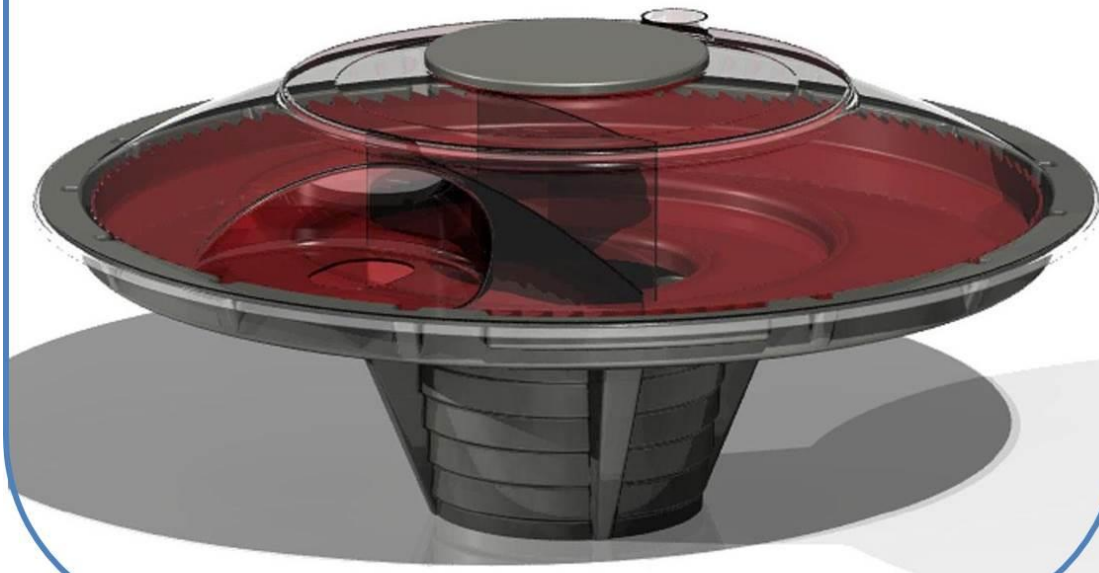


Waterless Sanitation

ZerH₂O™



The Zerho Waterless Toilet is a fast, cost-effective and permanent intervention, which can be implemented wherever safe and sealed waterless sanitation is needed. No matter where you live.

The Zerho Waterless (and Dry) Toilet would be the product of choice because: it is less bulky than most other products in this market and therefore less expensive and time-consuming to install. The Zerho can be relocated when necessary.

The Zerho Toilet is both WATERLESS and DRY. This is achieved by (1) the separation of liquids and solids; and (2) the natural DEHYDRATION process created by solar heat on the unit; and (3) effective airflow.

The Zerho Toilet is designed specifically with the family in mind – one unit serving a household of <10 people. It is light weight (80kg); and due to its small dimension (160cm in diameter), it can be fitted (or retro-fitted) INTO a home. A specific benefit of the effective airflow through the unit is the lack of odours and flies.

The Zerho is CHILD SAFE.

The once-off cost per Zerho unit is ZAR 9 500 excl VAT (about USD 665; Euro 575). Implementation will save millions by not needing new reticulation and centralized infrastructure for black water treatment.



“The pee goes here and the poo goes here!”
Clever little chap!! It took him all of 2 minutes to get it.

The Zerho Toilet is a LOW-TECH solution using only AIR and SUNSHINE.

The Zerho is a Domestic Waterless, Dehydrating Toilet (patented worldwide since 2003) that needs no chemicals or other 'additives'.

The dehydration process is assisted by the unit facing North (in the Southern Hemisphere); smell dissipation and evaporation aided by the dome shape of the unit and the vent pipe.

Burying the sump portion of the ZerH₂O unit is the only excavation (knee-deep x 90cm diameter). It can be retro-fitted to most structures, as the small excavation will not inhibit normal structural foundations.

Once installed, any top structure can be used. Due to the compact design and light weight, the Zerho can be relocated or moved - ideal for temporary and/or disaster relief applications.

The Zerho toilet is designed for home use / 6-10 people per day. This is to ensure the faeces remains on the rotating disk long enough for complete dehydration.

Business opportunities exist in the 'servicing' (removal of dried waste).



Quick and easy installation – into any structure, any soil, small spaces

The Zerho Toilet is specifically designed to be robust and virtually indestructible; and needs little or no maintenance on the unit itself.

With proper use and regular dry waste removal, the Zerho could have a life-span of 40 years or more.

Saving Time. Saving Money. Putting People First.

The environmental and resource-related benefits of the Zerho Toilet would include:

Open defecation, public- and shared pit and bucket toilets can be phased out. This will immediately impact on Quality of Life; Child and Female Safety, Hygiene and Dignity.

Equally as important, the Zerho Toilet's 'no sludge' benefit will directly and positively impact on Water Safety and Security in an already water-scarce environment.





Designed and Manufactured
In South Africa

Waterless Sanitation

ZerH₂O™

The Safe Containment of Faecal Matter Until Dry

Designed and Manufactured
In South Africa

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