magneto™
RENEWABLE ENERGY

THERMOTANK

HOT WATER HEAT PUMP

200 ELITE

SUPER EFFICIENT
SAVE UP TO 65%
ELECTRICITY CONSUMPTION

Why use a heat exchange system?

- Water heating contributes to a large portion of a household's energy consumption, accounting for up to 60%. A heat exchange system can reduce this portion of a household's electricity consumption by up to 65%.
- By replacing the traditional water geyser element with a heat exchange system you can produce 3kW of heating with 750W of energy consumption.

How does it work?

- A thermal low pressure integrated heat exchange system is designed to reduce electricity consumption by harnessing ambient heat in the atmosphere and transferring this heat to the water stored in the insulated water tank.
- The low pressure insulated water tank acts as a hot water battery that stores water at 60° Celsius. This water remains in the tank to heat water that is passed through the system. The high pressure water supplied by the water mains enters the hot water tank through a heating coil placed inside the stored hot water and this is where the heat exchange takes place. By the time the water exits the heating coil it is up to temperature. The heat pump monitors the temperature of the water inside the water storage tank and regulates it to maintain the pre-determined temperature.

PATENTED
IEC60335-2-40

MEMBER OF
IOPSA
THE INSTITUTE OF PLUMBING SA
QUALITY PLUMBING FOR ALL ESTABLISHED 1909

Environmentally friendly R410 Gas

* Excludes exceptional use of backup element (2000W)
** One year warranty if installed within 10 km of coastline

10 YEAR TANK GUARANTEE

- Heat pump system heats water to 60°C
- Super energy efficient - Heat pump uses only 750W of electricity*
- Delivers hot water equivalent to a 200L geyser
- Unique heat-exchange coil to ensure municipal water pressure
- Wi-Fi and Smart Home functionality
- Safe, low-pressure tank eliminates explosion risk
- No limescale build-up
- Complies with Smart Energy building code
- Back-up element for boosted water temperature up to 70°C
- Three year warranty on the electrical components and compressor**

Technical Data

MODEL	IMH101		
Heating Method	Heat Pump	Heat Pump & Element	Element
Rated Input Power (kW)	0,765	2,765	2
Rated Heating Capacity (kW)	3	4,8	1,8
Rated Current (A)	3,5	12,6	9,1
Power Supply		220 - 240V / 50Hz	
Auxiliary Heater		Element 2kW	
Refrigerant		R-410A	
Water Tank Empty Volume (L)		220L	
Water Tank Material		Roto Moulded Plastic	
Water Inlet Connection		3/4"BSP	
Water Outlet Connection		3/4"BSP	
Insulation Thickness		50mm	
Water Heating Coil Pressure rating		1000kPa / 10 Bar/ 145psi	
Tank Pressure		Atmospheric	
Water Heating Coil Material		304 Grade Stainless Steel	
Condenser Coil Material		316 Grade Stainless Steel	
Water Max. Output Temperature		60°	
Solar Compatible		Yes (Coming Soon)	
Air Duct Size		180mm	
Fan Motor Type		ø190X80	
Fan Power Input		25W	
Evaporator Size		400mm x 355,6mm x 44mm	
Height of Water Inlet & Outlet		1335mm	
Overall Dimensions (LxBxH)		798mm x 659mm x 1781mm	
Unit Weight		92kg	

magneto RENEWABLE ENERGY