

# theratherm

INVERTER SERIES

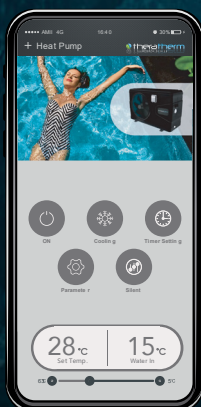
## HEAT PUMPS



### 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.

Theratherm Heat Pumps are just as compact as they are convenient. Featuring an innovative vertical design and corrosion resistant Aluminium 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   | 17kw Inverter Vertical     | 30kw Inverter Vertical |
|---|----------------------------|------------------------|
| * PERFORMANCE AT AIR 28 , WATER 28 , HUMIDITY 80% |                            |                        |
| Heating capacity (kw)                             | 17.1-3.7                   | 30-6.7                 |
| Power consumption (kw)                            | 2.76-0.23                  | 4.91-0.42              |
| C.O.P.  | 16-6.2                     | 16-6.1                 |
| * PERFORMANCE AT AIR 15 , WATER 26 , HUMIDITY 70% |                            |                        |
| Heating capacity (kw)                             | 12-3.2                     | 23.5-5.5               |
| Power consumption (kw)                            | 2.55-0.4                   | 5.0-0.69               |
| C.O.P.  | 8-4.7                      | 8-4.7                  |
| * GENERAL DATA                                    |                            |                        |
| Compressor type                                   | Inverter Compressor        |                        |
| Voltage   | 240v Single Phase          |                        |
| Rated current (A)                                 | 11.5                       | 22.3                   |
| Minimum fuse (A)                                  | 16                         | 34                     |
| Advised water (lpm)                               | 78.0                       | 171.0                  |
| Water pressure drop (kpa)                         | 15                         | 18                     |
| Heat exchanger                                    | Twist-titanium tube in PVC |                        |
| Water connection (mm)                             | 40                         |                        |
| Ventilation type                                  | Vertical                   |                        |
| Fan speed (RPM)                                   | 550-850                    | 550-850                |
| Noise level(10m) (dB(A))                          | 30                         | 33                     |
| Noise level(1m) (dB(A))                           | 34-51                      | 36-56                  |
| * DIMENSION / WEIGHT                              |                            |                        |
| Net weight (kg)                                   | 98                         | 130                    |
| Gross weight (kg)                                 | 113                        | 148                    |
| Net dimension (mm)                                | 610L x 610D x 940H         | 710L x 710D x 1100H    |

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