



PERFECT POOL & SPA
TEMPERATURES
365
DAYS A YEAR

COMPACT RESIDENTIAL SERIES
POOL AND SPA HEAT PUMPS



RHEEMTHERMAL.COM.AU



COMPACT SIZE, BIG ON FEATURES

PEACE OF MIND

- Durable ABS and Aluminium alloy casing for protection against the elements
- Independently certified in Australia to comply with Australian Electrical Safety Standards AS/NZS60335-1 and AS/NZS60335-2-40

TAKE CONTROL, POOLSIDE OR REMOTELY

- Easy-use LCD touchscreen with lock function
- WiFi enabled via a 3rd party App for ease of control
- High temperature settings for Spa applications
- Ready integration with branded pool automation systems

FLEXIBILITY THAT'S BUILT IN

- Easy connection to the Rheem DPi Link for automated pump control
- Heavy duty weather cover keeps your unit clean and debris-free when not in use
- Single point condensate drain with factory supplied drain kit

ADVANCED TECHNOLOGY

- Twin rotary stepless DC inverter compressor ensures optimal efficiency and control
- Environmentally sensitive, low global warming impact R32 refrigerant
- Highly advanced internal EC fan delivers ideal sound performance and safety
- Electronic Expansion Valve (EEV) for increased temperature stability
- Twisted titanium heat exchanger for more effective heat transfer
- Advanced logic reverse cycle defrosting

The Rheem commitment to quality and performance

Every Rheem product in our range carries a unique commitment to quality and performance through research, extensive development and thorough quality control testing.

NOT ALL WARRANTIES ARE CREATED EQUAL*

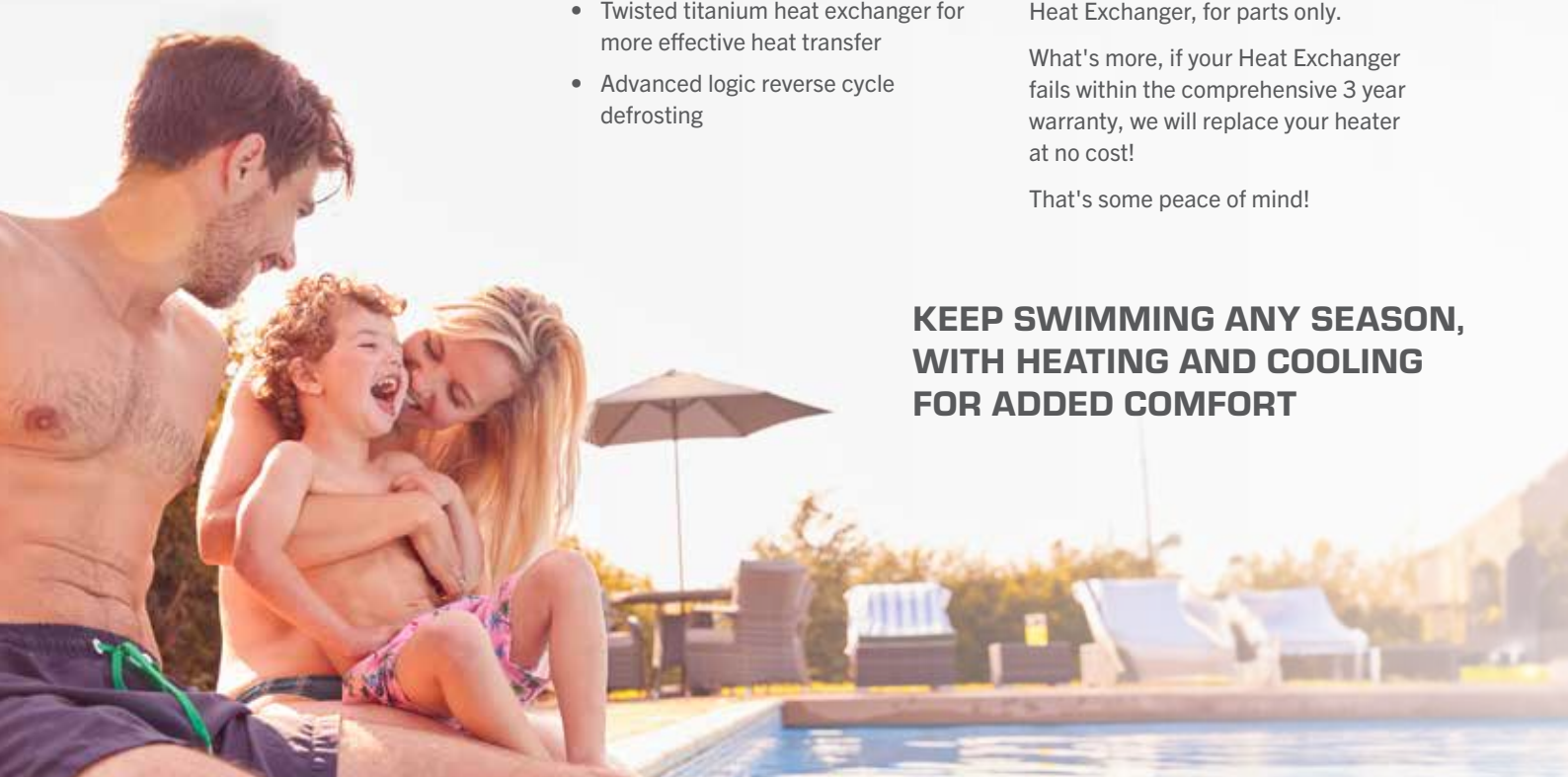
Rheem Thermal helps you enjoy comfortable pool temperatures year-round with the confidence to know we've got you covered if you need us.

The Compact Series is backed by our National Service network, supporting a market leading 3 year parts and labour warranty, which extends to 10 Years on the Compressor and 25 Years on the Heat Exchanger, for parts only.

What's more, if your Heat Exchanger fails within the comprehensive 3 year warranty, we will replace your heater at no cost!

That's some peace of mind!

**KEEP SWIMMING ANY SEASON,
WITH HEATING AND COOLING
FOR ADDED COMFORT**



**COMPACT RESIDENTIAL SERIES
POOL AND SPA HEAT PUMPS**

WiFi ENABLED
Connect via WiFi to a third party App for ease of control



TAILORED FOR TIGHT SPACES
Allowing for maximum performance from a minimal footprint



INVERTER COMPRESSORS
Delivering efficiency



LOW NOISE PERFORMANCE
EC fan motor technology and anti-vibration foot pads



COMPACT RESIDENTIAL SERIES POOL AND SPA HEAT PUMPS

RHEEM THERMAL COMPACT RESIDENTIAL SERIES						
MODEL	RPH009-1A	RPH013-1A	RPH016-1A	RPH021-1A	RPH028-1A	RPH028-3A
HEATING PERFORMANCE CONDITION: Air 27°C/ Water 27°C/ Humid. 80%						
Heating Capacity (kW)	8.6	13	15.5	21	27.8	27.8
COP Range	14-6.5	14-6.4	15-6.5	15-6.5	15.8-7.2	15.6-7.1
Average COP at 50% Speed	9.0	9.5	9.6	9.3	11.0	10.7
HEATING PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 70%						
Heating Capacity (kW)	6.4	9.0	10.9	14.5	18.8	18.8
COP Range	6.8-4.5	7-4.4	7-4.5	7-4.6	7.8-4.9	7.8-4.9
Average COP at 50% Speed	6.2	6.3	6.3	6.2	6.5	6.4
COOLING PERFORMANCE CONDITION: Air 35°C/ Water 28°C/ Humid. 80%						
Cooling Capacity (kW)	4.4	5.9	7.8	9.9	11.7	11.7
TECHNICAL SPECIFICATIONS						
Advised pool volume (m ³) ¹	20-50	30-60	40-75	50-90	60-120	60-120
Operating air temperature (°C)	-5-43			-10-43		
Power supply	240V 1Ph				415V 3Ph	
Rated input power (kW)	0.21-1.42	0.31-2.10	0.37-2.42	0.47-3.20	0.50-3.84	0.50-3.84
Rated input current (A)	0.93-6.20	1.34-8.90	1.60-10.60	2.06-13.70	2.17-16.70	0.72-5.56
Recommended circuit breaker size (A)	10	16	20	25	25	10
Sound level at 10m dB (A)	19.0-28.4	22.2-30.8	21.2-34.4	23.4-34.1	21.5-32.9	21.5-32.9
Sound level at 50% speed 1m dB (A)	41.6	45.8	45.9	46.8	46.4	47.0
Protection Level	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Refrigerant R32 charge (kgs)	0.5	0.75	0.8	1.0	2.0	2.0
Operating pressure (discharge/suction)	4.1/0.15Mpa	4.1/0.15Mpa	4.1/0.15Mpa	4.1/0.15Mpa	4.1/0.15Mpa	4.1/0.15Mpa
Advised water flow (L/sec)	0.5-1.2	1.2-1.7	1.7-2.3	2.0-2.8	2.8-3.4	2.8-3.4
Water connections (mm)	50	50	50	50	50	50
Max allowable water pressure (kPa)	300	300	300	300	300	300
Dimensions L / W / H (mm)	890 / 430 / 657	890 / 430 / 657	890 / 430 / 657	1060 / 430 / 657	1060 / 430 / 957	1060 / 430 / 957
Net weight (kgs)	58	61	64	70	94	99
Gross weight packaged (kgs)	67	70	72	80	103	108

Please note: These heat pumps RPH009-1A, RPH013-1A, RPH016-1A, RPH021-1A are able to perform as normal within air temp -5°C to +43°C, and RPH028-1A, RPH028-3A are able to perform as normal within air temp -10°C to +43°C. Efficiency will not be guaranteed outside of this range. Please take into consideration that the pool heat pump performance and parameters are different under various conditions. Related parameters are subject to adjustment periodically for technical improvement without further notice.

¹Advised pool volumes are given as a guide only with model selection varying with many factors including geographic location, sun and wind exposure, desired temperature and season. For confirmation of all detail and/or specific advice, please contact Rheem Pool Heating Advisory or your nearest distributor.

Call us today for technical sales advice.



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 sales@aquachem.com.au

For details on our range visit
www.aquachem.com.au

*For full warranty details, see the User Manual available at www.rheemthermal.com.au. Rheem's warranty is in addition to the consumer guarantees provided under Australian Consumer Law.

RHEEM THERMAL SYSTEMS GROUP