

DESIGNED FOR A SUSTAINABLE FUTURE!



Reborn Everyday With Hot Water



After-sales service

Racold leads the way in service support with:
• Nationwide service technicians with over 400 service centres
• Use of genuine Racold spare parts
Racold is a registered trademark of Ariston Spa, Italy.



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RACOLD COMMERCIAL HEAT PUMP WATER HEATER





Reborn Everyday With Hot Water



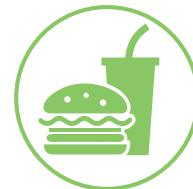
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About Ariston Group

Ariston Group is an international company among the leaders in water and environmental heating solutions. The Group develops and provides solutions that use renewable energy, such as solar thermal systems and heat pumps, with a continuous investment in innovation for the development of increasingly advanced connected systems. In 2022, Ariston Group recorded a sale of 8 million products in more than 166 countries, with 7,975 employees, 64 operating companies and 5 representative offices in 42 countries, 25 production sites in 15 countries and 25 centers of competences and R&D in 15 countries.

The Group offers a full range of products, systems and services mainly under the brands Ariston, ELCO, Chaffoteaux, Atag, Racold, Calorex, NTI, HTP. The goal of Ariston Group is to look to the future of thermal comfort, offering an optimal combination of quality, energy savings and respect for the environment.

Racold Heat Pump Heater APPLICATIONS



FAST FOOD CHAINS



VILLAS



CORPORATE CANTEENS



HOTELS



APARTMENTS



BUNGALOWS



GYM



SPA



SWIMMING POOL HEATING



INDUSTRIAL



HOSPITALS

CUSTOMER'S
SPEAK

FROM AMONGST THOUSANDS
OF OUR HAPPY CUSTOMERS, HERE'S WHAT ONE HAS TO SAY:

"We are pleased to partner with Ariston Thermo India mainly because of three reasons:

BELIEF
IN THE BRAND

“Globally and locally both Ariston and Racold are the biggest water heating solution brands and we at Max India were confident of partnering with the most trusted water heater brand.”



CUSTOMIZATION

“We are very happy with the tailor-made solutions that Racold provided us.”

TEAM WORK
AND SERVICE

“Despite being a long turnkey project, the 24X7 support extended by Racold's sales and service team for installation is much appreciated.”

About Racold

Racold is India's most trusted brand (as per Brand Trust Report 2016) and one of the largest provider of water heating solutions for over 60 years in India. It is a fully owned subsidiary of Ariston Group - Italy, the world leaders in the water and environmental heating solutions. Ever since its inception, Racold, has been setting standards in the Indian Water Heating Industry by bringing in new technology, enhancing the aesthetics, quality, safety, durability and performance of the product. Racold has set a new benchmark in the industry for energy efficiency standards and has the distinction of being the only brand in the water heating category to win the prestigious BEE award for the 10th time in 2020. Racold is the only brand in the water heating category to be chosen as a Superbrand in 2019, 2021 & 2023.



The Ministry of New and Renewable Energy (MNRE) has recognized "RACOLD" for its outstanding efforts by conferring two awards lauding its achievement in Solar Thermal Installation by square metre and for the Best Service and Dealer Network in India.



Winner of highest number of National Energy Conservation Awards.



Reborn Everyday With Hot Water



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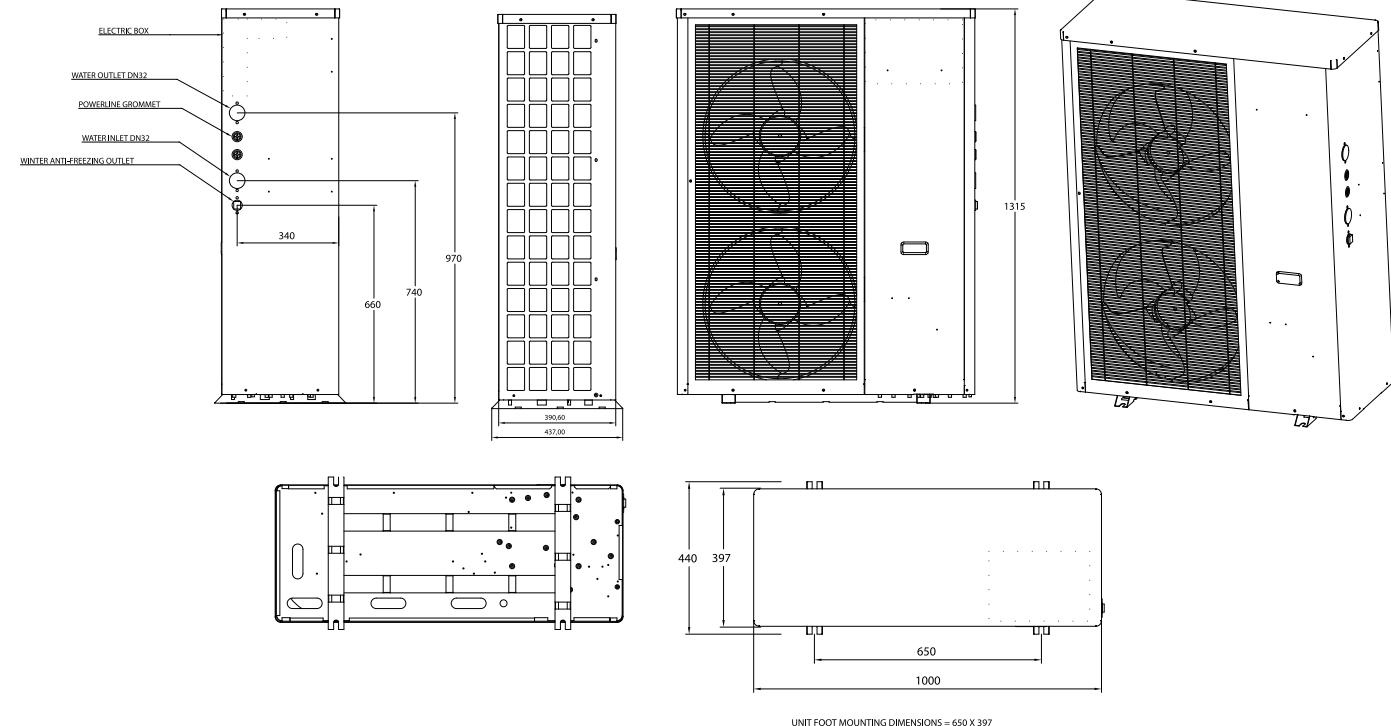
*T&C Apply.

What is the RACOLD COMMERCIAL Heat Pump Water Heater?

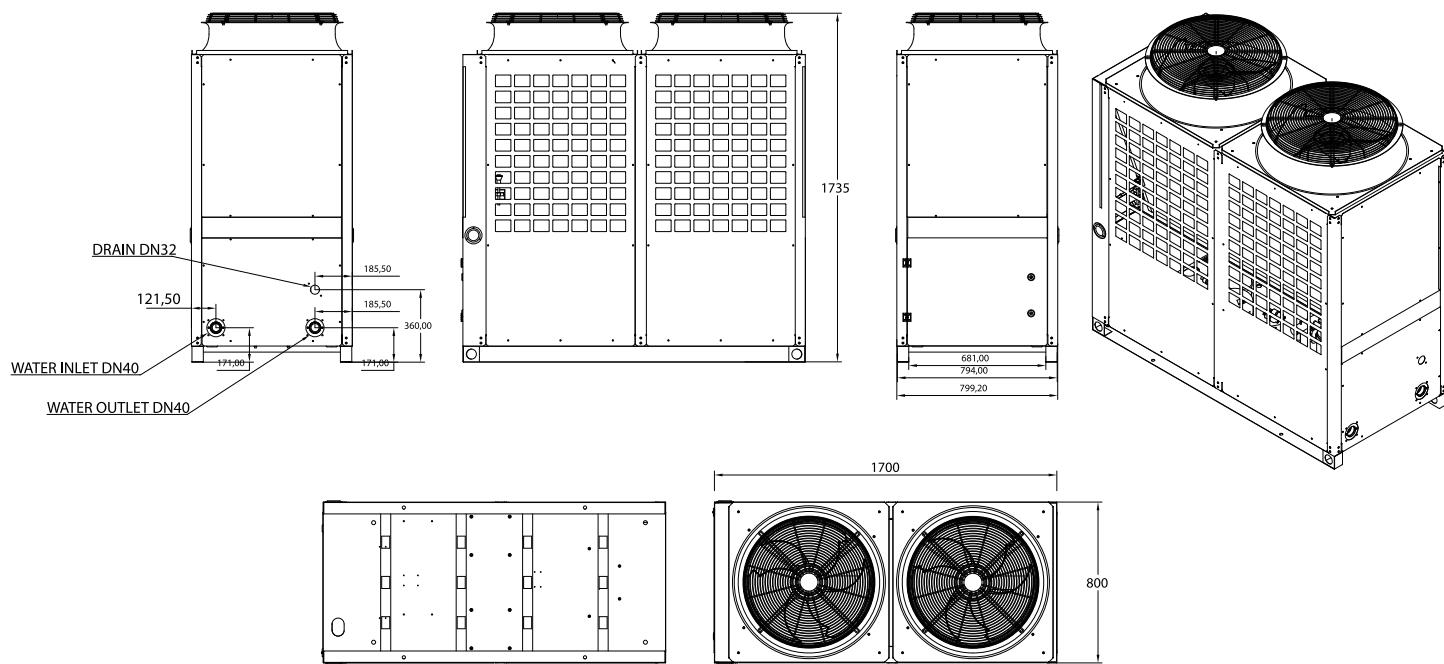
The Racold Commercial Heat Pump Water Heater is a new generation high-efficiency, energy saving, environment-friendly, water heating solution. It is a combination of the highest quality and latest eco-friendly technology.

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.

R HPWH 23TP HX MT



R HPWH 48TP HX MT



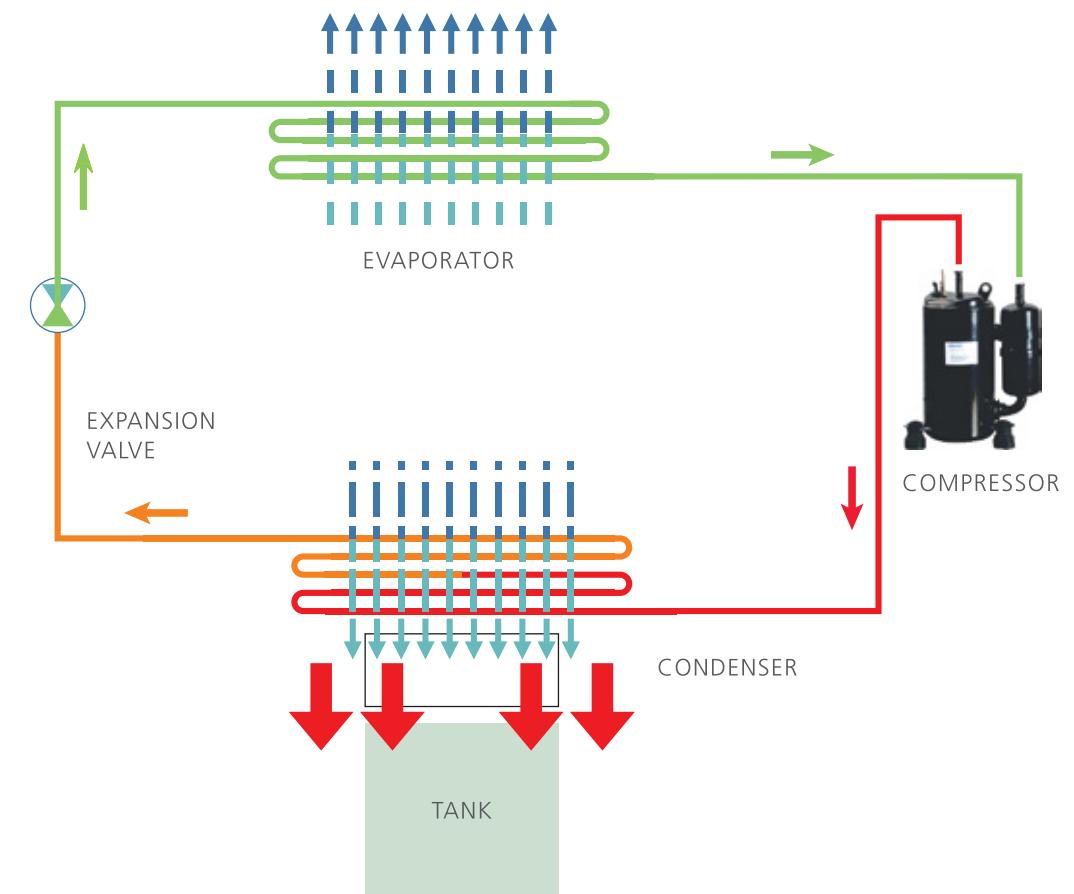
TECHNICAL Specifications



R HPWH 23TP HX MT
R HPWH 48TP HX MT

Technical Parameters	UOM	Model Specifications	
		R HPWH 23TP HX MT	R HPWH 48TP HX MT
Power Supply	(V/Ph/Hz)	380~415/3/50	380~415/3/50
Rated Heating Power Output	KW	23	48
Rated Heating Power Input	KW	4.84	9.97
COP		4.75	4.81
Water Production*	L/hrs.	494	1031
Refrigerant /Weight	gram	R410A/3.2kg	R410A/2x3.3kg
Required Water Flow Rate	(m³/hr)	4	8.3
Pressure Loss	KPa	129	110
Max. Operation Current	Amp	11.5	24.2
Water Connection Size	Inch	1.25	1.5
Level Against Electric Shock		I	I
Water Proof Grade	IP Rating	IPX4	IPX4
Noise	DB (A)	56	61
Net Weight	Kg	154	350
Net Size	mm	1000x395x1315	1700x800x1735
Operation Ambient Temp. Range	°C	-15 to 43	-15 to 43

How does it WORK?



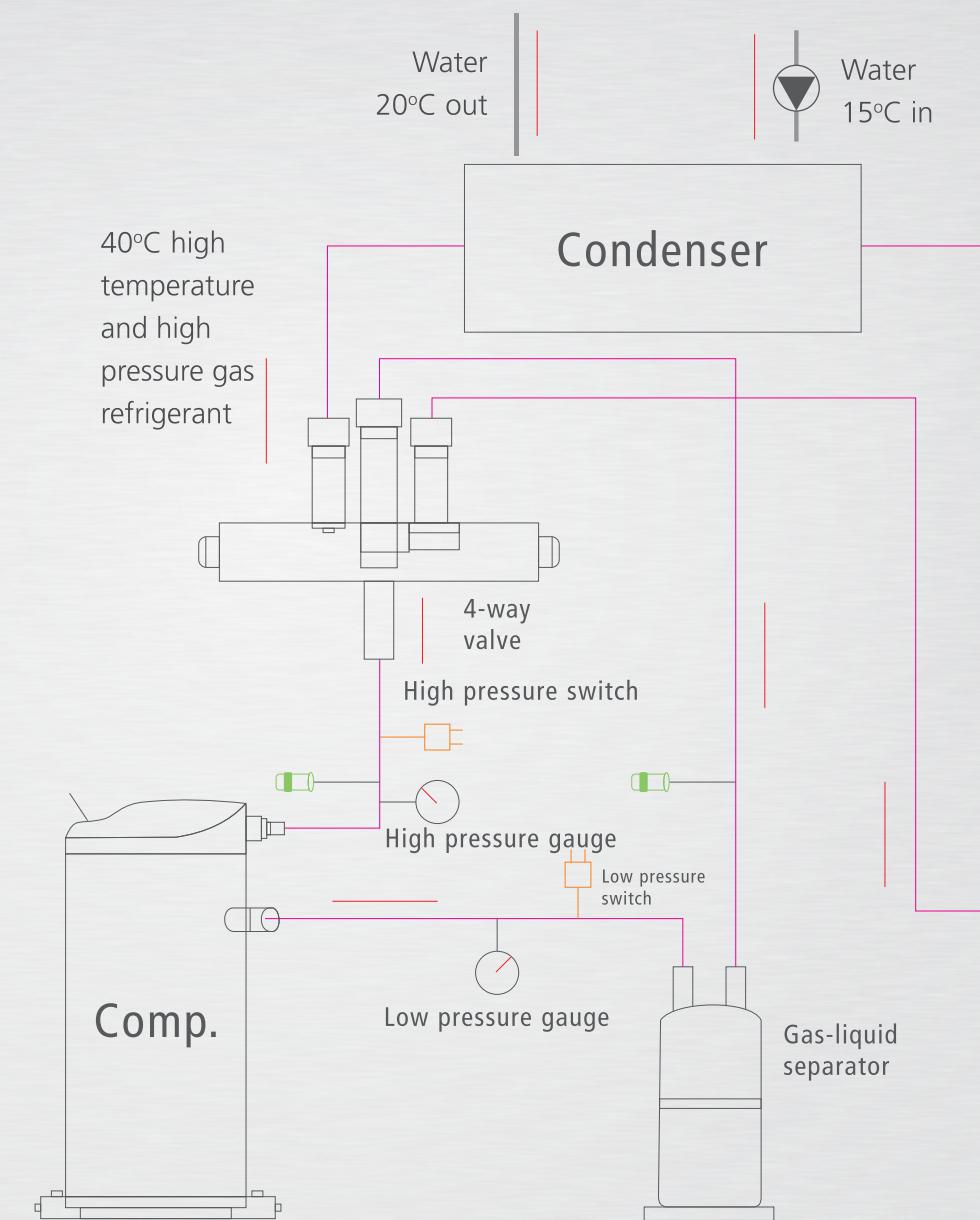
Thermodynamic cycle:

- External air is sucked inside the heat 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 surroundings and evaporates
- 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 there and it cools and condenses
- The refrigerant then passes through an expansion valve where the pressure and temperature is reduced further for the whole process to start again

*Testing condition: Ambient temperature 20°C/15°C, water circulation from 15°C to 55°C.



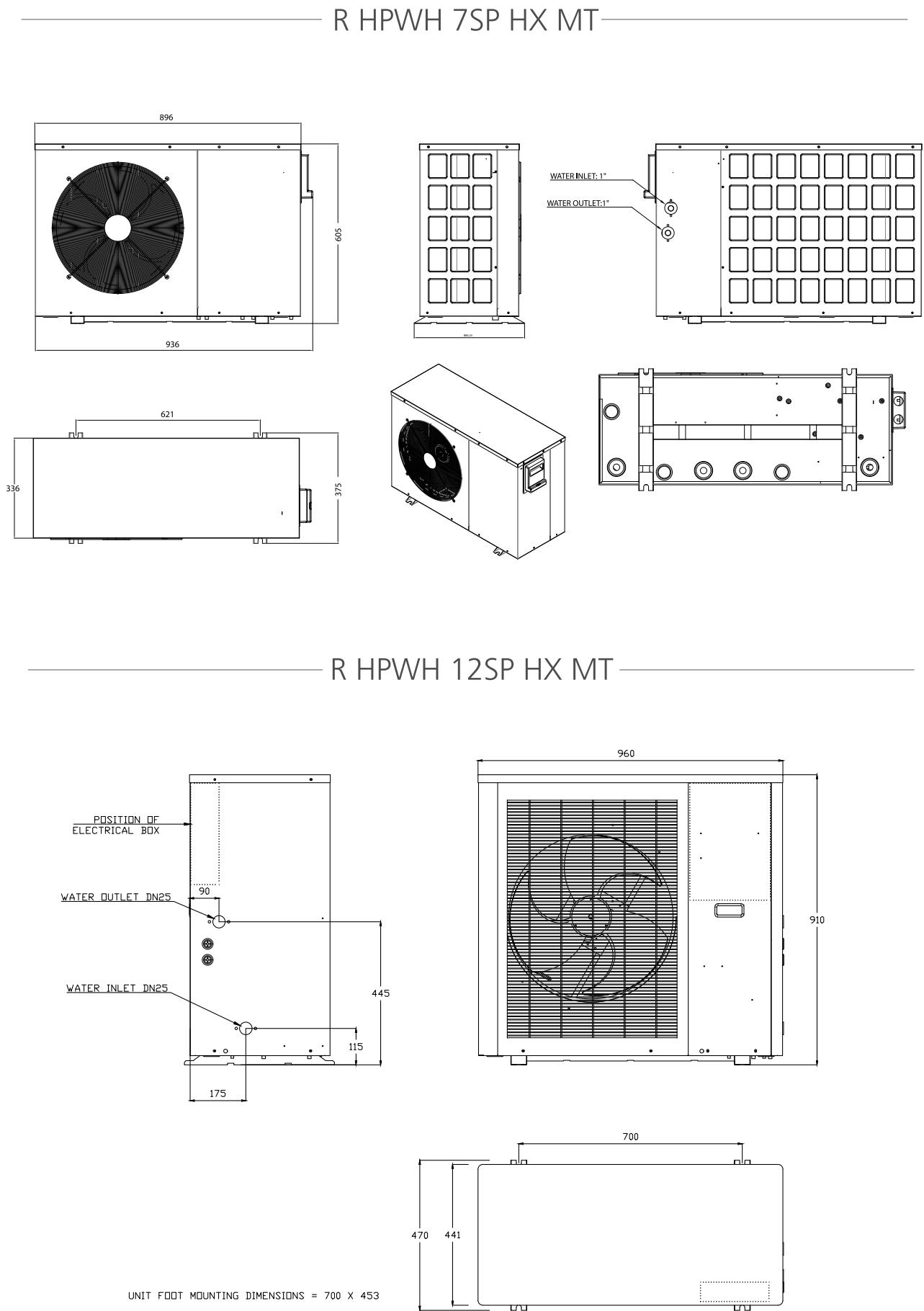
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An ENERGY-Saving technology
in a USER-FRIENDLY product!



Reborn Everyday With Hot Water



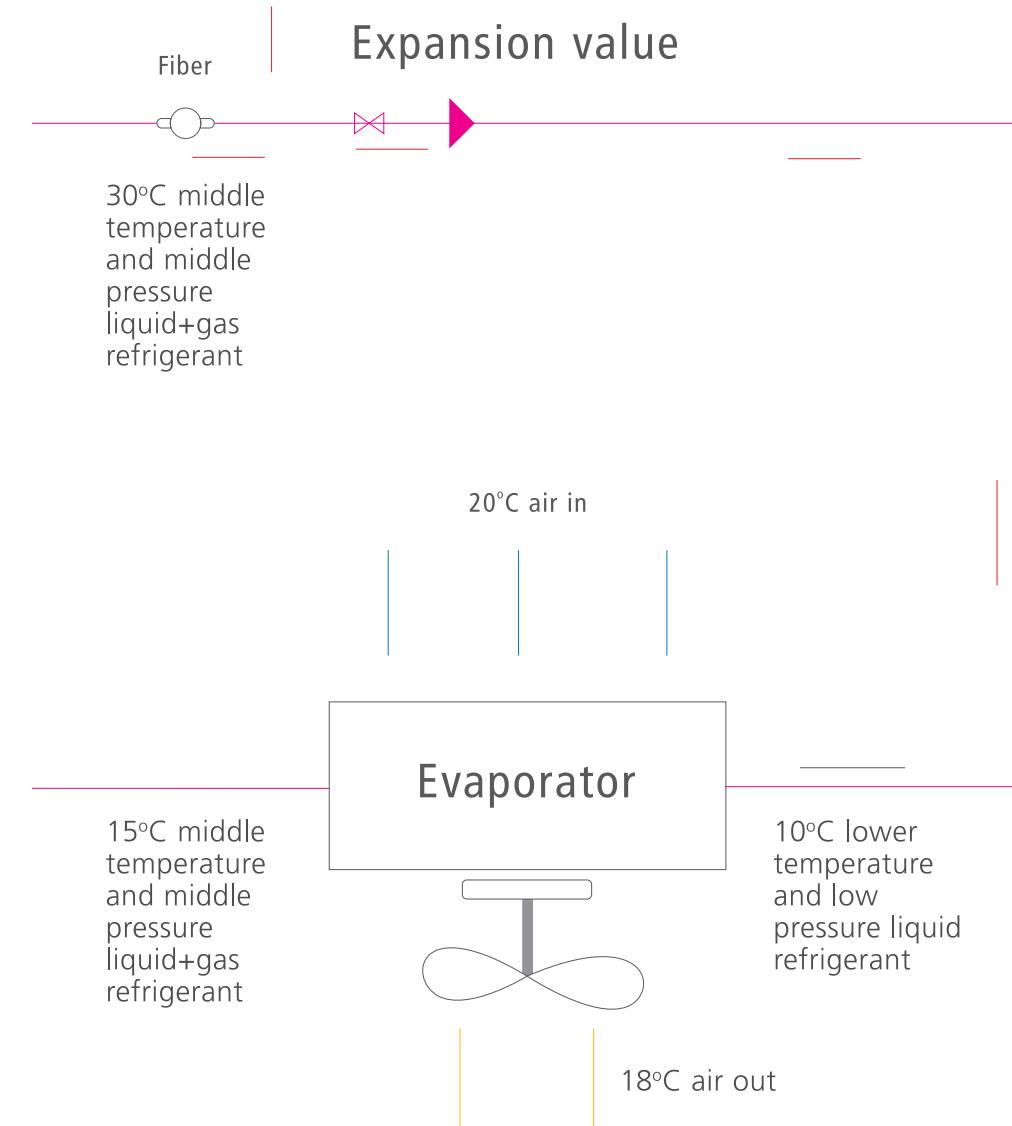
TECHNICAL Specifications

R HPWH 7SP HX MT
R HPWH 12SP HX MT



Technical Parameters	UOM	Model Specifications	
		R HPWH 7SP HX MT	R HPWH 12SP HX MT
Power Supply	(V/Ph/Hz)	220~240/1/50	220~240/1/50
Rated Heating Power Output	KW	6.80	11.6
Rated Heating Power Input	KW	1.65	2.49
COP		4.12	4.66
Water Production*	L/hrs.	142	250
Refrigerant /Weight	gram	R410A/1.2kg	R410A/1.7kg
Required Water flow Rate	(m ³ /hr)	1.2	2
Pressure Loss	KPa	36	65
Max. Operation Current	Amp	10.5	17.1
Water Connection Size	Inch	1	1
Level against Electric Shock		I	I
Water proof Grade	IP Rating	IPX4	IPX4
Noise	DB (A)	59	54
Net Weight	Kg	69	94
Net Size	mm	936x375x605	960 X 470 X 910
Operation Ambient Temp. Range	°C	-7 to 43	-15 to 43

*Testing condition: Ambient temperature 20°C/15°C, water circulation from 15°C to 55°C.



The Racold Commercial Heat Pump Water Heater is a new generation water heater that uses the principle of "**Reverse Carnot Cycle**" to absorb heat from the air to heat water inside the tank. It is a highly efficient, energy-saving and environment friendly technology.

This Water Heater is available in well-designed units which are simple to operate, easy to install and have a smart remote controller.

Annual Saving with Heat Pump

Per 1000 L Per Day



The RACOLD COMMERCIAL Heat Pump Water Heater ADVANTAGES

The Racold Commercial Heat Pump Water Heater gives you many advantages, on all front - be it efficiency, safety, reliability, cost effectiveness, ease of installation & usage.

 Save more Energy Save up to 70% energy compared to conventional water heating solutions	 Environment Friendly We use the environment friendly refrigerant R417A	 Depreciation Benefit Companies can claim depreciation benefit as per Government of India norms under the Income Tax Act
 Smart Digital Control Temperature and the time when hot water is required can be easily set via smart digital controller	 Safe and Reliable It is 100% shock free as electricity and water flow is separated in this design	 Sturds Components The components are long lasting, strong and weatherproof for extended durability
 Easy to Install Heat Pump can be very easily instaled on rooftop or any area with good ventilation	 Easy to Use It can be easily operated via Smart Digital Controller that comes with it	 Save more Space Compact design saves more space as compared to other conventional water heating solutions
 Government Clearance No government clearance is required for the heat pump set up and use	 Longer Life Lifespan ranges from 10 to 15 years	 Payback Period Investment on Water heater can be recovered within 2 to 3 years through accrued savings on energy bills
 Maintenance Free Can last for years with little or no maintenance	 Racold Service Log in on our website to register a service request or just call us on our Helpline Numbers WhatsApp or Email us	 Annual Maintenance Contract You can be assured of timely maintenance of your Racold Heat Pump Water Heater by opting for our AMC

