

RotoTank

Specialists in Water, Chemical, Transport, Septic Tanks and Silos

Plastic Septic Tanks ranging from 600l - 8000l (1-35 Persons):



SEPTIC TANKS

600l ←

→ 8 000l



600l

**1-2
Persons**

L: 1140mm, W: 820mm, H: 950mm
Manhole: 180mm



1000l

**1-4
Persons**

L: 1700mm
W: 1100mm
H: 950mm
Manhole: 450mm



1750l

**1-7
Persons**

D: 1500mm
H: 1201mm
Manhole: 450mm

2500l

1-10

L: 2150mm
W: 1550mm
H: 1280mm
Manhole: 450mm



5000l

**1-20
Persons**

L: 2200mm
W: 2380mm
H: 1260mm
Manhole: 450mm



8000l

**1-35
Persons**

D: 1850mm, L: 2850mm, Manhole: 450mm

Gauteng Sales: Tel: +27 12 376 1070/2, E-mail: roto@mweb.co.za

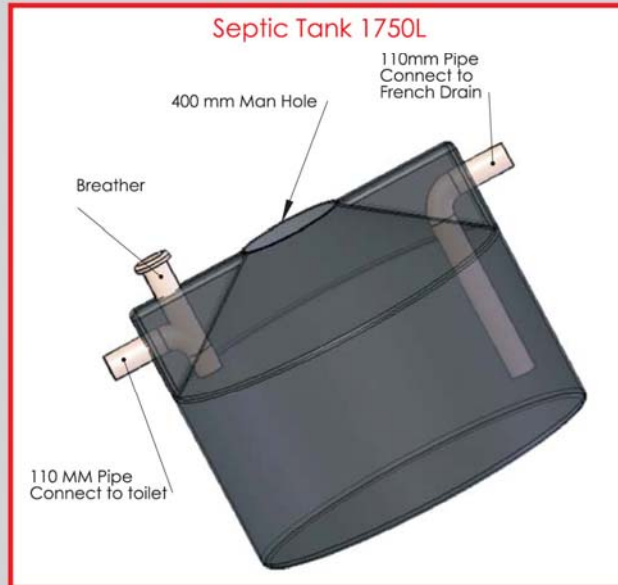
Cape Sales: 082 465 5084, E-mail: rotocape@mweb.co.za

KZN Sales: 083 628 6164, E-mail: rotokzn@mweb.co.za

www.rototank.co.za

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INSTALLATION INSTRUCTIONS FOR THE SEPTIC TANK:

1. FOUNDATION AND INSTALLATION

Excavate the correct size hole in which to insert the RotoTank septic tank, making sure that there is enough clearance around the RotoTank septic tank to work with ease.

A 1:6 river and cement mix is required to cover at least 300mm across the base of the excavated hole. Make sure the river sand cement mix is properly packed and levelled. Make sure no solid objects are protruding from cement sand mix.

Insert the RotoTank septic tank into the excavated hole and bed the RotoTank septic tank properly, by gently rocking the RotoTank septic tank backwards and forwards in the cement mix, making sure the manhole is accurately levelled.

2. JOINING

When joining pipes to the RotoTank septic tank, it is easily done by using a water soap mix and ramming the required pipes home.

3. BACKFILLING

A 1:6 concrete sand mix should be carried out in 300mm thick layers from the base up to 100mm below the top of the RotoTank septic tank with the lid in place on the man hole. The backfill material should preferably be sandy and slightly moist.

Each 300mm layer should be densely compacted to achieve 90% of modified ASH TO maximum dry density.

For excavated holes deeper than 2.150mm or where a high water table is anticipated, backfill material must consist of a concrete mix of 5% cement and 95% selected granular material.

4. WORKINGS OF THE SEPTIC TANK

Activation of the RotoTank septic tank can either be done by using an activator or alternatively placing a dead chicken into the RotoTank septic tank.

5. HOW DO I CONNECT THE TANK?

Connect the toilet outlet to the RotoTank septic tank inlet with a 110mmPVC pipe.

Connect the overflow or outlet to the French drain, making sure that it is not too close to household underground water supplies, e.g. borehole.

6. HOW DOES IT WORK?

When you flush the toilet, the water and solids collect in the RotoTank septic tank, therefore any solid waste product will float on the water.

The bacteria from the activator will dissolve the solid waste products and produce an almost clear water which settles at the bottom of the tank, which then flows out of the overflow and into the French drain.

PLEASE NOTE:

No sanitary towels, cigarette butts, chemical and or household cleaning products should be in the tank as it eliminates the bacteria and the consequences are that the chemical process will not be able to take place.

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