

THERMOTANK

HOT WATER HEAT PUMP

200 ELITE

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.



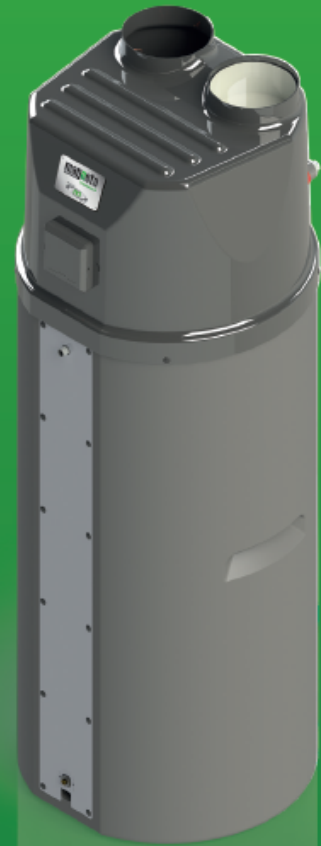
MEMBER OF



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		

