



ODIN PLUS

**Hybrid Heat Pump
Water Heater**

IN EVERYTHING WE DO, WE INTEGRATE

SUSTAINABILITY

Richmond Odin Plus



Working Toward A Greater Degree of Good

Building upon the strong foundation set in 2019, our next generation of sustainability takes the familiarity of the original framework and simplifies it into Products, Process and People.

These pillars provide a north star, helping us focus on innovating products with higher efficiency, manufacturing them in a process that reduces our direct use of resources, and supporting the people that recommend and install in homes and business around the globe.



30%

GHG REDUCTION

Reduce emissions intensity by 30% throughout the entire lifecycle of Rheem products



SUSTAINABLE

PACKAGING

Achieve an average of 90% reusable, recyclable, or compostable packaging OR at least 50% recycled content in product packaging



10%

WASTE REDUCTION

Reduce global waste intensity (ton/unit) by 10%



ZERO

WASTE TO LANDFILL

Maintain zero waste to landfill (ZWTL) at all factories and on-board new acquisitions



1M+

TRAININGS

Complete 1 million trainings for plumbers, contractors, and key influencers globally on sustainable products, refrigerant management and / or sustainable best practices

TECHNICAL SPECIFICATIONS

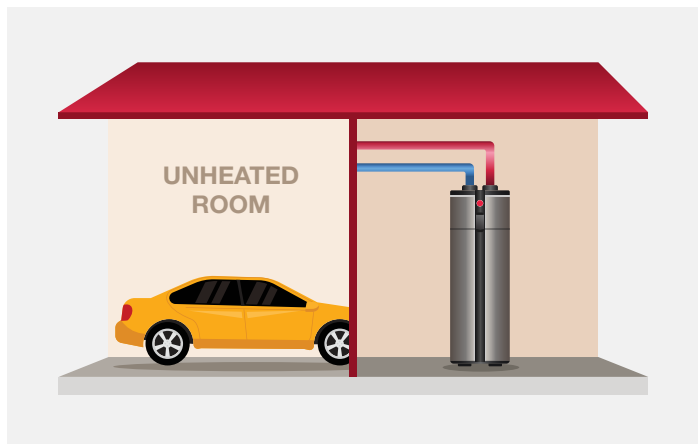
ODIN PLUS

Model		RMAHP-200 -1603-M	RMAHP-200 -1605-M	RMAHP-250 -1603-M	RMAHP-250 -1605-M	RMAHP-300 -1603-M	RMAHP-300 -1605-M
Power Supply		220-240V~,50Hz					
Volume	L	200		250		300	
Heating Capacity*	W	1660					
Rated Power Consumption*	W	430					
Rated COP*	W/W	3.86					
Heat Pump Max Power Input	W	750					
Electric Heater Max Power Input	W	1500	2500	1500	2500	1500	2500
Heat Pump Max Current	A	3.40					
Electric Heater Max Current	A	6.50	11.00	6.50	11.00	6.50	11.00
Refrigerant	Type (GWP)	R290(0.020)					
Charge Columbe	kg	0.185					
Max Working Pressure of Refrigerant	MPa	0.8/3.20					
Tank Max Pressure	KPa	800					
Corrosion Protection		Titanium Electode Anode + Magnesium Anodes					
Sound Power Level**	db(A)	52					
Tank Material		Enamel					
Waterproof Class		IPX1					
Max Water Temperature (without e-heater)	°C	65					
Insulation Thickness	mm	50					
Operating Range	°C	-7~45					
Net Dimensions	mm	592*565*1791		678*651*1740		678*651*1950	
Package Dimensions	mm	630*578*1935		720*720*1885		720*720*2095	
Loading Capacity (20GP/40HQ)	pcs	36/72		24/48		24/48	

* The COP was determined under test conditions with an ambient air temperature of 14°C/13°C (dry bulb/wet bulb) and water heating from 10°C to 55°C.

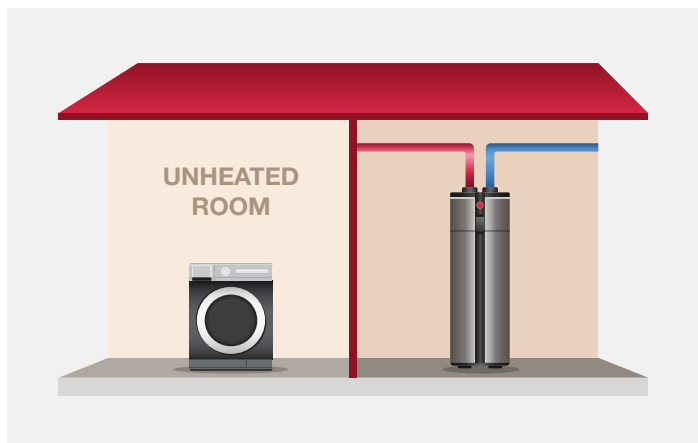
** The Noise level was measured at a distance of 1 meter (from the water heater during a noise test conducted) in accordance with EN12102.

INSTRUCTION



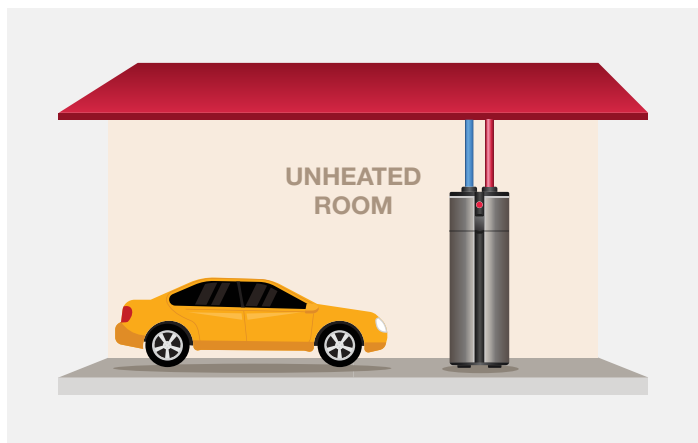
1 Two-Duct Internal Setup

Installation with 2 ducts to an unheated space.



2 Two-Duct Exterior Venting

Installation with 2 ducts venting to the exterior.



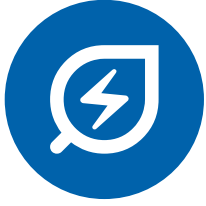
3 Unducted Installation

Installation in an unheated space.



Rheem Smart Connect Mobile App
 Smart Wi-Fi remote control and temperature monitoring through Rheem smart connect mobile app

FEATURES



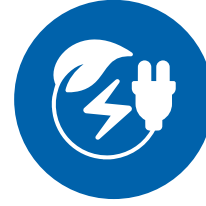
Inverter Technology

Integrated DC inverter compressor and inverter fans for meeting variable demand.



BMS Ready

RS485 communication to connect to BMS.



PV-Ready

Compatible with solar energy systems for savings.



Water-Refrigerant Separated Condenser Coil

High-efficiency heat transfer while ensuring maximum safety.



WiFi Remote Control

Includes a mobile app, enabling you to adjust settings and monitor operational status from anywhere.



Back-up Heating as Standard

Fast Heating for reliable hot water.



65°C High Water Temperature

Heats up to 65°C in heat pump mode.



Titanium Electrode Anode

Enhanced protection against scaling, ensuring reliable performance in harder water conditions.



Enamel Liner Tank

Durable and corrosion-resistant for longer lifespan.



4-inch Full Touch Control Screen

Easy-to-use touch screen for simple operation.



Richmond[®]

The Water Heater Experts[™]



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