

CONTACTS

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GREYWATER HARVESTER

Package includes:

5 units of 25-litre Colsto tanks
1 unit of a 35-litre GreyTrey tank
Installation accessories
12V Diaphragm pump
12v backup power Battery

FRESH WATER STORAGE

Package includes:

5 units of 25-litre Colsto tanks
1 unit of a 35-litre GreyTrey tank
Installation accessories

RAINWATER HARVESTER

Package includes:

5 units of 25-litre Colsto tanks
1 unit of a 35-litre GreyTrey tank
Installation accessories
12V Diaphragm pump
12v backup power Battery

Leaf Catcha for Rain Water Harvesting

SMART WATER HARVESTING.





Water shortage in South Africa is the new Eskom.

Are you ready for what is coming? Prepare your business and home with the new COLSTO water harvesting technology that saves 20 to 30 % of your water consumption. But, more importantly make huge cash savings. The product has a less than 15 month payback period.

THE CHALLENGE WE PRODUCT ADDRESSES

South Africa is one of the driest countries in the world. We are seeing droughts occurring more frequently than ever due to climate change. We currently running our economy with 32 billion cubic meters of water, when we require 68 billion cubic meters of water to ensure economic activity. The solution to our water shortage should be addressed with various methods, such as the restoration of the aquifer, desalination and other sustainable measures. But, most importantly, water has to be reuse multiply times before we completely dispose of in the municipal system.

WHY USE THE COLSTO SYSTEM.

This unit is used in commercial or households to harvest and repurpose greywater. The water is collected from the shower, basin or bath, and then reused to flush the toilet or used in the landscape. The 4 -5 tanks can carry 125 liters of water, excluding the bottom receiving chamber. Which can be used to flush at least 13 times a day, resulting in a saving of 20 to 25% of water.

BENEFITS

- *Harvest rain, grey and freshwater separately at the same time.
- *Compact and sleek design.
- *Save 20% to 30% of freshwater by eliminating the flushing of the toilet.
- *Easy to retrofit.
- *The unit can operate on the solar or main electrical supply.
- *Built-in anti-theft mechanism.
- *Compact and sleek design.

Phase 2

- *Remote water usage monitoring, irrigation, bill reporting and leak detection.

SOLUTION/PRODUCT

The COLSTO tank is a 25-litre plastic tank which can expand in size by plugging it onto each other like you would a Lego puzzle piece to make a compound water tank. Its compatibility makes it useful for storing in small households and easier to transport, which is a major challenge with the current water products distributors. The compatibility also helps the client to buy the tank if and when they have funds available and expand according to their needs.

The water harvested can be rainwater, fresh water and most important greywater for repurposing. The greywater harvested can be reused for flushing toilets, which accounts for 30% of household usage and landscaping which can account for 60% of household usage.

The hardware is complemented with an electronic device called the BLU manager. Which calculates and manages the user's water consumption and reports it live to the user and can generate an accurate water bill.