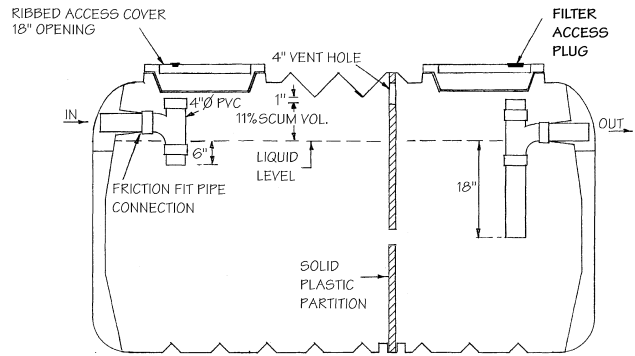
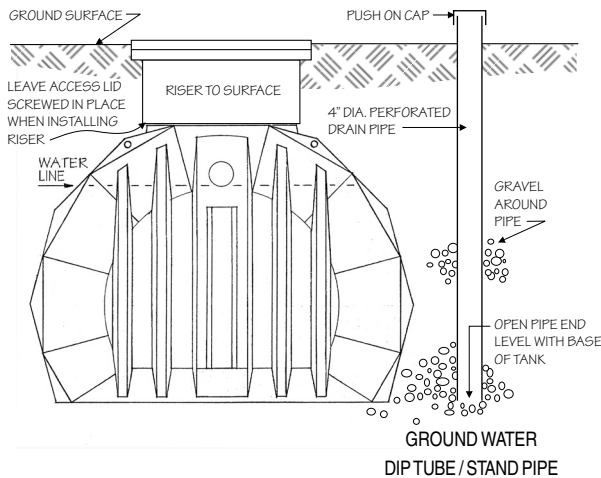


UNDERGROUND TANK INSTALLATION



★ **IMPORTANT: WARRANTY VOID IF INSTRUCTIONS NOT EXPRESSLY FOLLOWED.**

INSTALLATION CONSIDERATIONS:

- Tanks are designed for burial, however, Supertanks and Fat Alberts can be installed above ground.
- Tanks are approved for a maximum burial depth of **TWO FEET** above the top, or earth cover load of **300 lbs./sq.ft.**, unless otherwise approved.
- Use **Extra-Heavy weight (EH) tanks for cover up to four feet.**
- Do not locate under pathway of vehicles or heavy equipment.
- Keep away from large roots and rocks.
- Avoid placing tank in areas with high water table.** Use reinforced tank in high water table location.
- Avoid placing tank in wet clay soils.**
- Deflect surface run-off away from tank area. Fresh backfill is porous. Runoff can back up around tank.

Contact local Health Department for specific requirements.

★ **QUESTIONS?** ★
Call 1-800-661-4473



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INSTALLATION PROCEDURE:

EXCAVATION:

- Select site with good sub-soil drainage.
- Allow clearance around the tank to properly place and compact backfill around the lower half of the tank.
- Provide well-compacted or undisturbed bedding of sand/gravel mixture or clean, granular soil: 6" minimum in rock terrain. Shape bedding to suit underside of tank.

PLACING THE TANK:

- Check before placing tank:
 - Serial number (for Warranty Form).
 - Orientation of inlet and outlet.
 - Shipping damage.
 - Use a pipe level across access cover to level inlet and outlet. It is important that the outlet is below level of inlet.
- CAUTION: Handle with care. A severe impact could crack the tank, especially in cold weather.**

AVOIDING FLOTATION OR DISTORTION:

- All tanks risk floating or distortion at the base if pumped out during periodic high water table. Keep tank filled or partially filled during extreme wet conditions. **Fill after installation.**
- For testing water table level, install vertical length of 4" perforated drainage pipe beside tank with removable cap at grade level. Affix label provided to standpipe.**
- ★ **DO NOT PUMP TANK OUT BELOW WATER TABLE LEVEL.** If on sloped ground, run horizontal drainage line from around bottom of tank out to ground surface, downhill from tank.

BACKFILLING:

- Tank must be backfilled when either empty or no more than 30% full.
No water is required for the backfilling process. If filled for leak testing, drain tank to 30% or less prior to backfilling.
- ★ **ACCESS LIDS MUST BE KEPT SCREWED IN PLACE TO AVOID POSSIBLE MANWAY DISTORTION OR FAILURE. LIDS NOT SCREWED ON WILL VOID WARRANTY.**
- Backfill with 12" maximum layers of granular soil or clean fill and trample evenly. **NO CLAY BACKFILL.**
Important: Ensure backfill is properly placed and compacted around the lower half of the tank. Do not machine compact close to tank. Do not dump large volumes of fill close to tank.
- Check levelling of tank periodically during backfilling.
- Be sure to compact backfill under the inlet and outlet pipes where pipes cross excavated area.
- If tank is warm from sunlight, allow to cool before completing backfilling.
- Fill tank immediately after backfilling.
- Use waterproof tape to seal lids.

PIPE CONNECTIONS:

- Make septic connections to pre-plumbed tank only when tank is unlikely to shift during remaining backfilling.
- USE MIN. 3 FT. FLEXIBLE DISCHARGE FROM SUMP PUMPS TO ALLOW MOVEMENT**
- Install 90 degree elbows at outlet bulkhead fittings to allow pipes to deflect with tank expansion (water tanks).
- All water tanks must be vented with minimum 2" dia. pipe.