Underground Septic Tank Installation Instructions

www.valenciapipe.com
(661) 257-3923
info@valenciapipe.com

Septic Tanks are for UNDERGROUND use only. Failure to comply will void all warranties.

Consumer Tank Information
Note for your personal records

Date Purchased: _____
Date Installed: _____
Model #:_____
Serial Number:_____
Purchased at:_____

Always be sure to check your local codes relative to underground tank installations. Some states, counties, and/or municipalities have very strict codes, especially regarding septic tanks. Septic tanks may not be returned due to inspector rejections after installation.

VPC Underground Tanks



1500g Septic Tank
(1 or 2 compartments)
87-41758 / 87-41760



1000g Septic Tank
(1 or 2 compartments)
87-41718 / 87-41720



500g Septic Tank
(1 compartment only)
87-41320

How To Interpret The Serial #
Letter = Our manufacturing facility
123456 = Month/Day/Year
78 = Tank Mfg Sequence
Example: K06212492 = 92nd tank made on June 21, 2024 at our Oklahoma facility

Site Preparation & Tank Placement

1. Always call 811 before you dig.
2. Dig a hole that will provide a minimum of 6" and a maximum of 30" of cover over the top of the tank.
    - Allow 18" to 24" on both sides and both ends of the tank.
        - Possible tank collapse could occur if these allowances are not provided and may void the warranty.
3. Bedding material:
    - Well packed sand is the preferred bedding material.
        - 6" for regular soil terrain and 12" for rocky terrain.
        - Native soil is acceptable so long as it is flowable, compactable, rock free, and can provide uniform overall support, especially in the recessed rib areas.
    - Ensure all backfill material is free of wood, masonry debris, silt, and/or clay.
    - When bedding material is in place and the foundation for the tank is level, carefully lower the tank into place.
        - This is best done with 2-3 people depending on the size and weight of the empty tank.
    - Wiggle the tank around to seat it into the sand or pea gravel to and to allow the foundation bedding material to fully support the tank and bottom ribs.
4. Install supplied 4" tees and gaskets in the inlet and outlet holes in the tank prior to placing it in a properly sized excavated hole (see below).
    - The tees can be used with 4" schedule 40 pipe or 4" SDR 35 pipe.
        - Note the direction of the flow and that the inlet hole is higher than the outlet hole.
        - Use standard PVC cement to create a solvent weld to incoming lines and outbound leach field after the tank is lowered into the hole.
        - Note: If using ABS pipe, ensure the proper ABS-PVC cement is used. ABS-ABS or PVC-PVC cement will not suffice.

NOTE: High water tables can cause a septic tank to float to the surface. If your state, county, or city requires tank buoyancy mitigation, please refer to the Septic Tank Buoyancy Mitigation Recommendations included with these instructions and/or call professional qualified septic tank installer.

5. Optional: Install a manhole extension(s) if desired.



    - Manhole extensions can be ordered along with your septic tank(s).
        - 12", 6", and 3" high x 20" diameter.
        - Tank adapter ring is suggested for placement between the tank and the risers.

- Maximum burial level of our septic tanks is 30”, so manhole extensions may be stacked on each other to obtain desired tank burial depth.
    - Use butyl rope or silicone to create a watertight seal if stacking risers.
- Use the lid(s) supplied with the tank to place on top of the manhole extension and secure with provided stainless steel screws.

Backfilling

This is a very important phase of your installation.
Please follow instructions carefully to ensure optimal tank performance.

6. Fill tank with 12” of water.
7. Backfill the excavation with 12” of clean backfill material.
    - IMPORTANT: Firmly compact the ends first, then the sides of the tank.
        - Upon completion of the first 12”, continue this sequence all the way to the surface.
            - 12” of water in the tank; 12” of firmly compacted backfill around the tank.
    - Be sure to compact backfill under the inlet and outlet pipes.
8. As previously mentioned, 30” maximum burial level between the top of the tank and surface grade level.
9. Mound soil over the top of the tank to ensure positive drainage.

Important Additional Notes*

- ✓ Always check local codes to ensure plastic septic tanks can be used prior to purchasing or installation.
- ✓ Have a professional site survey done by a qualified, certified geologist prior to purchasing or installation.
- ✓ Do not install any tank in a high-water table and/or in water saturated clay.
    - The tank may collapse and expel its contents.
- ✓ Don’t store a plastic tank near a flame or heat in excess of 180°F.
- ✓ Protect the tank from sharp objects both in advance of installation and during installation.
- ✓ Vehicles and/or heavy equipment can be detrimental to an underground tank.
    - Don’t bury under the path of vehicles and/or heavy equipment.
- ✓ Septic tanks should be kept full at all times.
    - If a septic tank is pumped for normal maintenance, it should be refilled immediately.
- ✓ Septic tanks are not holding tanks and should not be used as such.
    - Septic tanks may not be used for drinking water.

* - Failure of any of the above will void warranty.

VPC Tanks Limited Warranty

When installed in accordance with manufacturer’s instructions, VPC (Valencia Pipe Company) warrants against defective materials and/or workmanship for three (3) years from the date of manufacture. Date of manufacture (serial number) can be found on the permanent label affixed to each tank. Should a defect appear within the warranty period, Valencia Pipe Company will supply a like replacement tank. Cost of removal and/or installation and consequential damages are not covered.

CONSUMER SHOULD CONTACT VALENCIA PIPE COMPANY PRIOR TO REMOVAL OF THE ALLEDGED DEFECTIVE TANK TO RECEIVE THE REQUIRED WARRANTY FORM.