vehicles, etc.) should be superimposed directly on the tank or within a 10' (3 meters) radius of the tank.
- **Failure to adhere to Manufacturer's instructions will void the warranty.**



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