

# Tariff Intelligent Controller Guide

## Premium & Commercial - Heat Pumps



Exclusive in-built tariff intelligence  
reduces your heating cost



Perfect pool & spa temperature just got a lot smarter

for perfect pool & spa temperature  
365 days a year

# Rheem's new tariff optimising intelligent control

For Premium and Commercial Heat Pumps

At Rheem Pool Heating, we thrive on our reputation of providing the highest quality of product and advice when it comes to pool and spa heating solutions. We are committed to innovation.

In choosing a Rheem or Accent heat pump, you can be sure of our commitment to two critical things when it comes to the efficiency of your pool heating.

## Our commitment to design and efficiency

Rheem and Accent heat pumps are designed for maximum heat transfer and efficiency. Our high efficiency is supported by Rheem Australia's Psychrometric Type Test Room, where our heat pump design is constantly tested for efficiency, output and robustness. Our new Rheem USA heat pumps meet or exceed the Florida minimum COP of 4.0 at 10°C.

## Our commitment to advanced control to save you heating cost

Importantly and exclusively, your Accent heat pump now comes with in-built tariff intelligence.

The new central controller to Rheem's range of Accent heat pumps has been developed specifically to optimise the run-profile relative to electricity pricing and in turn, to achieve the lowest practicable heating cost. In the programming of the controller, we have evaluated every electricity price option. The controller's programming understands the off peak, shoulder and peak structure of time-of-use tariffs, with some pre-programmed to aid ease of use.

## In-built electricity pricing intelligence

The tariff optimising intelligent control includes programming logic to optimise off peak operation by slight movements of the pool temperature, so that the lower priced off peak heat contribution is effectively stored in the pool. Differing temperature parameters are available by time period with the intention that peak operation may be postponed or avoided to the maximum extent feasible, consistent with your desire for the temperature of the pool at different times of the day and weekend.

The time clock graphics clearly show the basis of how the Rheem tariff optimising intelligent control gives you the tool to achieve substantial reductions in heating costs.

With time-of-use or smart metering, heating costs during the day can be up to four times the cost of night running.

Achieving a balance of off peak and shoulder electricity use will see your pool heating costs almost halved compared with connection to the standard flat rate.



## Saving pump running costs

The potential for reducing costs can be extended to your recirculating pump. The new controller can be linked to your pool pump so that it only runs those hours needed for heating and in line with the run profile determined to minimise electricity costs, further increasing the total saving.

## Advanced operational control and user interrogation features

The tariff intelligence of the controller is only one of the new features offered, with the functionality extending to outdoor fan control, circulating pump control, de-ice management, alarm logging and PCo connectivity. For example, the BMS interface capability of the unit will allow direct interrogation, status checking and performance data review.

## HEAT PUMP POOL HEATING COSTS BY HOUR\*

### Weekends & Public Holidays



### Weekdays



Best time to save  
Moderate savings  
Peak price

\*Costs shown are indicative only. These represent the heating cost per hour of an Accent Heat Pump Model HWP17BB-1 at nominal conditions. Electricity prices applied are as Published Rates for Energy Australia (for Sydney, NSW) as effective from 1/7/11. The comparative heating cost for General Domestic connection would be approx \$1.04/hour. Electricity pricing varies by State and Region and contact with local retailers should be made to validate rates applicable in any particular case.

RHEEM POOL HEATING

INSTALL A



Hi-Tech Gas Services  
02 4392 7094 or 02 9011 6200  
[info@homeheating.net.au](mailto:info@homeheating.net.au)  
[www.homeheating.net.au](http://www.homeheating.net.au)

