

Bringing Warmth To Our Communities

No RDP house, new or old has any hot water or a bath in it and cannot take a conventional geyser as they do not get enough ampage to run this. Hot water is a basic need that one thinks all have. Tshisa bathrooms are trying to correct that imbalance.

A few years ago, Piet Uys and a school friend were chatting about basic needs, and the topic of hot water came up. "We discovered that all the RDP houses built and being built did not have hot water, in fact they only have 1 plug point with 20amp of power to service the entire house. This disturbed us so much that we decided to do something about it," says Piet.

"I designed a cost effective geyser that would fit into a RDP house but also thought about how these people have to boil kettles to wash in the morning, so we in addition designed a bath and hand wash basin to go with the set. This was then patented," he adds.

Moulds were made in China, and shipped to SA, a local injection moulding company was approached to manufacture the product for us and local companies were approached to supply the components making the product completely South African produced.

The geyser has SABS safety approval, holds 65lt of water with a 60°C thermostat and is gravity fed. It fits onto any wall with 3 bolts that are supplied and an insert valve to control water flow. In fact, it works similarly to a toilet cistern but heated.

The suggested RSP is R 795 for a 65lt gravity fed geyser or R1500 for a bathroom that can be DIY installed with all components included. There is huge potential in sales as the geysers fit into each other, and so do the baths. This allows the customer to have 20 bathrooms on 2 sqm of floor space, giving a return on floor space used if turned over once a month of R20 000.

The companys' passion to is get as many bathrooms into these houses and uplift their living conditions by giving them accesses to an basic need we all take for granted HOT RUNNING WATER.

HOT WATER SUPPLY TO RDP HOUSES

TSHISA GEZA VS KETTLE

TSHISA GEZA	KETTLE
Wall mounted with 3 screws , above a bath or basin or both in bathroom	Can only stand alone and must be poured into a bath or basin in small quantities
Heats 65lt at one time to 60 ° c and maintains heat	Boils 1½ - 2 lt at a time to 100°C
Is gravity fed cold water mixes with hot when tap is opened	Small quantities boiled hand filled no cold water to mix
Has a cistern float option to control flow of water into geyser	must be hand filled
Has a thermostat to control the heat and keeps that temperature at a low cost	Boils
Designed so that the element is always below the tap, not all the water drains out and element is always under water	Keeps boiling , water evaporates and element burns out
Enough water supplied to fill a small bath	Only does a few liters at a time
Electrical cost to heat up 65lt very low	% higher in cost for same volume

TSHISA GEZA VS CONVENTIONAL GEYSER

TSHISA GEZA	CONVENTIONAL GEYSER
Is Gravity fed - no pressure	Is gravity fed
Does not need running water can be hand filled	Can only be used with pressurized water in house
No plumber or Electrician need to install	Can only be installed by plumber & Electrician
Takes power from a standard wall plug	Must have a DB (distribution board) Installed in the house
Uses very little space when mounted to a wall. Can be mounted onto and type of wall brick or sink.	Usually installed in the roof, RDP houses have no ceilings
Are stackable. 40 geysers can fit onto 1 sqm of floor space	Each geyser takes up 1 sqm of space
7.65 amp RDP homes are supplied by between 10 - 20amp	10.24amps

