

TECHMARK

Equal Partners

Enjoy cold water in summers
and hot water in winters



HEAT PUMPS

TECHMARK

HEAT PUMPS



Our advanced heat pump offers the perfect water temperature year-round, cooling during summer and heating in winter. With energy-efficient technology, it provides reliable comfort in any season while reducing energy consumption.



Saves 75% Energy



High Efficiency



3 Eco Modes for
Different Seasons



IoT Enabled
Intelligent Controls



Energy Saving Monitor
in Real Time



Boost Mode for
Immediate Heating



Limescale Resistant

HEAT
PUMP

TECHMARK
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 SAVES
75%
ENERGY*

AQUASOL
HEAT PUMPS

Introducing **AQUASOL**

FIRST TIME EVER

A groundbreaking innovation that redefines water temperature management. This remarkable device not only heats water precisely to your liking but also cools it with exceptional energy efficiency.

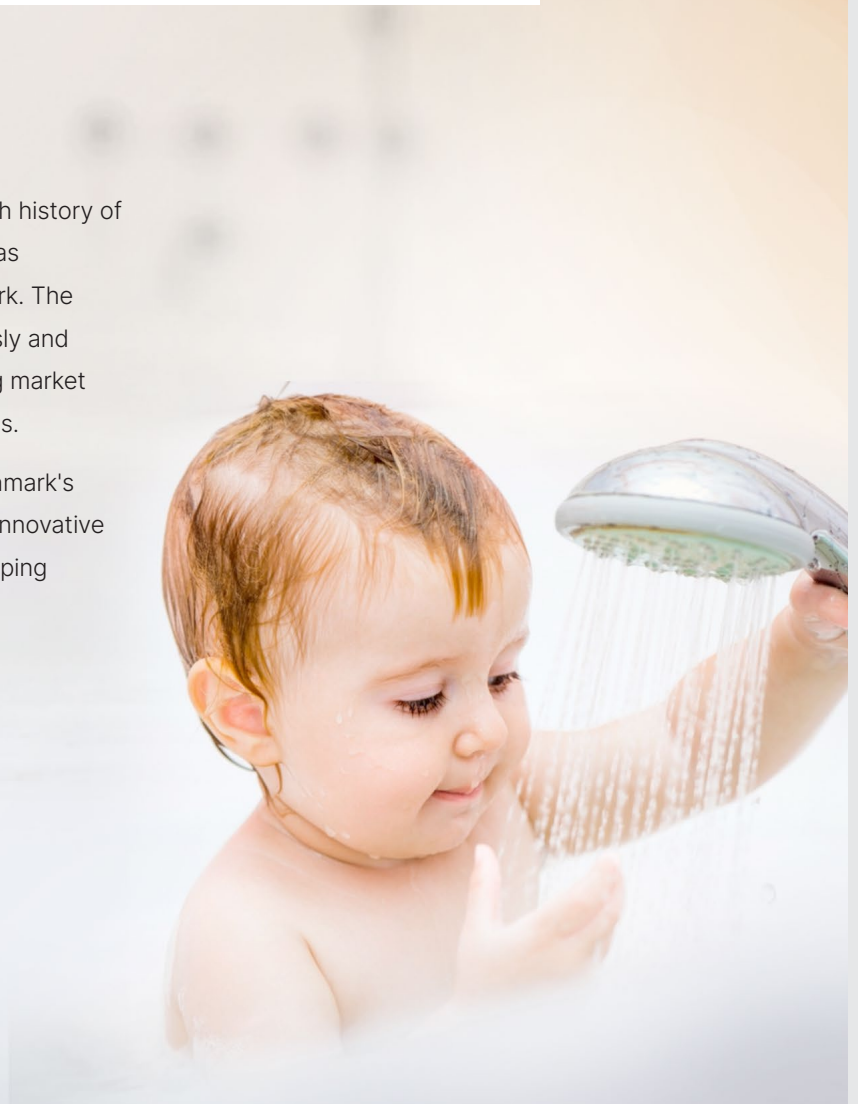
Aquasol, a revolutionary heat pump, seamlessly bridges the domains of heating and cooling, setting a new standard for residential and industrial water control. It heralds a new era, promising unparalleled temperature control.



Cothem

Cothem, is a 75-year-old organization with a rich history of innovation and global presence. The company has established a strategic partnership with Techmark. The objective of Techmark is to collaborate seamlessly and benefits from Cothem's expertise in anticipating market trends and commitment to high-quality standards.

Powered by Cothem's R&D excellence and Techmark's market experience the dynamic duo introduces innovative Heat Pumps for the global market. Designed keeping Quality, Sustainability and Environment in mind.



Intelligent Controller Functions



Remote connectivity using APP on Phone for operations



Three Eco modes for different seasons



Energy Saving Monitor in Real Time



Boost mode for Immediate heating



Solar ready for the Environment saviors

Features



Economically Viable

Economic savings with a swift return on investment typically within 3 years.



Enhanced Energy Efficiency

Achieve up to a remarkable 75% reduction in energy consumption compared to traditional electric water heaters.



Optimized Peak Consumption

Experience instantaneous consumption that can be as low as 500W, 4 times lower compared to classic heating elements.



COP upto 3.5

Co-efficient of performance being 3.5 where normal water heaters are less than 1.



Titanium Coated Tank

Allowing to resist rusting and protection against hard water.



Boost Heating Mode

For the times when you need the hot water now, no matter the season or the time.



Limescale Resistant

Benefit from a low heating density that prevents limescale deposits, significantly extending the product's operational lifespan.



80 / 100 Liters Medium Capacity

Entry level Heat Pumps with Smart Mobile interface and features.

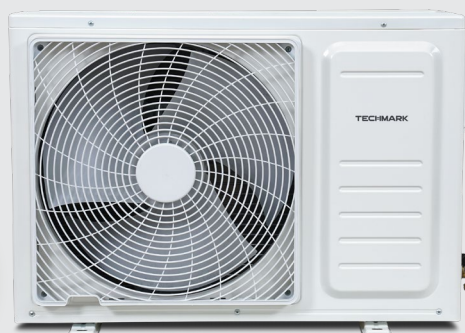
Saves 60% energy cost of water heating.

Sufficient for a 3/4 BHK apartment or villa

Wall mounted tank for space saving

Flexibility to mount the Heat pump unit for refreshing the room or outdoors.

Year round comfort in water supply temperature



Models	80L	100L
Rated Voltage (V)	220~	220~
Rated Frequency (Hz)	50	50
Rated Current (A) / Rated Input Power (W) - Heat Pumping	3.3/720	3.3/720
Rated Current (A) / Rated Input Power (W) - Electric Heating	8.2/2000	8.2/2000
Rated Heat Capacity (W) - Heat Pumping	2720	2720
Rated Heat Capacity (W) - Electric Heating	2000	2000
Cop - Heat Pumping	2.0	2.5
Insulation (mm)	45	45
Warm Up Time on heat Pump (Hours)	2.5	3.0
Max Working Pressure (Mpa)	0.8	0.8
Water Temperature Setting range (°C)- Heat Pumping	25~55	25~65
Water Temperature Setting range (°C)- Electric Heating	55~72	55~72
Heat Pumping Working Temperature (°C)	7~43	7~43
Refrigerants	R134a	R134a
Noise Value (Db)(A)	≤55	≤55
Net Weight (Kg)	32	37
ODU Net Weight (Kg)	30	30



150 / 200 Liters Large Capacity

Saves upto 75% energy cost of water heating

Suitably for villa, farm houses and large apartments

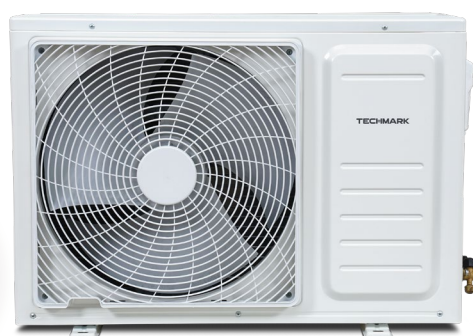
Year round comfort in water supply temperature

Floor mounting for easy installation

Flexibility of mounting Heat Pump unit to refresh room

Range expandable to 250 liters

Smart controls in your hand via Mobile App



Models	150L	200L
Rated Voltage (V)	220~	220~
Rated Frequency (Hz)	50	50
Rated Current (A) / Rated Input Power (W) - Heat Pumping	3.3/720	3.3/720
Rated Current (A) / Rated Input Power (W) - Electric Heating	8.2/2000	8.2/2000
Rated Heat Capacity (W) - Heat Pumping	2720	2720
Rated Heat Capacity (W) - Electric Heating	2000	2000
Cop - Heat Pumping	3.6	3.6
Insulation (mm)	45	45
Warm Up Time on heat Pump (Hours)	3.5	4.0
Max Working Pressure (Mpa)	0.8	0.8
Water Temperature Settingrange (°C)- Heat Pumping	25~55	25~55
Water Temperature Settingrange (°C)- Electric Heating	55~75	55~75
Heat Pumping Working Temperature (°C)	7~43	7~43
Refrigerants	R134a	R134a
Noise Value (Db)(A)	≤55	≤55
Net Weight (Kg)	45	55
ODU Net Weight (Kg)	31	31

TECHMARK INTERNATIONAL FZE
Consumer Durables & More

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