

Perfect pool & spa temperature
365 days a year



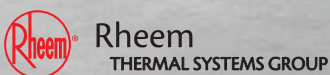
RHEEM THERMAL

PREMIUM COMMERCIAL SERIES POOL CHILLERS



RHEEM THERMAL SYSTEMS GROUP

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RHEEM THERMAL POOL CHILLER COMMERCIAL SERIES

Rheem Thermal have a long history of market leadership and manufacture in water heating and cooling. We have been the leading water heating using heat pump, gas technology and cooling using chiller. With such a depth of experience and products, we are well-placed to help any client meet their pool heating and cooling needs with sustainable, energy efficient solutions for your swimming pool.

We work across the entire scope of pool heating and pool cooling – from Olympic-sized for top athletes to backyard swimming pools that can provide entertainment and add value for families. Favourites of the Australian industry for 30 years, these technologically advanced units are installed to many major aquatic centres, leisure parks, commercial swimming pools, spa pools, residential pools, etc. 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

- Cooling capacity: 6kW to 52kW output
- Full commercial construction including marine grade aluminium case
- Acoustically - lined compressor enclosure to reduce noise and improve serviceability
- Exclusive Rheem Cote anti corrosion treatment of the condenser
- Titanium heat exchanger providing protection against water chemistry imbalance
- Significantly larger condenser area giving stronger cooling performance at high ambient temperature
- Compressor staging ability to minimise demand
- Pressure transducers provide full refrigeration data to aid service
- Removable coil guards for easy cleaning
- Exclusive Rheem IQ® advanced tariff control to minimise cooling costs
- Full connectivity with BMS and CBus for remote monitoring
- Advanced service module with full onboard diagnostics
- Proudly designed and manufactured in Australia for Australian conditions
- Full manufacturer's warranty and factory/service support



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 and chiller design is tested for efficiency, output and robustness to Australian conditions.

The total package of intelligence and efficiency

Your Rheem Thermal pool heat pump and chiller now includes the exclusive Rheem IQ® advanced intelligent controller. The interface 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 pool, including both the water flow pump and chlorinator.

Advanced diagnostics

Rheem IQ® provides much more than a fully integrated energy efficient approach to heating and cooling of your pool or spa. Rheem IQ® aids the perfect set-up of your heater and chiller 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.

Technical Data of Pool and Spa Water Chiller - Horizontal Fan

Model	Electrical Power Supply	Cooling Capacity kW	Power Input kW	COP	FLA	Rated Load (Amps)	Min. CB Size (Amps)	Water Flow (* L/S)	Design TD (*)	Design Pressure Drop (kPa)	Water Connection Size (mm)	Weight (*) (kg)	Dimensions Length x Width x Height (mm)
RTCH006TA-JQH/L-1	1 Ph/240V/50Hz	6.01	1.62	3.70	10.6	7.6	15	1.7/2.8	0.9/0.5	15	40	80/90	1007 x 590 x 717
RTCH007TA-JQH/L-1	1 Ph/240V/50Hz	7.32	2.07	3.54	15.2	10.2	20	1.7/2.8	1.1/0.6	25	40	85/95	1007 x 590 x 717
RTCH012TA-JQH/L-1	1 Ph/240V/50Hz	12.11	3.14	3.85	22.1	14.7	32	2.8/3.5	1.0/0.8	20	40	90/100	1007 x 650 x 1061
RTCH015TA-JQH/L-1	1 Ph/240V/50Hz	14.63	4.10	3.56	28.1	19.1	40	2.8/3.5	1.3/1.0	20	40	100/110	1007 x 650 x 1061
RTCH022TK-DQH-1	3 Ph/415V/50Hz	21.88	4.98	4.39	14.9	10.4	25	2.8/5.6	1.9/0.9	20	40/80	100	1007 x 650 x 1090
RTCH030TK-DQH-1	3 Ph/415V/50Hz	29.95	6.67	4.49	19.0	13.2	25	3.5/7.0	2.0/1.0	25	40/80	220	1810 x 834 x 965

Notes:

-(*) : The specification for standard model and low temperature model.

-Cooling capacity at the following conditions: Air: 27°C D.B / 22°C W.B; Water inlet temperature: 27°C; 80% RH

-For more detailed specifications, please refer to the product data sheet.

Pool Chillers Capacity and Features can be customize according to customer requirement (subject to factory review). Please refer to the nomenclature in the technical booklet for customization details.

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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Call us today for technical sales advice and the location of your nearest distributor, or visit www.rheemthermal.com.au



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