Racold

Your comfort your way

HOT WATER COMFORT, JUST THE WAY YOU LIKE IT.



AWARDED Superbrands INDIA Consumer Validated 2025

MARKSMEN DAILY MOST TRUSTED BRANDS OF INDIA 5TH EDITION 2025 - 2026

60+ YEARS OF EXCELLENCE

70% Savings

NOW AVAILABLE WITH A WIRED REMOTE

COEFFICIENT OF PERFORMANCE # 4.40

Available in
200L, 300L & 500L

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ABOUT ARISTON GROUP:

Ariston Group, Italy is a global leader in sustainable thermal comfort that offers a unique, extensive range of solutions for hot water, space heating and air treatment, as well as components and burners. Listed on Euronext Milan since November 2021, in 2023 the Group reported almost 3.1-billion-euro revenue, with over 10,000 employees, direct presence in 40 countries in 5 continents, 29 production sites and 29 research and development centers.

The Group demonstrates its commitment to sustainability through the development of renewable and high efficiency solutions, such as heat pumps, water heating heat pumps, hybrids, domestic ventilation, air handling and solar thermal systems. The Group also stands out for its continuous investment in technological innovation, digitalization, and advanced connectivity systems.

Operating under prominent global strategic brands such as Ariston, Elco, and Wolf, as well as renowned brands like Calorex, NTI, HTP, Chaffoteaux, Atag, Brink, Chromagen, Racold, Thermowatt and Ecoflam in the components and burners sector, the Group solidifies its presence across diverse markets.

WHY HEAT PUMP WATER HEATERS?

- It uses 70%* less electricity compared to conventional water heating solutions. It uses electricity only to move heat from one place to another instead of using it to generate heat. This results in 70%* less electricity consumption.

70%*
Energy Savings

- Heat pump water heaters have a CoP (Co-efficient of performance) of 4.40#, meaning that the energy produced in the form of hot water is 4.40# time more than that is consumed.
- By comparison, electric water heaters have a CoP of less than 1, resulting in heat pump water heaters giving an annual saving of approx. ₹10,000^.

^Savings are calculated @₹10 per unit, subject to internal lab test conditions.
#Available only to 500L as per lab test conditions.
*70% less electricity compared to conventional water heating solutions.

FEATURES:

ISOLATED SAFE CONDENSER
Designed according to European standards, this ensures safety and superioconduction of heat.

MAGNESIUM ANODE
The water heater comes with an anode that prevents corrosion of the inner tank and thus extends its life.

HIGH EFFICIENCY COMPRESSOR
This heat pump water heater ensures faster heat exchange, more hot water and increased savings.

QUICK HEATING
With this option, the heat pump water heater will work on both Heat Pump and Heating Element mode, giving you instant hot water.

TITANIUM PLUS TECHNOLOGY
The titanium enamel coating in the tank prevents corrosion by handling even the toughest water conditions, providing reliableand healthy water for years to come.

INTELLIGENT CONTROLLER
Easily set the temperature and schedule shower timings with the intelligent controller.

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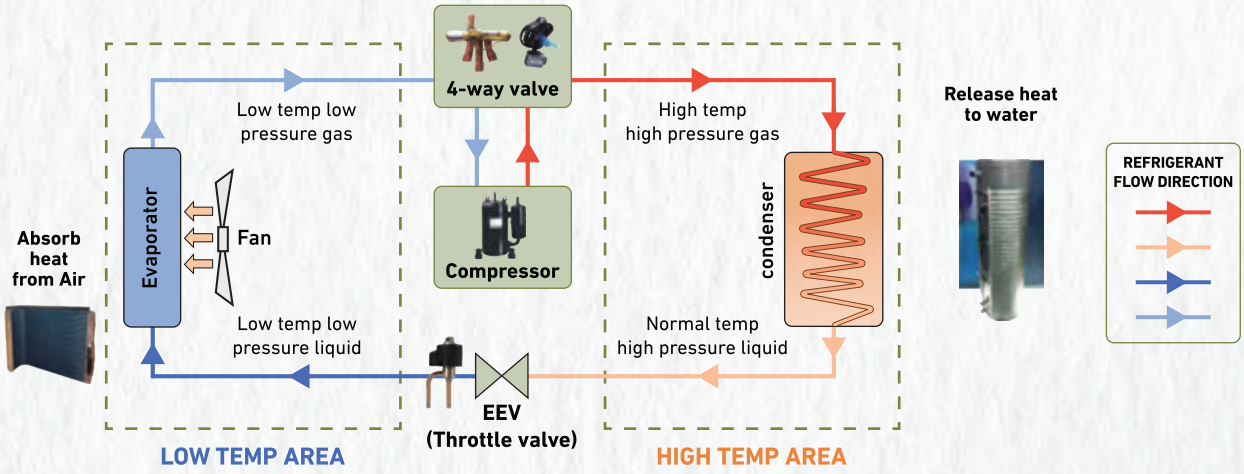
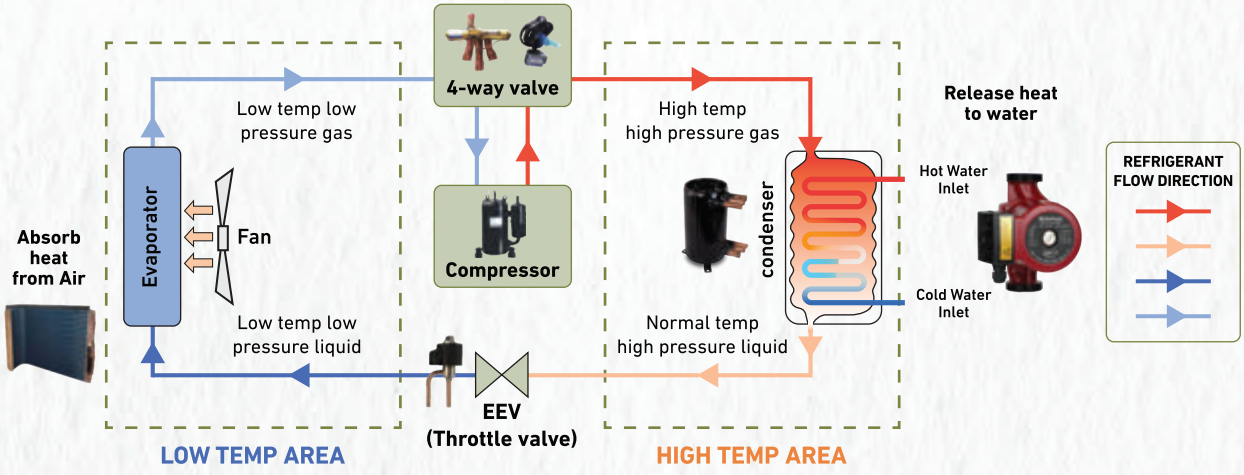
HOW DOES IT WORK?

HEAT PUMP WATER HEATING CYCLE - 200L & 300L



HEAT PUMP WATER HEATING CYCLE - 500L



THERMODYNAMIC CYCLE FOR HEAT PUMP:

Stage 1- Air Intake: External air is drawn into the heat pump using a fan.

Stage 2- Heat Absorption: The refrigerant in the evaporator, maintained at a temperature lower than the surrounding atmosphere, absorbs heat from the air and converts into vapor.

Stage 3- The compressor increases the pressure and temperature of the gaseous refrigerant.

Stage 4- Heat Exchange:

- **For 200L/300L:** The heated refrigerant circulates through the condenser coil wrapped around the storage tank, transferring heat to the water inside the tank. This process cools and condenses the refrigerant.
- **For 500L:** The heated refrigerant passes through a tube-in-shell heat exchanger, where it efficiently transfers heat to circulating water through copper tubes, heating the water while cooling and condensing the refrigerant.

Stage 5- Expansion: The refrigerant then flows through an electronic expansion valve, where its pressure and temperature are reduced, allowing the Heat Pump cycle to repeat.

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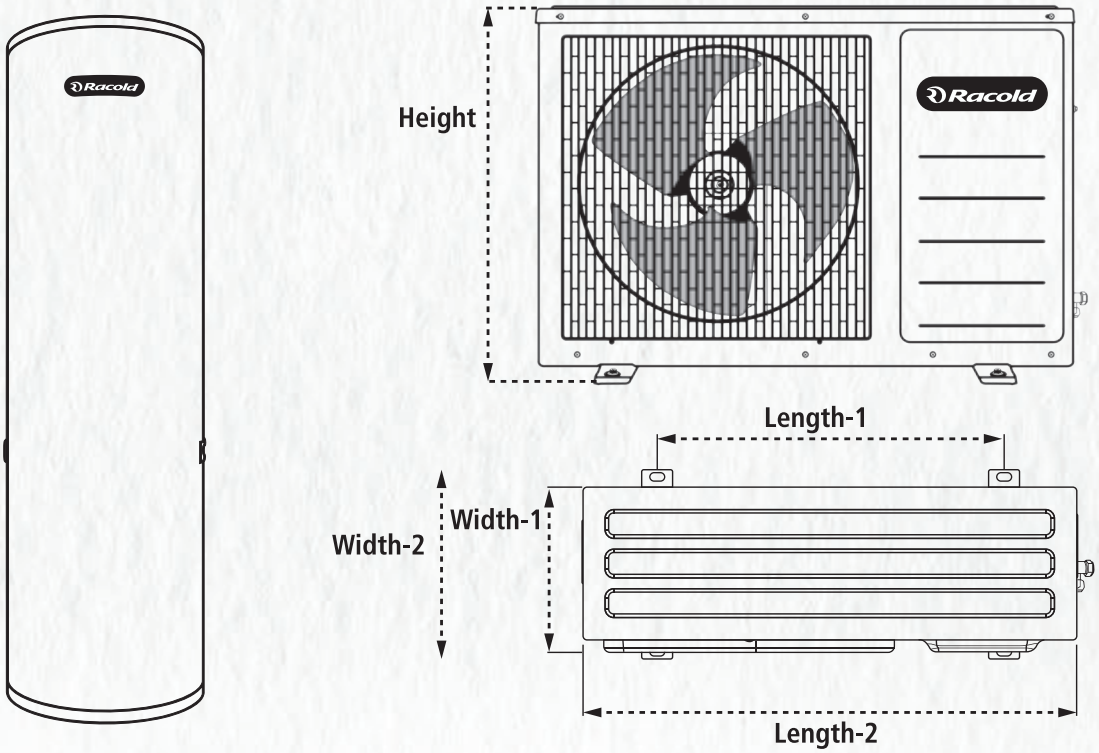
DOMESTIC HEAT PUMP WATER HEATER:

TECHNICAL PARAMETERS*	MODEL SPECIFICATIONS		
	200 Ltrs	300 Ltrs	500 Ltrs
Product Configuration	Split	Split	Split
COP	4.25	4.25	4.40
Highest Water Pressure (Bar)	8.5	8.5	8
Heating Element (kW)	2	3	3
Refrigerant	R134A	R410A	R410A
Tank net weight-without water (Kgs)	70	90	110
Tank dimensions (mm)	Ø500X1716	Ø620X1655	Ø733X1820
Main unit net dimensions (mm)	780X300X543	780X300X543	975X420X603
Mains Electrical Connection (Hz)	50	50	50
Magnesium Anode	Yes	Yes	Yes
Maximum Temperature Setting - HP Mode (°C)	75	55	55
Maximum Temperature Setting with Electrical Heating Element (°C)	75	70	70
Rated Hot Water Output^ (Ltr Per Hour)	75	110	135
Power Output (W)	3500	5261	6200
Power Input (W)	823	1239	1409
Noise level in DB (1 meter as per standard)	50	50	54

*Testing Conditions: Ambient temperature: DBT 20°C/WBT 15°C & Water temperature from 15°C to 55°C.

PRODUCT LINE DIAGRAM:



Model	Length-1	Length-2	Width-1	Width-2	Height
Heat Pump 200L/300L	548	780	261	300	543
Heat Pump 500L	645	975	356	420	603

5 YEARS WARRANTY

Inner Tank	5 yrs
Compressor	
Product	2 yrs

CFC FREE

Chlorofluorocarbon Free

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Winner of Good Design Award

MARKETED BY: ARISTON GROUP INDIA PRIVATE LIMITED
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Shivajinagar, Pune-411005 Maharashtra, India.

Customer Care:
Email: customer.care@racold.com

Scan to find a store near you

24x7 WhatsApp Chat Assistance 73628 88999 | 020 67342288 | 08600256000

Address: Same as marketed by.
www.racold.com

Disclaimer:

- 'Racold' brand is a registered trademark of Ariston Spa, Italy.
- Any dispute shall be subject to the exclusive jurisdiction of Pune Courts.
- Always use genuine Racold spare parts and connecting pipes.
- Always get your installation done by authorized Racold Service center only.
- Star rating obtained as per BEE guidelines.
- The images of the products are for illustration purpose only and may differ from actual product.
- Specifications are subject to change without prior notice.
- Water inside the geyser must not be pre-heated before activating the Children Care Mode.
- Free installation and pipes available only on select models in certain areas. Please check our website or call center for eligibility.
- All BEE star ratings are valid from 1st January, 2023 to 31st December, 2025.
- For T&C, please visit www.racold.com