

Perfect pool & spa temperature
365 days a year



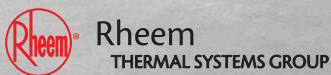
RHEEM THERMAL

PREMIUM COMMERCIAL SERIES POOL HEAT PUMPS



RHEEM THERMAL SYSTEMS GROUP

INSTALL A



rheemthermal.com.au

RHEEM THERMAL PREMIUM COMMERCIAL 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

- 38kW to 540kW 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 evaporator
- Titanium heat exchanger providing protection against water chemistry imbalance
- Significantly larger evaporator area giving stronger heating performance at low ambient
- 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 heating 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 nationally
- Dedicated national technical phone 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 Psychrometric Test Laboratory, where heat pump design is tested for efficiency, output and robustness to Australian conditions.

The total package of intelligence and efficiency

Rheem Thermal pool heat pumps include 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 tariff pricing.

Advanced diagnostics

Rheem IQ[®] provides much more than a fully integrated energy efficient approach. 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 Commercial Pool Heat Pumps

| Model | Nominal Heating Capacity 1 kW | Nominal Heating Capacity 2 kW | COP | No. of Comp. | Rated Load Amps | Min. CB Size Amps | Water Flow L/S | PD kPa | Water Connection Size (mm) | Weight (kg) | Dimensions (mm) Length x Width x Height |
|-----------|-------------------------------|-------------------------------|-----|--------------|-----------------|-------------------|----------------|--------|----------------------------|-------------|---|
| RTHP041-3 | 38.3 | 29.9 | 5.7 | 1 | 14 | 25 | 3.5 | 25 | 40 | 196 | 1810 x 807 x 994 |
| RTHP052-3 | 51.3 | 40.0 | 5.5 | 1 | 17 | 32 | 3.5 | 25 | 40 | 270 | 1860 x 807 x 1355 |
| RTHP066-3 | 66.3 | 51.6 | 5.4 | 1 | 26 | 40 | 3.5 | 25 | 40 | 300 | 1860 x 807 x 1355 |
| RTHP087-3 | 87.5 | 68.3 | 5.3 | 1 | 29 | 50 | 5.3 | 40 | 80 | 500 | 2180 x 1134 x 1205 |
| RTHP102-3 | 102.5 | 80.0 | 5.7 | 2 | 33 | 63 | 7.0 | 40 | 80 | 600 | 2180 x 1134 x 1373 |
| RTHP132-3 | 132.5 | 103.1 | 5.6 | 2 | 50 | 80 | 7.0 | 40 | 80 | 650 | 2180 x 1134 x 1373 |
| RTHP175-3 | 175.0 | 136.6 | 5.3 | 2 | 58 | 100 | 10.5 | 40 | 80 | 1180 | 2217 x 1967 x 2282 |
| RTHP199-3 | 198.8 | 155.1 | 5.4 | 3 | 78 | 120 | 10.5 | 40 | 80 | 1350 | 3463 x 1963 x 2288 |
| RTHP265-3 | 265.0 | 206.2 | 5.4 | 4 | 104 | 175 | 14.0 | 40 | 100 | 1900 | 3463 x 1963 x 2288 |
| RTHP350-3 | 350.0 | 273.1 | 5.4 | 4 | 116 | 200 | 21.0 | 40 | 100 | 2200 | 3463 x 1963 x 2348 |
| RTHP440-3 | 441.0 | 341.0 | 5.5 | 4 | 144 | 250 | 28.0 | 60 | 150 | 2400 | 4500 x 2262 x 2605 |
| RTHP540-3 | 540.3 | 416.6 | 5.6 | 4 | 174 | 300 | 28.0 | 60 | 150 | 2500 | 4500 x 2262 x 2605 |

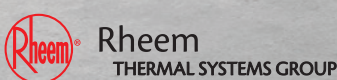
Note: Nominal Heating Capacity 1 reflects the summer performance being at an air-on temperature of 27°CDB at 50% RH. Nominal Heating Capacity 2 is the winter performance, being at 10°CDB at 50% RH. Both values are at an entering water temperature of 27°C.

Dimensions shown are for vertical fan type only. Horizontal fan type is available for models RTHP041, RTHP052 & RTHP066. Dimensions are different between H and V types and physical sizing by model should be confirmed from the full unit specification.

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

Rheem Pool Heating Advisory 1300 132 950

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