



# WAT SAN

ENVIROTECH PRIVATE LIMITED



## MISSION STATEMENT

**WAT** (er) **SAN** (itation) aims to use technology as a fulcrum for providing the most affordable and effective drinking water and sanitation solutions.

## VISION STATEMENT

To improve the living standards of at least 100 million families within the next five years by providing the most efficient, electricity free affordable water filters and ready-to fit toilets ensuring a dignified, happy and healthier life.

+91 9448104576

TerafilChandra

@naturalfilter

Watsanchandra



A #startupindia company

License/Approvals/ Collaboration with:  Manufactured by: **WATSAN** ENVIROTECH PVT. LTD.

## Watsan Natural Water Purifiers



**NO**

- Electricity
- Chemicals
- High costs
- Maintenance
- Wastage of water

**World's most economical 'Cleantech' Water Purifier to remove Pathogens, Arsenic, Iron & Fluoride**

About 770 million people in India do not have access to clean drinking water and have to walk several miles to fetch water. Watsan uses the best immunized way of filtering and purifying water. Filter medium made of clay and sand is sintered in patented, tried and tested methods and are retrofitted in toxic free food grade plastic containers guaranteed to provide safe drinking water.

### Watsan Natural Terafil®

filtered water results meets BIS/ WHO standards:

Turbidity	: Removed
Iron	: Removed
Pathogens	: Significantly removed (Near BIS standard)
Odour	: Removed
Colour	: Removed
pH	: 7.0 +/- 0.5
Fluoride	: <1.5 mg/l
Arsenic	: <0.01 mg/l

### WATER PURIFIER CAPACITIES

- 15 litres stand-alone purifier for households
- 200,300,2500 Litres - Made to Order



2500 Litres Community Purifier



200 Litres Community Purifier

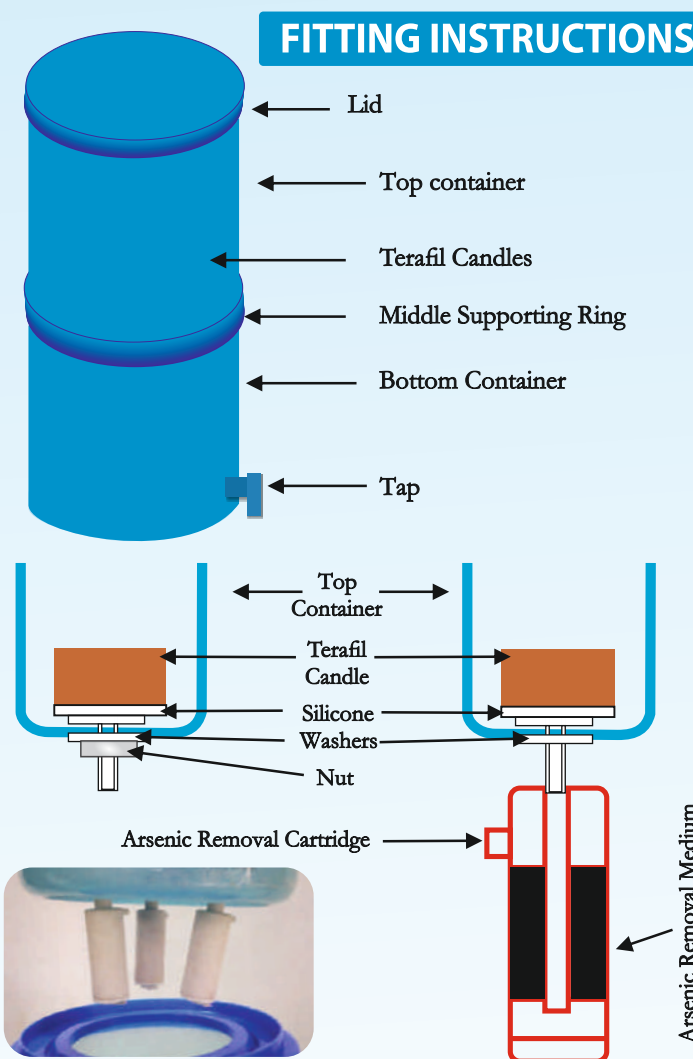


15 Litres Standalone Filter



Fluoride Soaking Chamber

Water to be soaked in fluoride chamber for 24 hrs, then filtered Terafil filter for making the water potable for drinking.



The Terafil candle should be pressed from top through the 3 holes of the top container with silicone washers sandwiching the top container body.



The nuts should be tightened from the bottom by rotating it, enabling the silicone washers to hold tight to stop leakage.

### FOR ARSENIC REMOVAL:

The Arsenic removal cartridge should be fitted below the Terafil candles. in place of nuts.

### SOCIAL IMPACT

- Educating the masses on the importance of clean drinking water and the ill effects of unfiltered water.
- Reduce water-borne diseases over a period and reduce resultant expenditure on health care.
- Target at least 20 villages in a state per annum and provide cost effective drinking water solutions.
- Tie-up with at least 2 NGOs/ Self Help Groups in each state of India promoting self-employment through sale of the product.
- Promote product sales through micro financing



# TOILETS FOR ALL

Turnkey solutions to provide modular toilets

- Fibre Glass based technology
- No greenhouse effect, sandwich pressed bodies
- Molded at site
- Green energy technology
- Turnkey solutions offered
- Ready to install CKD model available

## TURNKEY OFFER

Manufacture toilets, DO NOT construct

Nearly half of India's 1.2 billion people have no toilet at home. Considering a family of 4 needs 1 toilet, providing at least 10 % of that volume, we should target making 120 million toilets! It is impossible to achieve this using the conventional brick mortar technique.

## OUR "TOILETS FOR ALL"

- Is scalable
- Uses natural sunlight to make toilets
- Educates and provides skill based training to the rural youth
- Provides complete technology know-how and the necessary materials

## FIT AND FORGET MODEL

The toilet is available as a CKD\* kit which can be transported to any place and can be re-assembled within a few minutes.

## SOCIAL IMPACT

- Creates a more hygienic atmosphere for the village as a whole where most of the population is normally defecate in open.
- Provide safe defecating places for women and young girls who have to otherwise wait till dark.
- Help girl children to continue education at schools by providing the necessary toilets.
- Creates self-employment within the villages.
- Provides skill based training to underprivileged youth.



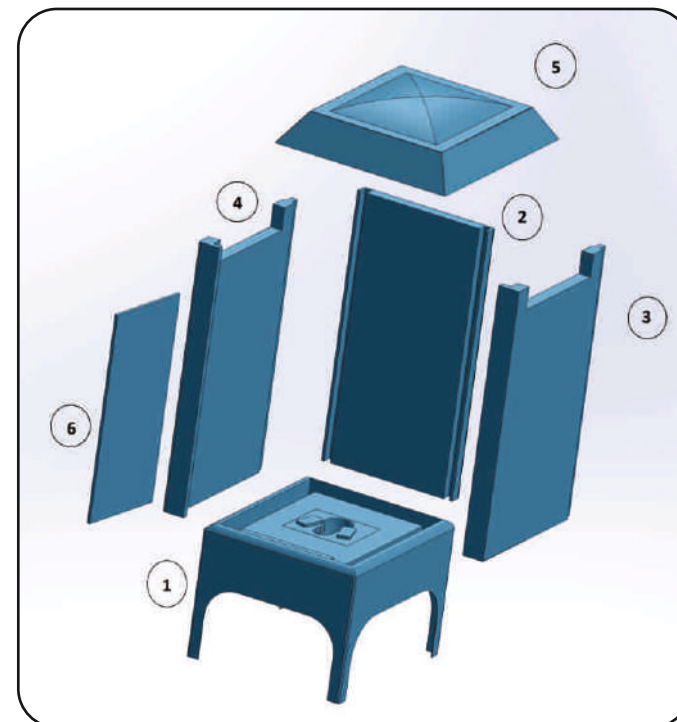
Monolithic Modular Toilet

## ADVANTAGES

- ▶ Modular toilets are easier and quicker to manufacture, not constructed!
- ▶ No greenhouse effect unlike other modular toilets.
- ▶ Can be erected in two days' time.
- ▶ Cost effective than conventional RCC.
- ▶ Non-corrosive yet lighter in weight.
- ▶ The design has minimal joints so that the structure looks neat, elegant and monolithic.
- ▶ Saves natural resources, like water and sand.

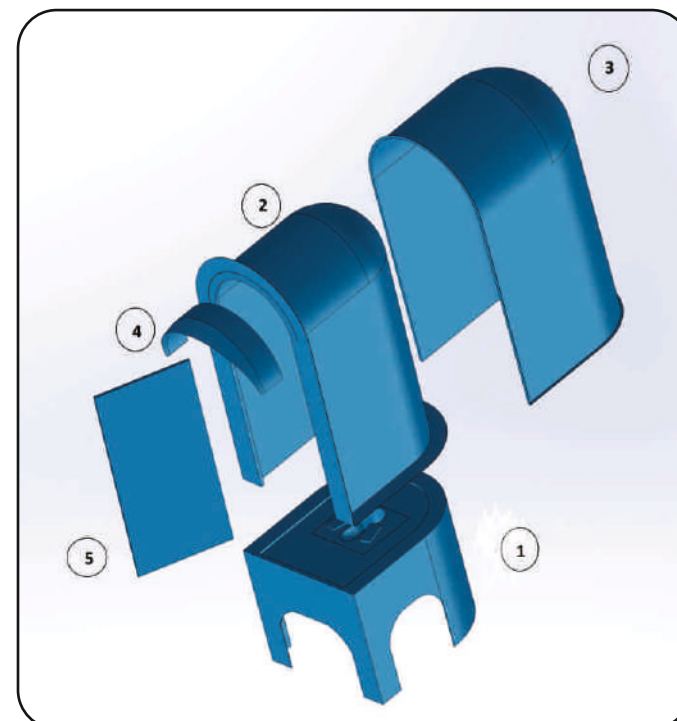


## MODULAR CKD TOILET



\*CKD - Completely Knocked Down

## MONOLITHIC MODULAR TOILET



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