

# TECHMARK

Equal Partners

## ENJOY COLD WATER IN SUMMERS AND HOT WATER IN WINTERS



 SAVES  
**75%**  
ENERGY\*



# AQUASOL

## HEAT PUMPS

Isolated Safe  
Condenser

High Efficiency  
Compressor

Economically  
Viable

Quick  
Heating

Intelligent  
Control

\* In comparison to Electric Water Heater

## AQUASOL

FIRST TIME EVER



Introducing **Aquasol** – 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.





## HEAT PUMP

Techmark is a Sales & Marketing company serving GCC Countries and the MENA region, specializing in home appliances like Electric Water Heaters, Heat Pumps, Air Conditioners, LED Lighting, and more. We believe in transparent and equally advantageous partnerships, ensuring sustainable sales channels for our partners. We work closely with India's prominent consumer and industrial product manufacturers, who operate in the OEM & ODM markets, utilizing European technologies to offer a diverse product portfolio to global brands.



Cotherm, 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 with Cotherm's expertise in anticipating market trends and commitment to high-quality standards.

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

## Intelligent Controller Functions

**Three Eco modes for different seasons**

**Boost mode for Immediate heating**

**PV ready for the Environment savors**

**Remote connectivity using APP on Phone for operations**

**Energy Saving Monitor in Real Time**

## Features

<p><b>Economically Viable</b></p> <p>Realize economic savings with a swift return on investment typically within a mere 3 years.</p>	<p><b>Enhanced Energy Efficiency</b></p> <p>Achieve up to a remarkable 75% reduction in energy consumption compared to traditional electric water heaters.</p>	<p><b>Optimized Peak Consumption</b></p> <p>Experience instantaneous consumption that can be as low as 500W, 4 times lower compared to classic heating elements.</p>	<p><b>Magnesium Anode</b></p> <p>Contribute to environmental preservation by utilizing a heat pump water heater that produces a mere fraction of CO<sub>2</sub> emissions compared to traditional electric heaters.</p>
<p><b>COP upto 3.5</b></p> <p>Co-efficient of performance being 3.5 where normal water heaters are less than 1.</p>	<p><b>Titanium Coated Tank</b></p> <p>Allowing to resist rusting and protection against hard water.</p>	<p><b>Boost Heating Mode</b></p> <p>For the times when you need the hot water now, no matter the season or the time.</p>	<p><b>Limescale Proof</b></p> <p>Benefit from a low heating density that prevents limescale deposits, significantly extending the product's operational lifespan.</p>



## HEAT PUMP

### Med Capacity: 80/ 100 Liters

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	3.3/525	3.3/525
Rated Current (A) / Rated Input Power (W) - Electric Heating	8.2/2000	8.2/2000
Rated Heat Capacity (W) - Heat Pumping	—	—
Rated Heat Capacity (W) - Electric Heating	—	—
Cop - Heat Pumping	Min 2.5	Min 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 Settingrance (°c) - Heat Pumping	65~72	65~72
Water Temperature Settingrance (°c) - Electric Heating	65~72	65~72
Heat Pumping Working Temperature (°c)	7~43	7~43
Refrigerants	R134a	R134a
Noise Value (Db)(A)	≤55	≤55
Net Weight (Kg)	75/32	75/32



## HEAT PUMP

### Large Capacity: 150 / 200 Liters

- 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
- PV ready



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	8.2/1800	8.2/1800
Rated Heat Capacity (W) - Heat Pumping	2600	2600
Rated Heat Capacity (W) - Electric Heating	1800	1800
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 Settingrance (°c) - Heat Pumping	40~55	40~55
Water Temperature Settingrance (°c) - Electric Heating	40~75	40~75
Heat Pumping Working Temperature (°c)	7~43	7~43
Refrigerants	R134a	R134a
Noise Value (Db)(A)	≤55	≤55
Net Weight (Kg)	75/32	75/32