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What is a septic tank? It is a part of the septic system and it functions as a sewage treatment system but in a small scale. These tanks are mainly used in areas which are not connected to the key sewage pipes that are usually provided by the local government or private organizations. There are large tanks with a soak-away drain-field connected to them.

How a septic tank functions:

It is in these septic tanks that all the water and waste from the household collect into. All the waste from the house gets into this tank from the shower, sink, toilet as well as the bathroom. Over a period of time, the solid waste settles at the bottom of the tank while the liquid filth goes out through a soak away.

These tanks have been in use for so many years. In years past a hole was dug into the ground then a chamber made out of bricks and mortar was constructed. After some time old wells were also changed to septic tanks. In this modern times, the function of this tank is still the same with the difference coming in with the kind of material used for its construction as well as the presence of bacteria found in the tank. Septic tanks are now constructed using fiber glass with more strict rules put into place in regards to the releasing of this waste into the soil. Unlike the olden days when warms where placed into the tank,things are now different since bacteria cultures are breed within the septic tanks.

The word septic is used to refer to the environment found within these tanks which are made up of anaerobic bacteria. The main purpose of having this bacteria living inside the tank is to eat the solid waste and break them. It is through this process that the solids sink to the bottom of the tank and are converted into sludge. A large number of tanks available come with an in-built chamber which effectively splits the liquid waste from that which is solid. These tanks can have more than three chambers.

Available shapes and sizes:

The market is filled with different varieties of septic tanks with the two most popular being the Klargester which has an onion shape and the low profile tank. The Klargester tank has been quite popular for the past fifteen years. They have been known to be quite effective and are 9.5 feet in height and have a width of 6 feet. During installation they require a concrete base as well as a blanket placed around them. However its popularity dwindled immediately the low profile tank was introduced into the market.

The low profile septic tanks are the latest design of tanks to be introduced into the market. They measure about 5.9 in height. Unlike the Klargester type of tanks, the low profile tanks do not require a concrete base or a blanket. This is one of the main reasons that led to its popularity and huge market demand.

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