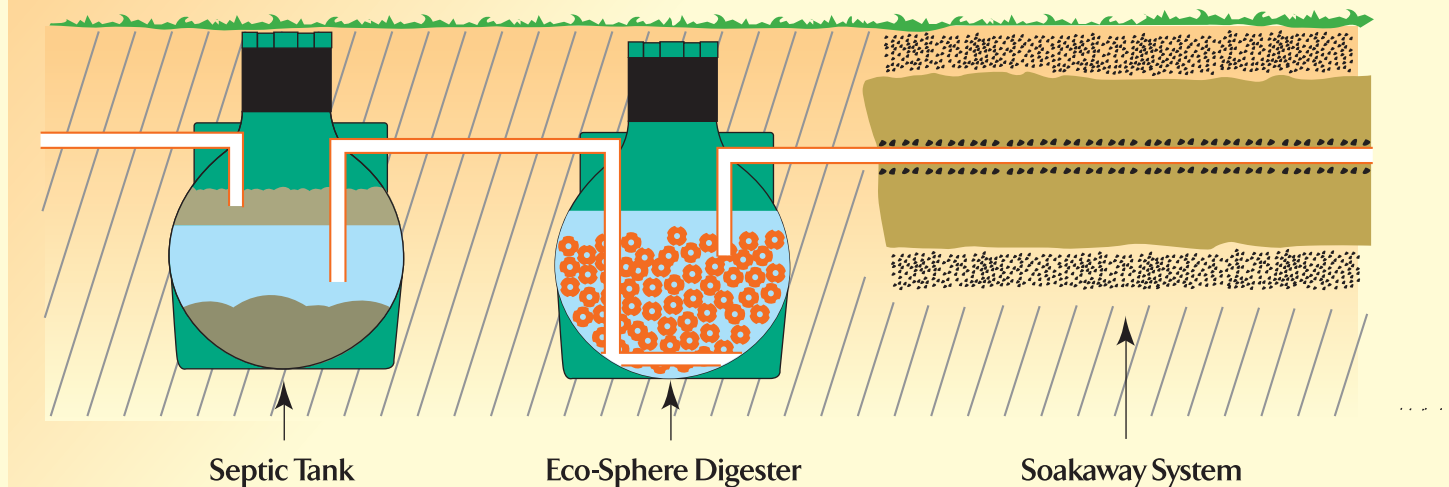


# How The Eco-Sphere Digester Works

Effluent is fed from a septic tank into the Digester. This effluent is dispersed evenly throughout a network of 4" perforated spheres in the Digester using a perforated piping system located at the bottom of the tank. These spherical units increase the internal surface area by 570 square feet, creating an even larger area for growth of micro-organic life (which is essential for the breaking down of effluent). The increase in area thus enables the effluent to be broken down at a faster rate. The micro-organisms also assist in reducing the level of total suspended solids and faecal coliform in the effluent leaving the tank.

The effluent that leaves the Eco-Sphere Digester has been treated to such a degree, that it is safe to enter directly into the environment without the risk of causing any negative effects. Alternatively, this partially treated effluent can be directed into another secondary treatment system such as a soakaway or another Digester for further treatment.

## Eco-Sphere Tank & Digester into Soakaway System



**Note:** Any number of Eco-Sphere Digesters can be easily adapted into a system to facilitate larger numbers of users.

## Capacity

Model	Volume (Gallons)	Volume (Litres)	Diameter	Height (with cover)	Recommended No. of Users
500 G	500	1,892.5	60" (153cm)	74" (187cm)	2 - 4
800 G	800	3,028	76" (193cm)	81" (206cm)	5 - 7

## Location

The site of the Eco-Sphere Digester must be within the same vicinity as the septic tank and should not be located near high traffic areas where it could be subjected to excessive loads. The location should be accessible to a driveway or other acceptable route, so a sewage truck can be driven close enough to clean the tank.

## General Guidelines

The Eco-Sphere Digester has been designed to ensure that there is easy access for cleaning. It is recommended that tanks be cleaned as necessary, with inspection taking place every 12-18 months.

## Quick Tip

Do not use any type of septic system additives or enzymes in your system. They do not work and can actually cause more problems.