



# INTR<sup>o</sup>DUCING

RHEEM'S COMMERCIAL HEAT PUMP SERIES



**WATER TO WATER HEAT PUMP**  
71 KW to 213 KW



**AIR TO WATER HEAT PUMP**  
70 KW to 243 KW

**AIR TO WATER & WATER TO WATER**



## RHEEM THERMAL - COMMERCIAL HEAT PUMP 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

- 24kW to 540kW Heating Output
- 6kW to 68kW Chilling Output
- Full commercial construction including marine grade aluminium case
- Acoustically - lined compressor enclosure to reduce noise and improve serviceability
- Exclusive Rheem anti corrosion treatment on 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
- Scroll Compressor for high ambient operation
- Removable coil guards for easy cleaning
- Exclusive Rheem IQ® advanced control for energy saving
- Full connectivity with BMS and CBus for remote monitoring
- Advanced service module with full onboard diagnostics
- Proudly designed and manufactured in Australia for Middle eastern conditions
- Tested at 52°C
- Stucco Aluminium finish
- Universal flange connections



### The Rheem Commitment To Quality And Performance

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

### The Total Package Of Intelligence And Efficiency

Rheem commercial heat pump series includes the exclusive Rheem IQ® advanced intelligent controller. The heater is intuitive and has the ability to manipulate its run hours by time-of-day and day-of-the-week to improve energy saving.

### 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.

#### AIR-TO-WATER STANDARD MODELS FOR 50HZ MARKET

Air to Water Heat Pump	Heating Capacity (KW)	Power Input (KW)	Max Outlet Water Temperature(°C)	Dimensions (mm) Length x Width x Height
RTHW070DV-DQV-1	70.8	14	65°C / 70°C*	2180 x 1002 x 1375
RTHW096DV-DQV-1	94.9	19.34	65°C / 70°C*	2180 x 1134 x 1438
RTHW124DV-DQV-1	121.8	24.7	65°C / 70°C*	2380x 1134 x 1476
RTHW153DV-DQV-1	151.4	30.76	65°C / 70°C*	2540 x 1258 x 1933
RTHW186DV-DQV-1	182.8	34.7	65°C / 70°C*	3463 x 1963 x 2348
RTHW248DV-DQV-1	243.7	51.07	65°C / 70°C*	3595 x 1963 x 2288

#### WATER-TO-WATER STANDARD MODELS FOR 50HZ MARKET

Water to Water Heat Pump	Heating Capacity (KW)	Power Input (KW)	Max Outlet Water Temperature(°C)	Dimensions (mm) Length x Width x Height
RTWW071SDS-DQ-1	71.1	14.2	70°C	2120 x 805 x 1000
RTWW088SDS-DQ-1	87.8	17.3	70°C	2120 x 805 x 1000
RTWW116SDS-DQ-1	114.5	23.03	70°C	2370 x 1150 x 1000
RTWW142SDS-DQ-1	142.3	28.37	70°C	2370 x 1150 x 1000
RTWW176SDS-DQ-1	175.6	34.6	70°C	2370 x 1150 x 1000
RTWW213SDS-DQ-1	213.46	42.56	70°C	2586 x 2240 x 1270

Learn more at [Rheem-MEA.com](http://Rheem-MEA.com)

