



Your comfort your way

HOT WATER COMFORT, JUST THE WAY YOU LIKE IT.



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.
- 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.

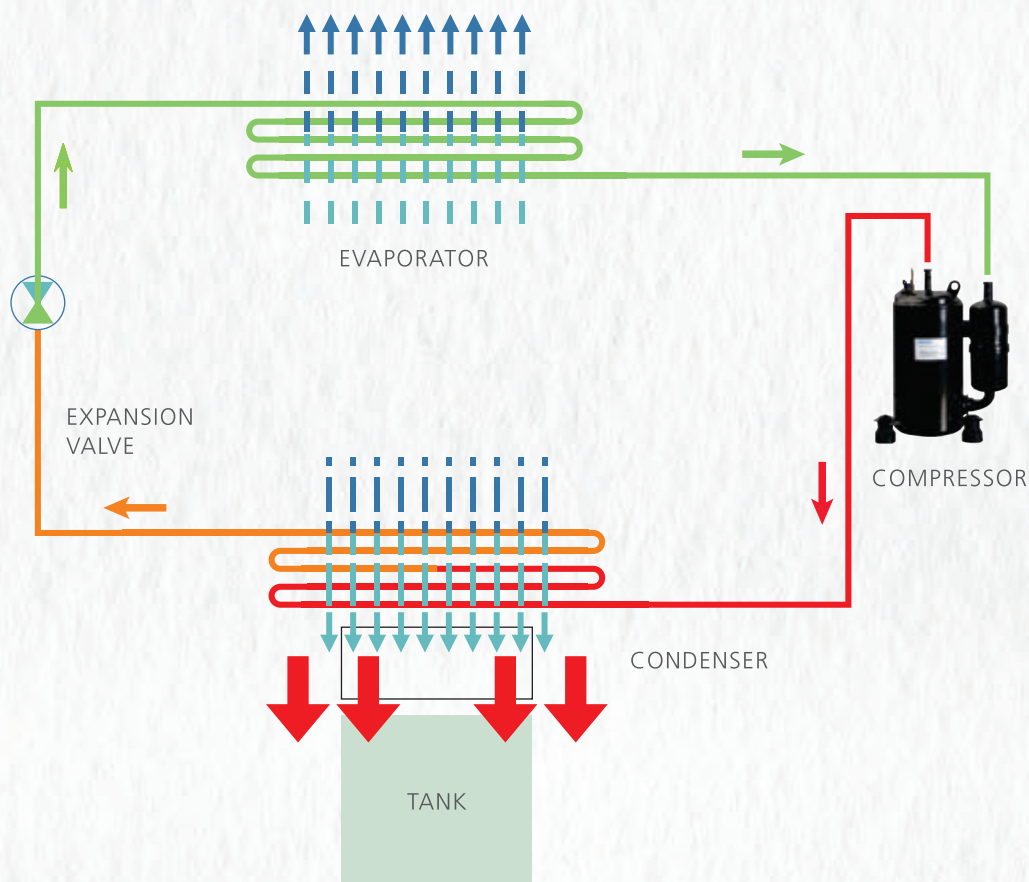
*70% less electricity compared to conventional water heating solutions.

70%*
Energy Savings

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.

HOW DOES IT WORK?



THERMODYNAMIC CYCLE:

- External air is sucked inside the head pump with the help of a fan.
- Since the refrigerant in the evaporator is kept at a lower temperature than the surrounding atmosphere, it absorbs heat from the surrounding and then transfers it to the evaporator.
- The compressor compresses the gaseous refrigerant and raises the pressure and temperature of the refrigerant.
- The heated refrigerant runs through the condenser coil wrapped around the storage tank, transferring the heat to the water stored in the tank, cooling and condensing it.
- The refrigerant then passes through an expansion valve where the pressure and temperature is reduced further for the whole process to start again.



Inner Tank	5 yrs
Compressor	5 yrs
Product	2 yrs



Chlorofluorocarbon Free

TECHNICAL SPECIFICATIONS#**

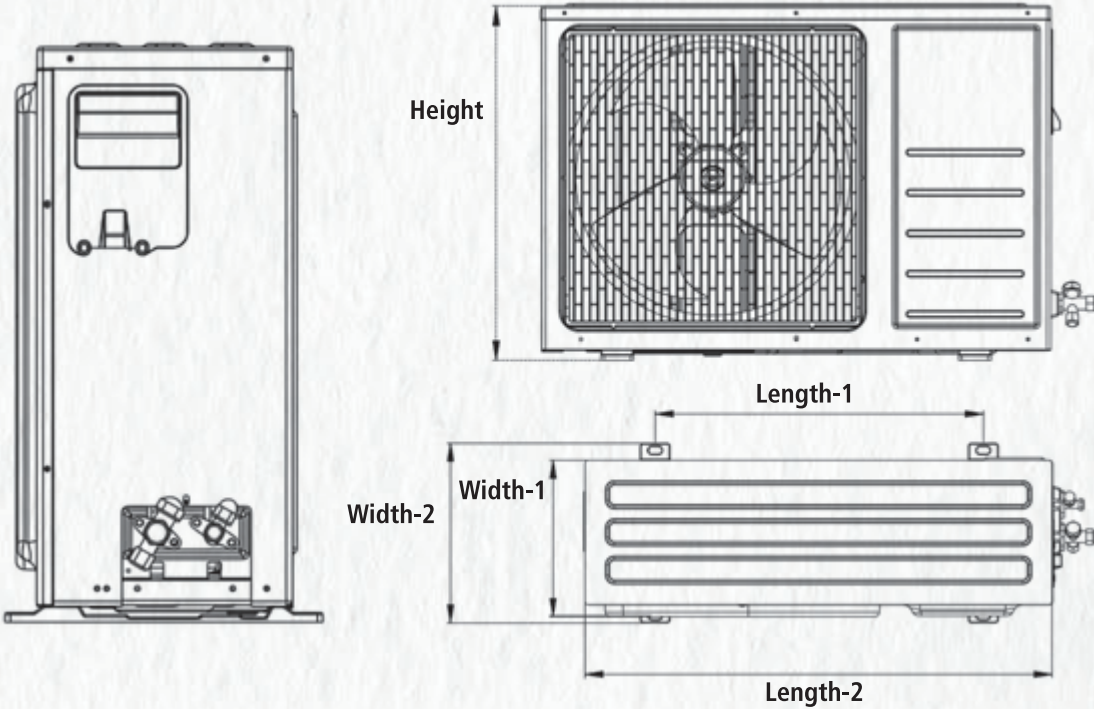
S.No.	Model	200 Ltrs	300 Ltrs	500 Ltrs
1	Capacity	200	300	500
2	Product Configuration	Split	Split	Split
3	CoP#	4.25	4.25	4.4
4	Noise level in DB (1 meter as per standard)	54	50	54
5	Operating Pressure (Bar)	8	8	8
6	Heating Element (kW)	2	3	3
7	Refrigerant	R134A	R410A	R410A
8	Tank net weight-without water (Kgs)	60	82	110
9	Product dimensions (mm)	500X1716	620X1655	733X1820
10	Mains Electrical Connection (Hz)	50	50	50
11	Anode	Yes	Yes	Yes
12	Maximum Temperature Setting - HP Mode (°C)	75	55	55
13	Maximum Temperature Setting with Electrical Heating Element (°C)	75	70	70
14	Rated Hot Water Output^ (Ltr Per Hour)	75	110	135
15	Power Output (W)	3500	5261	6200
16	Power Input (W)	823	1239	1409

**Subject to internal test conditions.

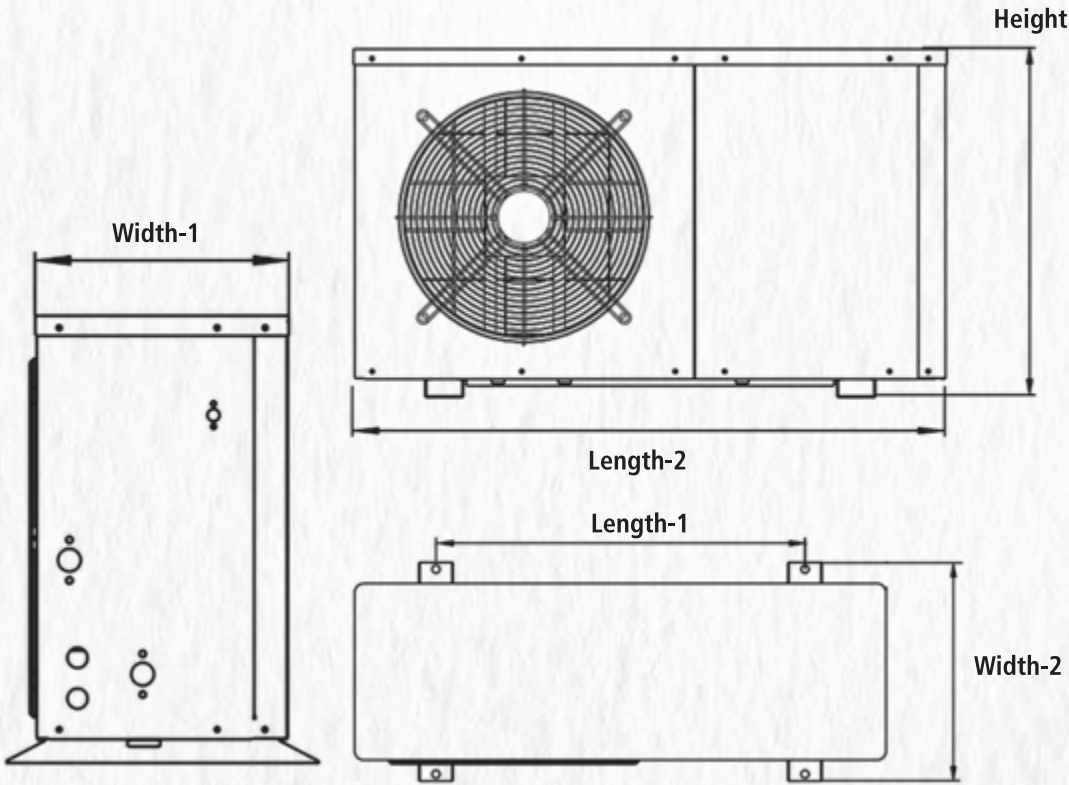
**Environment DB/WB 20/15°C, water temperature range from 15°C to 55°C.

#The calculated heating time is considering inlet water temperature @ 20° C.

PRODUCT LINE DIAGRAM:



Model	Length-1	Length-2	Width-1	Width-2	Height
Heat Pump 200L/300L	548	780	261	300	548



Model	Length-1	Length-2	Width-1	Width-2	Height
Heat Pump 500L	645	975	356	420	603



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Winner of
Good Design
Award

MARKETED BY: ARISTON GROUP INDIA PRIVATE LIMITED

**1st Floor, Office No. 103, Mayfair Tower, Wakdewadi,
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Customer Care:

Email: customer.care@racold.com



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**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