

Perfect pool & spa temperature
365 days a year



RHEEM THERMAL

PREMIUM RESIDENTIAL SERIES POOL AND SPA HEAT PUMPS



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RHEEM PREMIUM RESIDENTIAL SERIES

Rheem Thermal's range of heat pumps are designed and built in Australia. Favourites of the Australian industry for 30 years, these technologically advanced units are installed to major aquatic centres and specified where the highest quality of component, design and control is essential. These units can be customised to suit your specific needs.

KEY FEATURES

- 9kw to 30kW output
- Full commercial construction including marine grade aluminium cabinet
- Compressor housed in separate internal cabinet to help minimise noise
- Anti-corrosion treatment of the evaporator coil
- All models available with either horizontal or vertical discharge fans
- Low ambient, low noise, high efficiency design
- Titanium Heat Exchanger
- Best suited to Australian conditions with enhanced evaporator and heat exchanger capacity
- Proudly Manufactured in Australia
- Full manufacturer's warranty and factory/service support nationally



The Rheem commitment to quality and performance

Rheem product carries a unique commitment to quality and performance through R&D. Rheem Thermal is recognised as Australia's benchmark. Its quest to provide the highest efficiency is supported by Rheem's Psychometric Type Test Room, where heat pump design is tested for efficiency, output and robustness to Australian conditions.

The total package of intelligence and efficiency

Your Rheem Thermal pool heat pump now includes the exclusive Rheem IQ® advanced intelligent controller. The heater is intuitive and has the ability to manipulate both its run hours and the pool temperature by time-of-day and day-of-the-week to minimise heating costs, with an inbuilt understanding of the structure of Australian-market electricity pricing. The heat pump is provided ready for plug-and-play connection to the new Rheem IQ® Link DPi digital pump interface, maximising the overall energy efficiency of the total pool heating system, including both the water flow pump and chlorinator.

Advanced diagnostics

Rheem IQ® provides much more than a fully integrated energy efficient approach to heating of your pool or spa. Rheem IQ® aids the perfect set-up of your heater by displaying both the entering and leaving water temperatures. It provides self-diagnostic control, monitoring performance and safety. The on-board service module provides a log of operation and fault history to aid quick service diagnosis.

Premium Residential Pool and Spa Heat Pumps

Model	Electrical	Heating Capacity kW	Power Input kW	COP	FLA (Full Load Amps)	Rated Load Amps @ 10°C SST & 45°C SCT	Min. CB Size (Amps)	Water Flow L/S	Design TD	Design Pressure Drop	Water Connection Size (mm)	Weight (kg)	Dimensions (mm) Length x Width x Height (Vertical fan discharge models)
RTHP009-1	1 Ph/240V/50Hz	8.4	1.5	5.5	8.5	6.6	10	1.7	1.2	15	40	80	1007 x 590 x 744
RTHP012-1	1 Ph/240V/50Hz	12.1	2.2	5.5	13.2	9.4	15	1.7	1.7	15	40	85	1007 x 590 x 744
RTHP017-1	1 Ph/240V/50Hz	17.4	3.2	5.4	21.3	16.0	25	2.8	1.5	20	40	90	1007 x 650 x 836
RTHP020-1	1 Ph/240V/50Hz	21.6	4.3	5.1	25.5	18.0	32	2.8	1.9	20	40	100	1007 x 650 x 1090
RTHP020-3	3 Ph/415V/50Hz	21.6	4.3	5.1	12.1	7.4	20	2.8	1.9	20	40	100	1007 x 650 x 1090
RTHP024-1	1 Ph/240V/50Hz	24.5	4.5	5.4	27.2	18.6	40	2.8	2.1	40	40	110	1150 x 565 x 980
RTHP024-3	3 Ph/415V/50Hz	24.9	4.4	5.7	11.9	8.8	20	2.8	2.1	40	40	110	1150 x 565 x 980
RTHP026-1	1 Ph/240V/50Hz	25.5	4.6	5.6	27.3	18.6	40	2.8	2.2	40	40	145	1487 x 615 x 990
RTHP026-3	3 Ph/415V/50Hz	25.8	4.4	5.9	13.4	8.8	20	2.8	2.2	40	40	145	1487 x 615 x 990
RTHP030-3	3 Ph/415V/50Hz	28.2	5.0	5.6	15.6	10.8	20	2.8	2.4	40	40	155	1487 x 615 x 990

Note: All Premium Residential Series Models are available with either horizontal or vertical fan design. Dimensions shown are for vertical type only. Dimensions are different between H and V types and physical sizing by model should be confirmed from the full unit specification.

Heat pump input and output varies with ambient (air-on) conditions. The nominal heating capacity shown above is the nominal summer performance, being at an air-on temperature of 27°CDB, 22°CWB (ambient air temperature), at 50% RH, with an entering water temperature of 27°C.

Rheem Thermal is continually seeking to improve the performance of its heating product. Product specification information provided above is correct at the date of publication, this data may change without notice. Product data should be verified at the time of order.

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