

A stylized map of the African continent is centered on a black background. Above the map, there are several flame-like shapes in shades of red and orange, suggesting heat or fire. The word "AFRICOOKER" is written across the map in a bold, stylized font with a yellow-to-red gradient and a glowing effect.

AFRICOOKER

Warming the heart & soul of
Africa

UNIQUE ISSUES TO AFRICA

- Lack of service delivery is causing impatience and anger
- Many Households have no electricity
- Households with electricity are burdened with rising electricity Costs
- Fires in informal settlement cause massive devastation
- Health - water borne diseases
- Unsuitable cooking facilities

SOLUTION

Geyser-
40 litres

Purified
Water
Tank-
15 litres

Heater

Stove

Oven

Kettle -
25 litres

Fire Box



APPLICATIONS

Using Only 4 Pieces of Wood:

- Oven - 180 C for up to 1 hour
- Stove - 180 C for up to 1 hour
- Kettle - 25 litres boiling point within 45 min.
- Geyser - 40 litres heated to 85 C within 85 min.
- Water purifier - 4 litres of water produced through distillation
- Heater - Heat generated from stainless steel Africooker

ADVANTAGES

- Long Lasting- Stainless steel construction
- Ease of Use - No controls or electronics
- Fuel Efficient - Burns 4 pieces of wood p/hr
- No Open Fires- Closed firebox
- Cost Effective- Available resources
- Clean Burning- Limited smoke production
- Environmental Friendly- Limited wood usage
- No Electricity Required
- No Piped Water Required
- Cooking and Baking Applicable

COST COMPARISON

ELECTRICITY			
	POWER RATING (Kw)	HOURS USED PER DAY	KILOWATT HOURS USED PER DAY
Geyser	2.6 kW	4.4 h	11.44 kWh
Kettle	1.9 kW	0.3 h	0.57 kWh
Stove	3.0 kW	2.0 h	6.00 kWh
			18.01 kWh
		Price per kWh	R 0.53
		Cost per Day	R 9.55
		Cost per Month	R 287.95
AFRICOOKER			
Africooker		Bundle of wood per day	R 2.00
		Cost per Month	R 60.83