

# theratherm

INVERTER SERIES

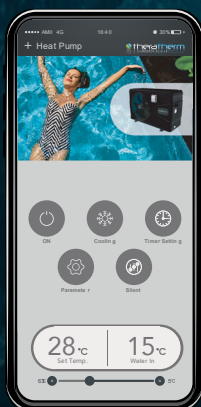
## HEAT PUMPS



### FEATURES THERATHERM APP

Monitor and control your pools heating from your phone.

- Leading Inverter Technology
- Control and monitor with your smart phone
- Huge reductions in energy consumption
- Maintains your pool heating all year round
- Ideal Solar Heating replacement
- Portable digital control panel
- Compact design
- Easy to install
- Whisper quiet



Available on the iPhone  
**App Store**

**Google Play**



A DIVISION OF



**theralux**<sup>TM</sup>  
ADVANCED MINERAL POOL SYSTEM



# THERATHERM INVERTER HEAT PUMPS

The Theratherm Inverter Series of Heat Pumps are Australia's favourite heating system, featuring leading inverter technology and control via an easy to use app (Android and iOS).

Whilst you harness the warmth of nature, the Theratherm Inverter Technology will provide you with significant energy savings. Using a revolutionary variable speed compressor, the Theratherm adjusts and decreases its power consumption as you approach your desired temperature. The result is energy savings of 15% - 30%, set temperatures reached & maintained efficiently and whisper quiet operation.

The Theratherm Inverter Series of Heat Pumps are all WiFi enabled, allowing you to monitor and control your pools heating from your smart phone or tablet. They also feature a detachable LCD control panel that can be mounted externally.

Theratherm Heat Pumps are just as compact as they are convenient. Featuring an innovative horizontal design and corrosion resistant ABS housing, Theratherm takes up much less space than traditional pumps.

Designed in Australia for Australian conditions, The Theratherm Inverter Series of Heat Pumps come in a range of sizes to suit a variety of swimming pool volumes.

Model	Theratherm Inverter 9.0kw	Theratherm Inverter 14kw	Theratherm Inverter 20kw	Theratherm Inverter 25kw
* PERFORMANCE AT AIR 27 , WATER 27 , HUMIDITY 80%				
Heating capacity (kW)	9-2.3	14-3.2	19-4.7	24-5.9
Power consumption (kW)	1.55-0.18	2.26-0.25	3.17-0.36	4-0.45
COP	13-5.8	13-6.2	13-6	13-6
* PERFORMANCE AT AIR 15 , WATER 26 , HUMIDITY 70%				
Heating capacity (kW)	6.6-1.9	9.5-2.2	14-3.9	17.2-4.5
Power consumption (kW)	1.43-0.27	2.07-0.31	2.78-0.54	3.74-0.63
C.O.P.	7.1-4.6	7.2-4.6	7.2-4.6	7.2-4.6
* PERFORMANCE AT AIR 5 , WATER 26 , HUMIDITY 70%				
Heating capacity (kW)	5.0-2.6	7.9-3.3	10-5.3	13.5-7.4
Power consumption (kW)	1.52-0.53	2.39-0.67	2.94-1.1	3.97-1.51
C.O.P.	4.9-3.3	4.9-3.3	4.8-3.4	4.9-3.4
* PERFORMANCE AT AIR 0 , WATER 26 , HUMIDITY 78%				
Heating capacity (kW)	4.5-2.3	6.3-3.0	8.2-4.8	11-6.7
Power consumption (kW)	1.61-0.51	2.25-0.67	2.93-1.07	3.93-1.49
C.O.P.	4.5-2.8	4.5-2.8	4.5-2.8	4.5-2.8
* GENERAL DATA				
Voltage	220~240V/ 50Hz/ 1PH			
Rated current (A)	6.9	10	14	17.7
Minimum fuse (A)	10	15	25	32
Optimum water flow (lpm)	47 lpm	67 lpm	83 lpm	133 lpm
Water pressure drop (Kpa)	12	15	18	20
Heat exchanger	Twist-titanium tube in PVC			
Water connection (mm)	50			
Ventilation type	Horizontal			
Fan speed (RPM)	550-850	550-850	450-650	450-650
Noise level (1m) (dB(A)	40-52	40-54	41-56	42-58
Refrigerant	R410A			
* DIMENSION/ WEIGHT				
Net weight (kg)	56	73	98	117
Gross weight (kg)	68	78	113	135
Net dimension (mm)	1088L x 380D x 577H	1050L x 440D x 709H	1050L x 450D x 870H	1050L x 450D x 870H

Available from:

Contact your local IQ Distributor:

1300 131 788

[sales@interquad.com.au](mailto:sales@interquad.com.au)

[www.thermalux.com.au](http://www.thermalux.com.au)

**Warranty:**

7 years on compressor

7 years on titanium heat exchanger

2 years on all other parts