



Reborn Everyday With Hot Water

DESIGNED FOR A SUSTAINABLE FUTURE!



Reborn Everyday With Hot Water



RACOLD COMMERCIAL HEAT PUMP WATER HEATER



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.



MARKETED BY:
ARISTON GROUP INDIA PRIVATE LIMITED
Office No: 103, 1st Floor, Mayfair Tower,
Wakdewadi, Shivaji Nagar,
Pune - 411005, Maharashtra.
www.racold.com

Customer Care: 020 6734 2288 / 8600 256 000

Email: customer.care@racold.com

WhatsApp number: 7362 888 999

For T&C visit www.racold.com



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



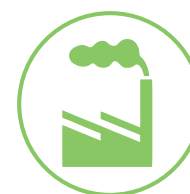
GYM



SPA



SWIMMING POOL HEATING



INDUSTRIAL



HOSPITALS



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.

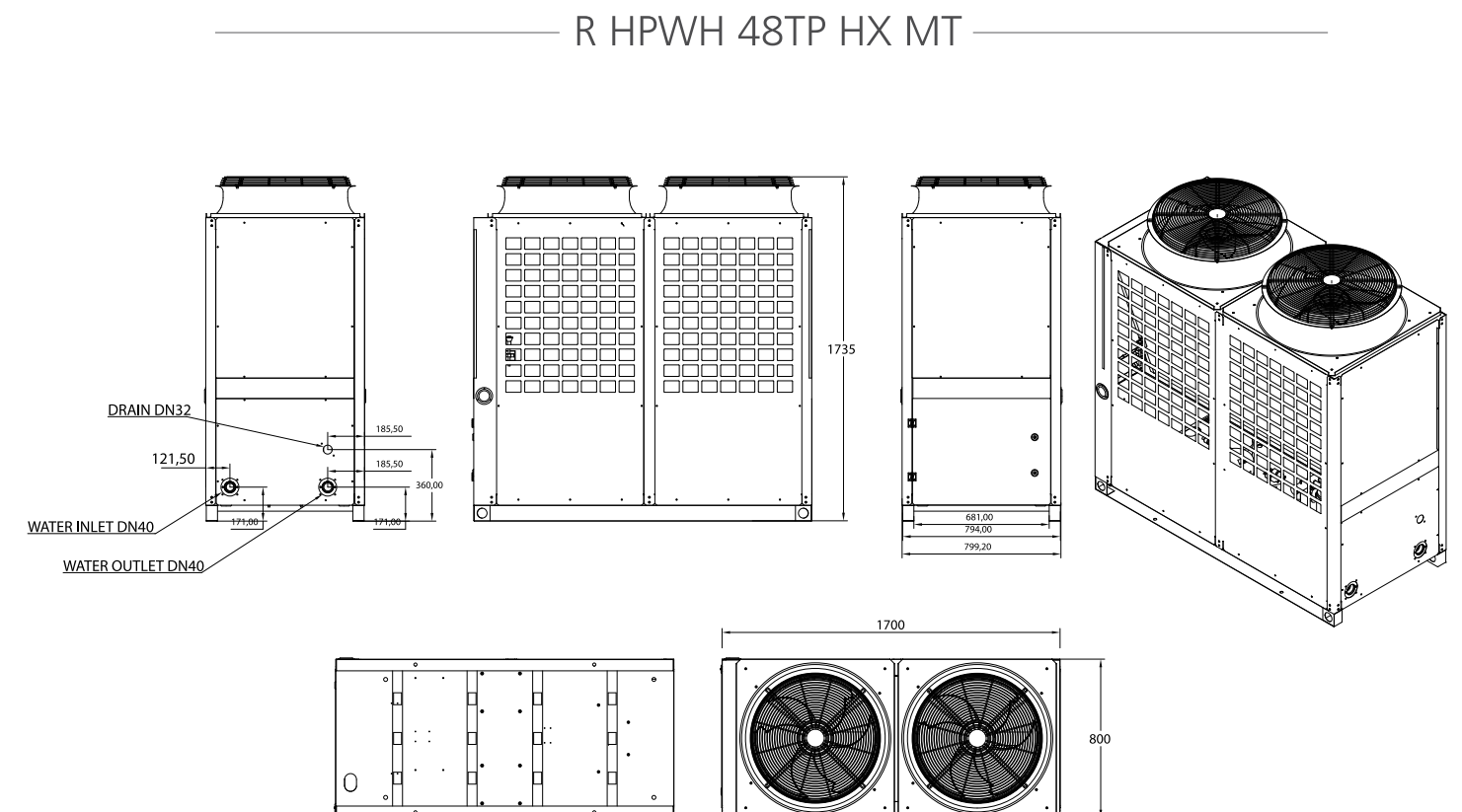
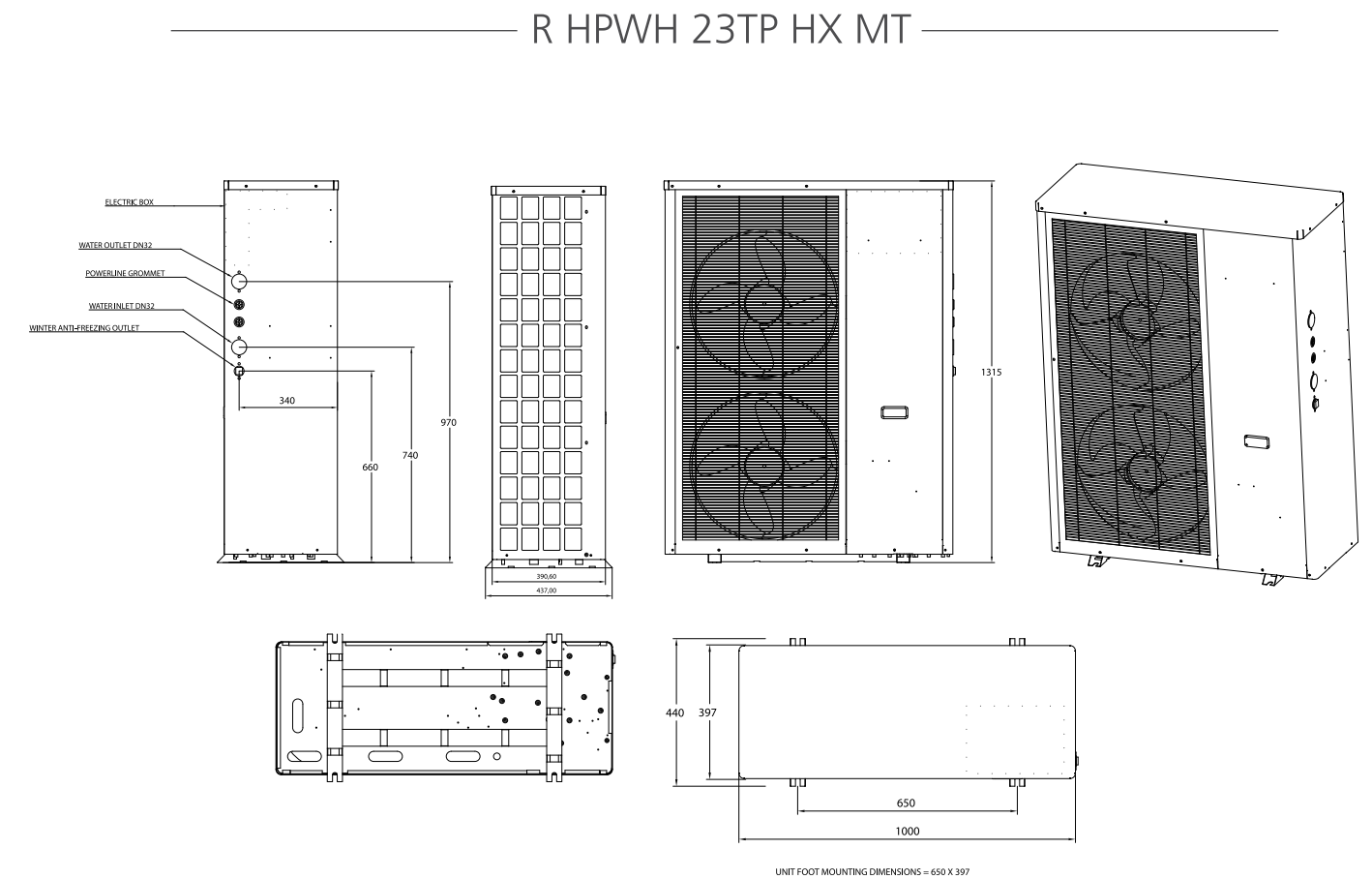


What is the RACOLD COMMERCIAL Heat Pump Water Heater?

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.

*T & C Apply.



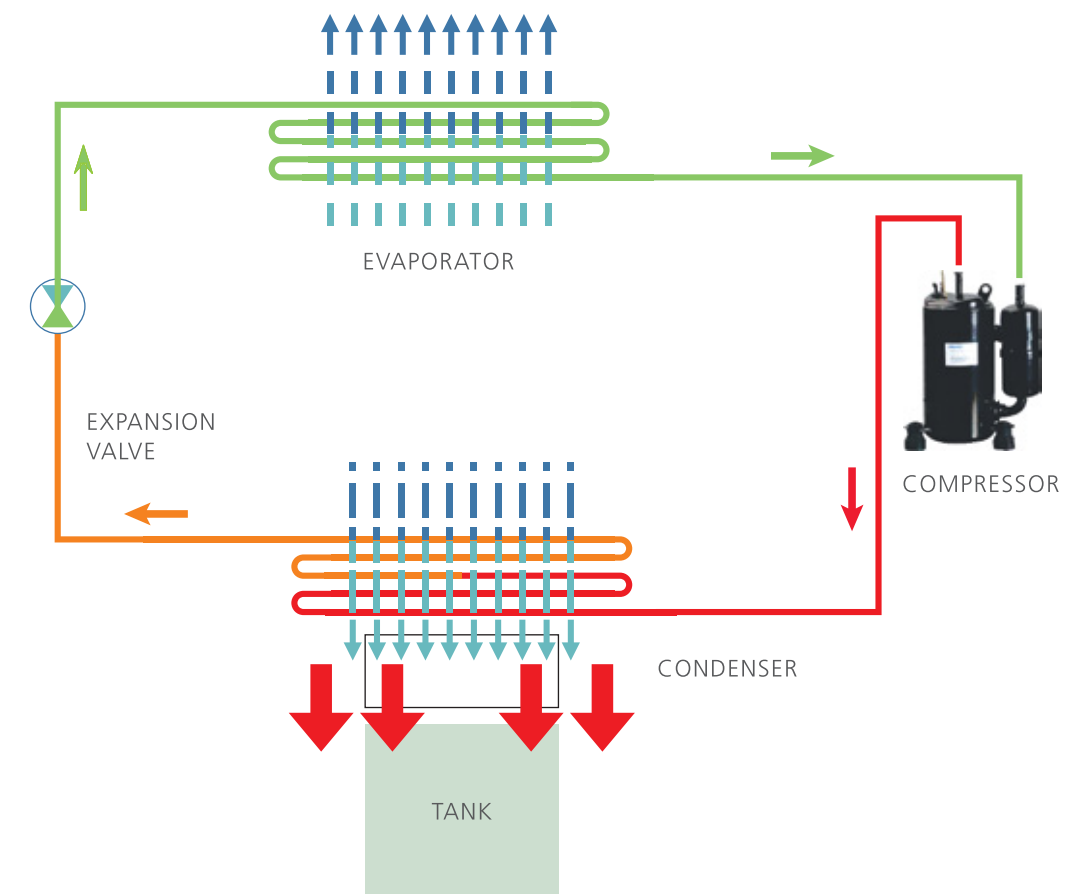
TECHNICAL Specifications

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	(m ³ /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

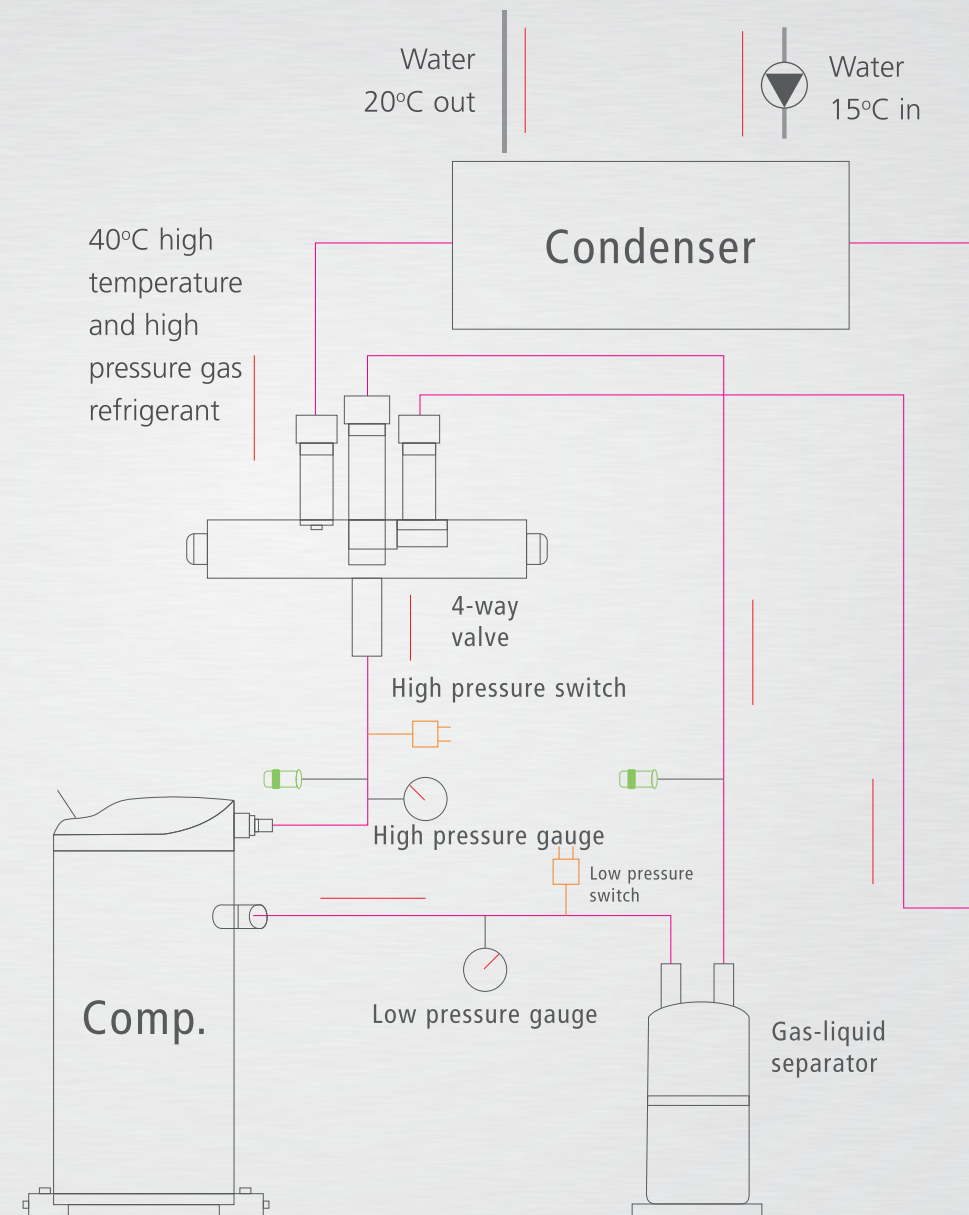
How does it WORK?



Thermodynamic cycle:

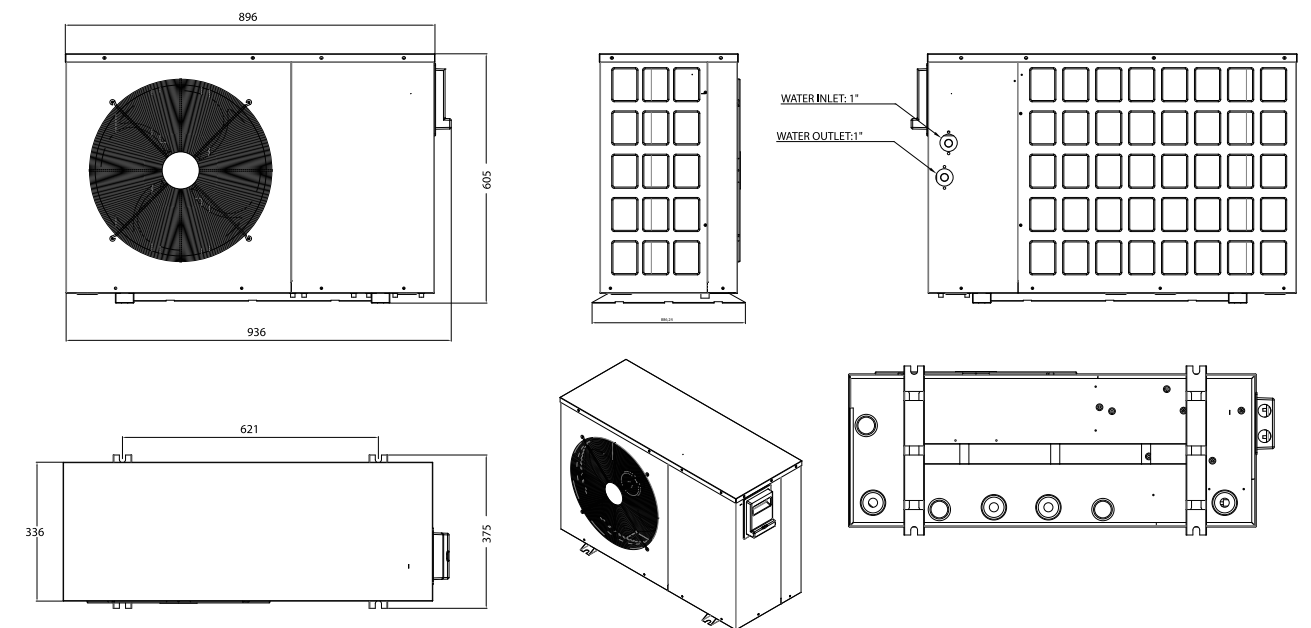
- External air is sucked inside the heat pump with the help of a fan
- Since the refrigerant in the evaporator is kept at a lower temperature than the surrounding atmosphere, it absorbs heat from the surroundings and evaporates
- The compressor compresses the gaseous refrigerant and raises the pressure 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 condensates
- 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.

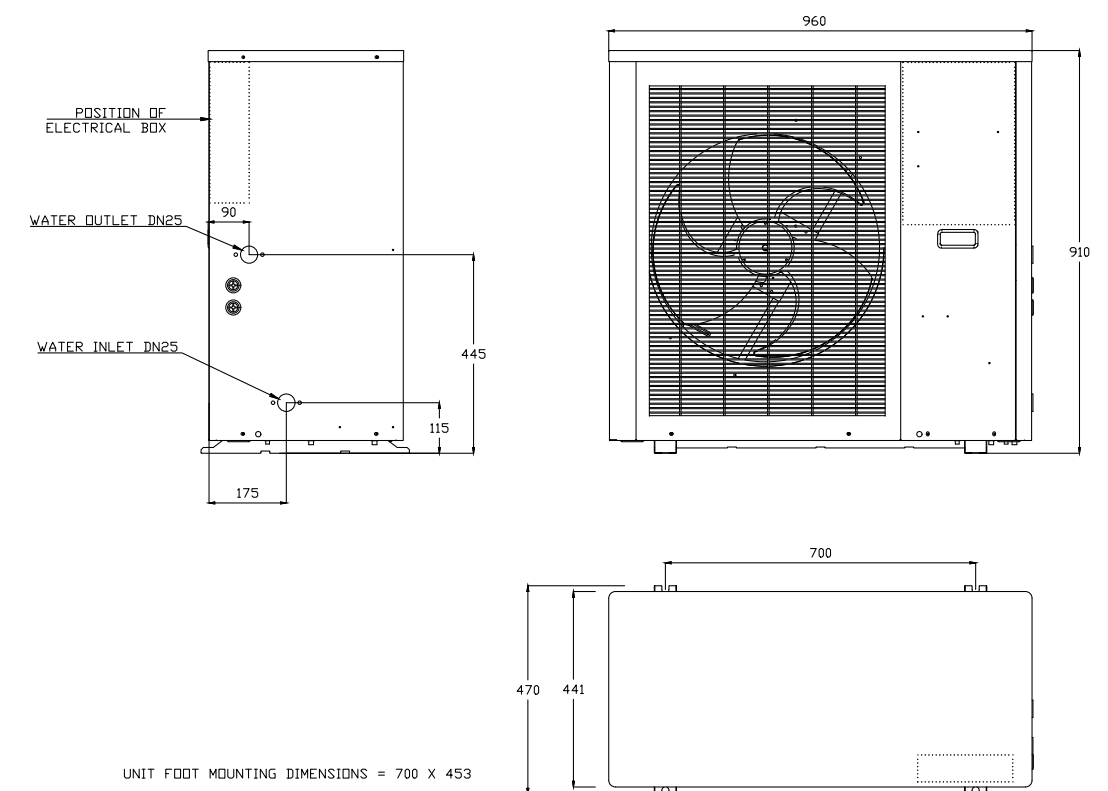


An ENERGY-Saving technology
in a USER-FRIENDLY product!

R HPWH 7SP HX MT



R HPWH 12SP HX MT



UNIT FOOT MOUNTING DIMENSIONS = 700 X 453

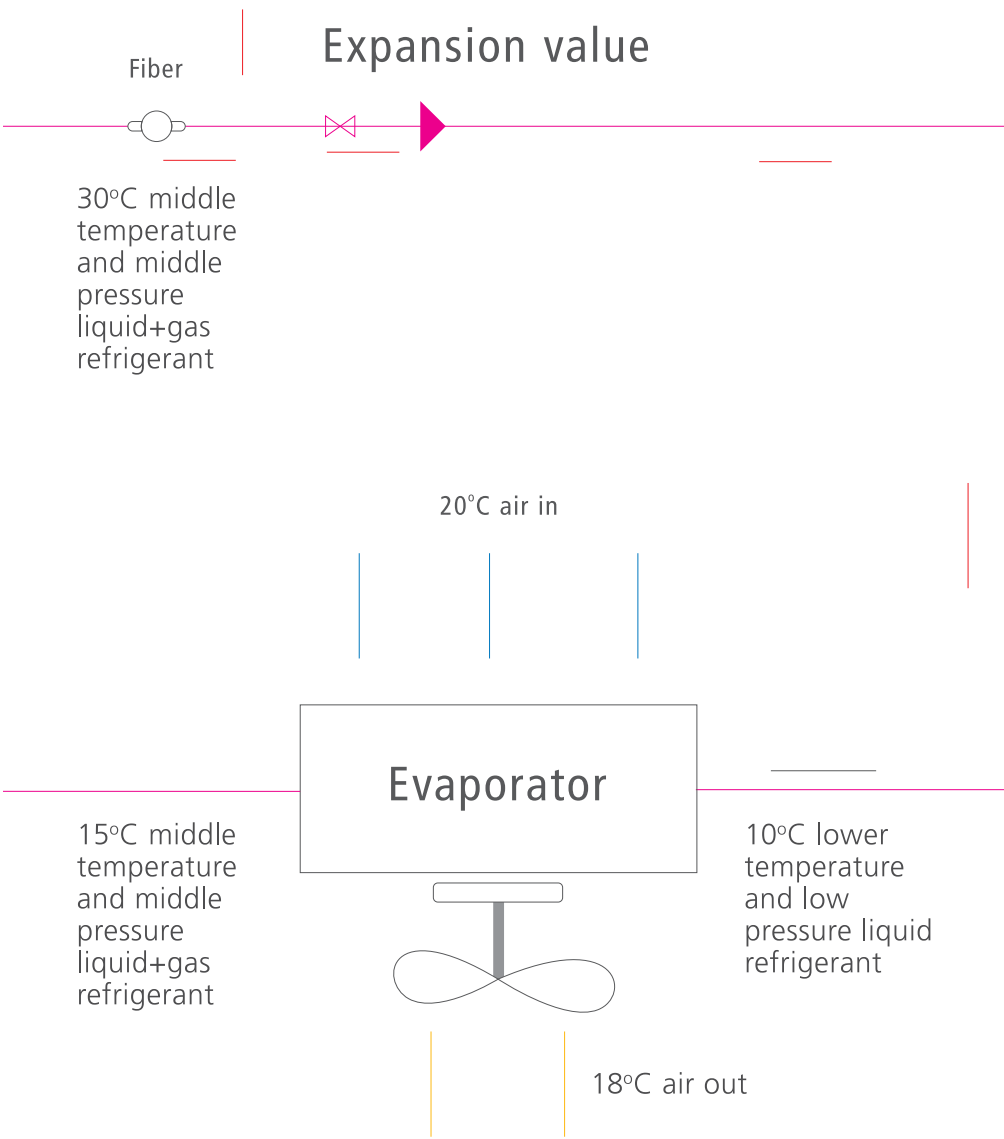
TECHNICAL
Specifications



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	(m³/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.

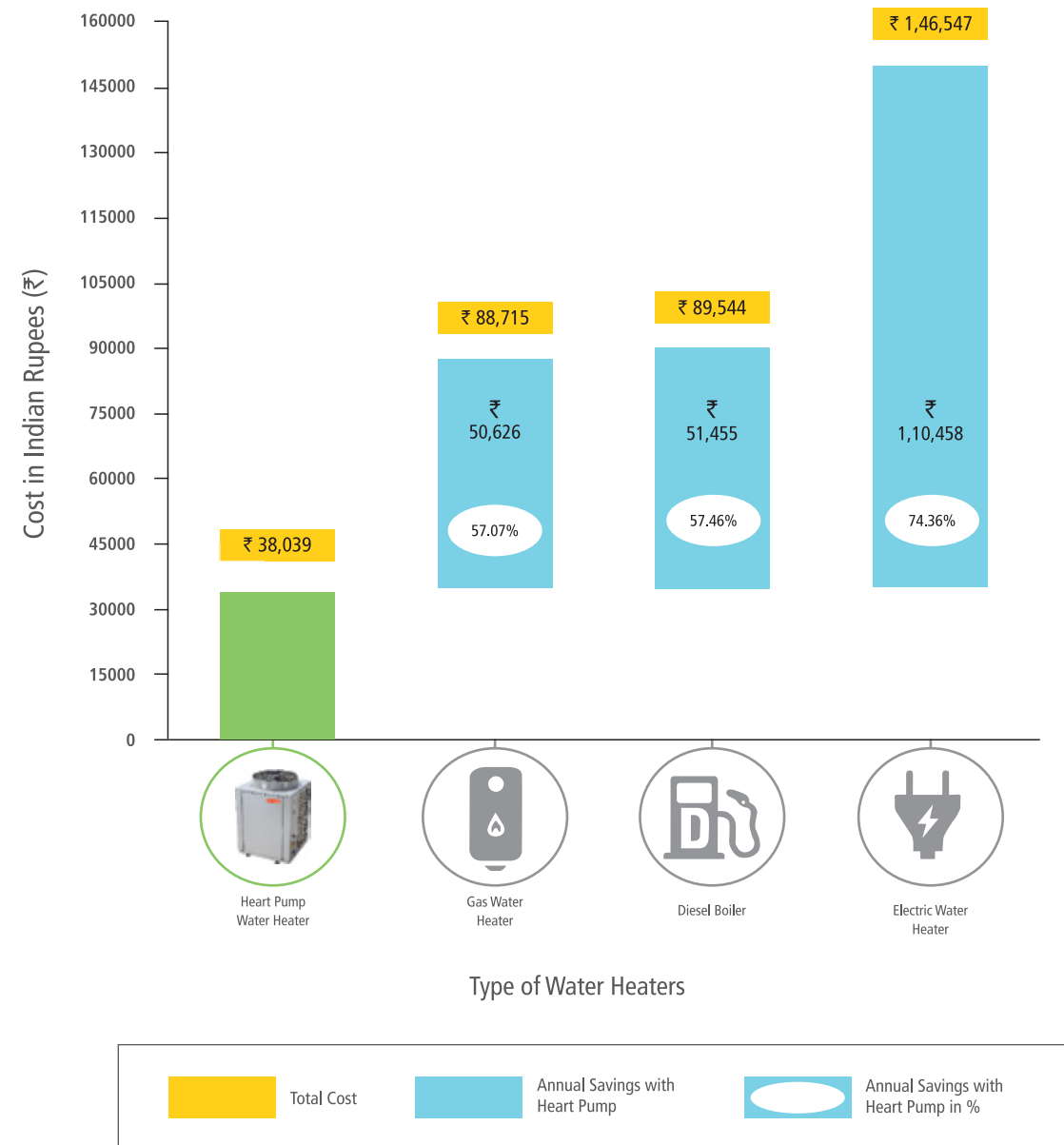


The Racold Commercial Heat Pump Water Heater is a new generation water heater that uses the principle of **“Reverse Carnot Cycle”** to absorb heat from the air to heat water inside the tank. It is a highly efficient, energy-saving and environment friendly technology.

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.

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

