



**Sump Tank**

Design Reg No : 208309

**Sump Tank**

This tank has been designed to reduce buoyancy effect during monsoon, preventing it from floating during dry run of the tank. It is also provided with leakproof threaded lid to avoid infiltration of sub soil water. The tank is designed to withstand external soil pressure.

**Vertical Septic Tank**

The sump tank is also designed to be used as vertical Septic tank, with additional attachments inside. The tank is coloured in Terracotta colour to match the international colour code for sewage system.



**Vertical Septic Tank**

Design Reg No : 208310



**Water Storage Tank**

Design Reg No : 203931

**Water Storage Tank**

Gone are the days of using black colour water tanks in your dream house. UNITED has launched an aesthetically designed water storagetank that perfectly blends to the design of any house and can be proudly displayed on the roof top.

**Comparison Chart**

**Conventional Septic Tank**

High construction cost

Cannot be shifted

Not Easy to clean

Durability-Doubtful

Chances of seepage more

Trench is necessary

Require more space

Can be built only on ground

Not suitable for all soil conditions

Corrosive

**UNITED Septic Tank**

Low cost

Can be shifted

Easy to clean by oneself

Durability Guaranteed

Tested for seepage

No trench required

Can be fitted in small area

Can be kept on any type of floors

Adaptable anywhere

Non-Corrosive



United Sanitation Devices

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Designing your dream home ?

**Your last priority is our first.**



**Polyethylene Septic Tank**

Design Reg No : 204722



**R.C.C. Septic Tank**

- Elevation
- Floor Tiles
- Wall Paint
- Electrical Fittings
- Bath Room
- Interiors
- Landscaping
- **Septic Tank**

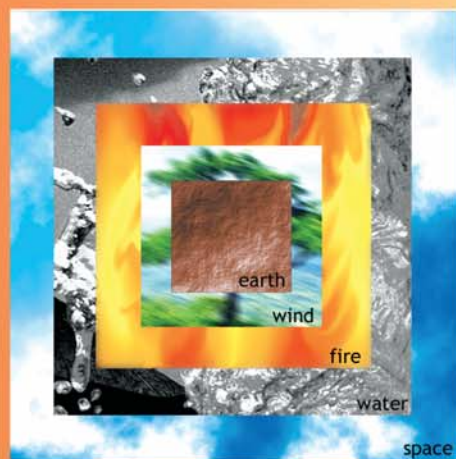


**United Septic Tanks**

## Company Profile

United Group with its Head Office in Thrissur, Kerala has been in business for a quarter of a century with varied interests in the manufacturing of building materials like Asbestos cement pipes, R.C.C. hume pipes, R.C.C. Septic Tanks, Polyethylene Septic Tanks, Water Tanks, Plastic Mirror cabinets, Mirror frames and Ceramic Sanitary wares. **United has developed a patented domestic Sewage Treatment Plant with the assistance of CSIR (Council of Scientific and Industrial Research, Ministry of Science and Technology, New Delhi.)**

United Sanitation Devices is a leading manufacturer of Polyethylene and R.C.C. Septic Tanks for the past 25 years. Thousands of septic tanks have been installed all over S.India. The advanced technology and strict Quality Control procedures during the manufacture of United Septic Tanks guarantees our product and the personal endorsement of our customers support this claim. Arrangements are made for an in-house demo of United Septic Tank in our Head office. Custom built models are also available for domestic and community purposes. Another feather in our cap is the on time supply of 15000 numbers of polyethylene septic tanks to UNICEF projects in South East Asia.



## Did you treat the 'Elements' right ?

*P*anchabhutha, the five elements which constitutes earth, wind, fire, water, and space are very important to our existence. Treating these elements in the right process can bring maximum benefits out of it. Bhoomipooja, a ceremony usually performed before beginning the construction of a house or building is to treat earth, one of the elements in the best deserving fashion.

The earth and the environment surrounding the building are to be kept clean and hygienic at all times. A septic tank designed with advanced technology using strong nondegradable, noncorrosive material without any seepage can only do justice in treating the element 'earth' right.

## Bacteria Kills.... for a better cause here !

A septic tank is a processing tank and not a dumping tank. The process taking place inside the tank is by bacteria. Without their hard work, your tank would fill within a few months. We at United make the right environment for these favorable bacteria to work at their best.



## Domestic Sewage Treatment Plant

We have developed a new patented Sewage Treatment Plant for independent houses, designed to treat 1000 Ltrs per day, both Black and Grey water.

This system has been developed with the assistance from C. S. I. R. (Council of Scientific and Industrial Research, Ministry of Science and Technology, N. Delhi). The unit consists of four identical modular tanks, made of polyethylene. The first two tanks work with the help of anaerobic bacteria and the rest two tanks work with the help of aerobic bacteria.

All off gases from the tank is collected through vent pipes of each tank and is deodorized in a gas bio filter before venting to the open air. The liquid effluent discharged from this is colourless, odourless and conforms to the Pollution Control Board norms.



**Modular Tank**



**Polyethylene Septic Tank**

Design Reg No : 173352

## Polyethylene Septic Tanks

As the name suggests United Polyethylene Septic Tanks are made of Polyethylene in a single moulding. The unique size and 3 chamber design of United Polyethylene Septic Tanks play a very important role in processing waste. There are manholes provided for convenience. The high wall thickness withstands load and pressure of the earth to a great extent. Being light in weight, it is easy to transport and install. These septic tanks are made in salt resistant, nondegradable plastic, hence they are more suitable in saline areas. All that has to be done for fitting the tank is to fill the tank with water, connect the drain line to the inlet and outlet to the soak pit. Cover the manholes with the lids provided and the tank is ready to use.

### Technical Specification ( Polyethylene Septic Tank )

No.	Models	Type - 1	Type - 2	Type - 3	Type - 4 (As per IS code of practise)	Type - 5
1	Color (UV Stabilised)	Terracota /Black	Terracota /Black	Terracota /Black	Terracota /Black	Terracota /Black
2	Capacity (Flushing/ Day)	10 - 15	20 - 25	30 - 35	50 - 60	75 -100
3	Diameter	750 mm	1000 mm	1000 mm	1300 mm	1600 mm
4	Length	2500 mm	2000 mm	2500 mm	2300 mm	2600 mm
5	Thickness	10 mm	10 mm	10 mm	16 mm	16 mm
6	No. of Chambers	3	3	3	2/3	2/3
7	No. of Manholes	2	1	1	2	2
8	Size of Manholes	300 mm (Dia)	500 x 1000 mm	500 x 1000 mm	550 mm (Dia)	550 mm (Dia)
9	Dia of inlet & outlet pipe	110 mm	110 mm	110 mm	110mm /160 mm	110mm/160mm
10	Air vent	50 mm	50 mm	50 mm	50mm	50 mm

In view of constant research and development, the specifications are subject to change without prior notice.



**R.C.C. Septic Tank**

## R.C.C. Septic Tanks

United R.C.C. Septic Tanks are made of high quality and rich concrete to assure you a maintenance- free, trouble-free functioning. These tanks are made to last many years and to withstand all kinds of load and vibrations.

United Septic Tanks are not made with conventional moulding methods. The tank is moulded by using centrifugal force in a specially designed machine. This causes every concrete particle to pack well without any holes or air gaps and gives the tank a compact and smooth leak proof surface.

The unique features of the septic tank are that it is provided with manholes with handle. There is also a drain valve which will be helpful in any maintenance situation.

### Technical Specification ( R.C.C. Septic Tanks )

No.	Models	Type - A	Type - A1	Type - B	Type - C	Type - D	Type - E
1	Flushing / Day	3 - 5	5 - 7	7 - 10	10 - 15	15 - 20	20 - 25
2	Re-inforcement	8swg x 12swg	10swg x 6mm	10swg x 6mm	8swg x 6mm	8swg x 6mm	8swg x 8mm
3	Cells	3	3	3	3	3	3
4	Thickness	25 mm	35 mm	40 mm	40 mm	50 mm	55 mm
5	Manholes	2 No.s	2 No.s	2 No.s	2 No.s	2 No.s	2 No.s
6	Inlet & Outlet	100 mm	100 mm	100 mm	100 mm	100 mm	100 mm
7	Length	2 Mtrs	2 Mtrs	2 Mtrs	2 Mtrs	2 Mtrs	2 Mtrs
8	O. D.	350 mm	445 mm	530 mm	680 mm	850 mm	1010 mm
9	I. D.	300 mm	375 mm	450 mm	600 mm	750 mm	900 mm
10	D.W.T.	175 Kg.	250 Kg.	450 Kg.	600 Kg.	775 Kg.	975 Kg.

In view of constant research and development, the specifications are subject to change without prior notice.