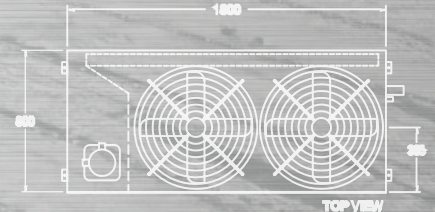
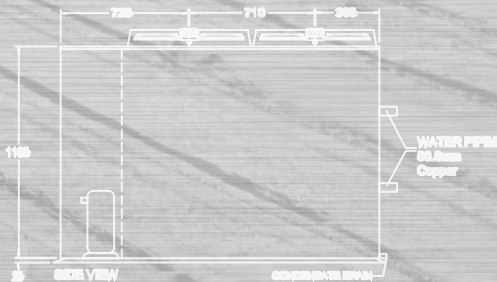
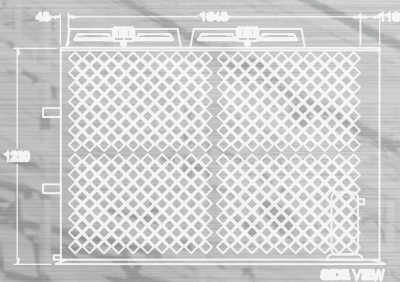


Perfect pool & spa temperature
365 days a year



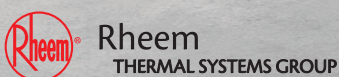
RHEEM THERMAL

**PREMIUM HEAT PUMPS FOR CHILLING
ELITE SPORTS PLUNGE AND RESORT POOLS**



RHEEM THERMAL SYSTEMS GROUP

INSTALL A



rheemthermal.com.au

PREMIUM HEAT PUMPS FOR CHILLING ELITE SPORTS PLUNGE AND RESORT POOLS

The choice of champions

Rheem is the most trusted source of water heating and chilling for Australia's elite athletes and high-level commercial sports with its technologies involved in hot and cold recovery pools and baths for virtually every landmark training venue or sporting arena. Our installation list covers a who's who of Australian sport and covers iconic stadiums such as the Sydney Cricket Ground, Ballymore Stadium, Blundstone Arena and the redeveloped Adelaide Oval to Olympic-focused facilities such as the Australian Institute of Sport.

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



Capability

Accent technology provides a capability to heat or chill from 6°C to 40°C. The range is available in both air-to-water and water-to-water design and for direct or indirect connection. Air-to-water type is suitable for most locations, with an ambient temperature operating range between 0°C to 40°C. The use of water-to-water design covers all operating conditions and allows the simultaneous heating of a hot pool as a by-product of the chilling of the cold pool, all from a single unit. The Accent unit may be designed for heating only, reverse cycle heating and cooling or as chilling only. The Raypak gas heater provides a robust high capacity option for rapid temperature boosting or hot pool heating.

Efficiency

Benchmark efficiency levels are maintained by the specialist design of the units supplied for elite sport heating and cooling, with the units featuring increased heat exchanger capacity, enlarged evaporators and specialist control.

Range

While the formal range of heat pumps and chillers extends to 60kW heating and 50kW chilling, Rheem has the capability to custom-design and build larger systems. Likewise, while our Raypak gas plant used in the elite sports heating would typically be in the range of 62kW to 94kW, higher capacity options are also available. Technical data for a cross-section of the range is given on the following page. Contact would be welcomed on other capacity and design configuration options.

Breadth of use

Rheem chillers and heater options for ice baths and hot recovery pools are not limited to elite sports and their use extends to resorts, health clubs and homes.

Extra Features

Full commercial construction with marine grade aluminium case and Rheem Cote® anti-corrosion treatment of the evaporator. Titanium heat exchangers. Digital controls and upgradable to Rheem IQ® including BMS connectivity. Possible inclusion of remote condenser to plunge-pool design. Possible manufacture in split design where ventilation is an issue. Gas plant available as direct or indirect connection.

Elite Sports - Reverse Cycle Heat/Cool														
Model	Total heat rejection kW	Power	COP	FLA (Full Load Amps)	RLA (Rated Load Amps)	Flowrate (L/S)	Min CB size	Total Cooling kW	Power	COP	RLA (Rated Load Amps)	Flowrate (L/S)	Weight (kg)	Dimensions (mm) Length x Width x Height
RTCH25-3HC	24.3	4.3	5.7	12.5	8.7	2.8	20	14.7	3.8	3.9	8.0	2.8	100	1150 x 565 x 980
RTCH38-3HC	38.3	6.7	5.7	19.0	14.4	2.8	20	25.2	6.0	4.17	13.7	2.8	170	1750 x 800 x 825
RTHC51-3HC	51.3	9.4	5.5	24.2	17.4	2.8	40	33.7	8.4	4	16.2	2.8	230	1750 x 800 x 1015
RTHC66-3HC	66.3	12.4	5.4	33.6	25.9	2.8	40	43.0	11.1	3.89	24.6	2.8	300	1750 x 800 x 1215

Design conditions: Ambient 27°C DB 60% RH, Heating 27°C EWT 10°C SST & 45°C SCT, Cooling 10°C EWT 2°C SST & 40°C SCT Power supply 380 -415V / 50 Hz / 3 phase

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

email: info@rheemthermal.com.au