



## Underground Propane Tank Installation: How Does It Work

### Your questions answered about installing a propane gas tank underground

Underground propane gas tanks are an out-of-sight out-of-mind alternative to above ground propane gas tanks. While digging a big hole in your yard might not be appealing, after it is installed, it is only marked by a simple dome that can easily blend into your yard's landscape. Underground propane tank installations require a professional. Here is what to expect when you get an underground propane gas tank installed on your property

### An underground propane tank is right for you if...

- You have a place to install the tank where it won't be near vehicles or traffic
- Your propane tank is 500+ gallons (our underground propane tank size that we offer is 1,000 gallons)
- You don't want a propane tank to be seen above ground
- You have at least 18x5 feet in your yard to install the tank.

### Step 1: Excavate your yard to make room for your propane tank

The first step for installing your underground propane tank is excavation. Your propane gas supplier will map a place in your yard where the propane gas tank can fit and will not interfere with other systems for your home. Your underground propane gas tank must be installed at a minimum of 10 feet from your home (and exterior appliances) and 10 feet from the edge of your property.

### Here are the excavation dimensions for the underground propane gas tank.

Tank Size	Underground Propane Gas Tank Dimensions	Approximate Excavation Dimensions
1,000 Gallons	16' Long x 6'-17/8" Tall	18' Long x 6' Wide x 5' Deep

## Step 2: Install and hook up the underground propane tank

Your propane gas supplier should follow all safety regulations when installing your tank to ensure it is not damaged and is not at risk for leaking. This includes:

- Ensuring the foundation is firm
- Properly securing the container to prevent movement or “tank floating”
- Hole is backfilled with earth free from rocks or other abrasives
- Container is covered with 1’ or more of earth

After the tank is installed in the ground and hooked up, a dome will be placed to protect the valve and fittings that sticks out from the earth.



Underground propane tanks are discreet and easy for your provider to access

## Frequently Asked Questions about underground propane gas tank installs

**Do I need to be home?** It is preferable that you are home during the installation process. To successfully hook up your propane, the technician must conduct a leak test which requires access to your house. If you aren't going to be home, you should allow the technician entry into your house.

**I have a finished basement. Is this a problem?** No, it is not a problem. However, properly fitting the pipes might require removing and repairing the drywall.

**Is it safe? Will it affect my water?** Propane gas is environmentally safe. Underground propane gas tanks do not pose a risk to your water or soil.

### **Maintaining Underground Propane Tanks: The Sacrificial Anode**

Propane tanks have a very long life. To protect your underground propane tank, sacrificial anode bags are attached to the tank before installation. These anode bags act as decoys, absorbing natural electric currents in the ground and water that would otherwise deteriorate your tank. A sacrificial anode is also found in your hot water heater.

## **Special Package Pricing**

Underground tank package: \$7000

- 1000-gallon underground propane tank
- Includes 25' of gas line, tracer wire and risers
- Labor for install
- Two Anode Bags
- 1<sup>st</sup> & 2<sup>nd</sup> stage regulators
- Requires 5-year commitment with Premier Cooperative to be exclusive provider of propane.

Line installation beyond 25 feet: \$5.00 ft. inclusive of parts and labor

Site excavation and fill material (If needed) will be the responsibility of the contractor/homeowner.

Respectfully,

Shane McCully  
Premier Cooperative