

# O<sub>2</sub> hybrid

A NEW **O2** INNOVATION.



**How does it work?** O2 Hybrid hot water heat pumps use electricity to drive a heat pump, which takes the energy in the surrounding air and transfers it into the water. The process is quite similar to how a refrigerator or air conditioning unit operates, except the technology is used to keep your O2 spa pool hot and ready to use, at a fraction of the cost of a traditional spa pool heater. Another major advantage for those in very hot climates, is that the Hybrid system can also cool your spa!

**Proven savings of up to 73%\*** Because O2 spas are fitted with the SpaNet 'power save' function, if you have Power Smart pricing in your home, you are able to utilise the shoulder and off peak rates to heat your spa. Coupled with the incredible efficiency of the O2 Hybrid system, you can enjoy savings of up to 73%!!

O2 HYBRID O2 SPA	kWh	Cost per kWh	Total Cost (24hr)	Saving
Conventional spa pool heater	8.5	\$0.19	\$1.62	0%
Hybrid heat pump without power save	3.7	\$0.19	\$0.70	56%
Hybrid heat pump with power save	3.7	\$0.116+	\$0.43	73%

\*Running costs will vary depending on use, location and climate. Test reports available upon request. Testing based on maintaining an O2 Spectrum spa at 36 degrees for 24 hours with an average air temperature of 22 degrees. Colder air temperatures may lead to larger savings. +Rate based on Energy Australia's average shoulder / off peak pricing as at November 2010.

**O2 SPAS FOR THE ULTIMATE IN RELAXATION ...**

# O2SPAS - AUSTRALIA'S SMARTEST SPAS.



**How is it fitted to the spa?** The O2 Spas Hybrid heat pump system is a standalone unit that is plumbed into the spa's plumbing upon installation. The Hybrid system 'talks' to the spa's controller giving you seamless operation, whilst significantly reducing your running costs. The heat pump can be positioned to suit your location but must be installed on a solid, level surface. The heat pump draws its power via the spa's control system.

**Is there extra maintenance required?** No, the Hybrid heat pump unit is designed to last the life time of the spa and no maintenance is required if the unit is kept free from debris

## Features

- Titanium Heater exchanger
- Galvanized steel construction
- Water temperature setting accuracy to within 0.5 Degrees Centigrade.
- Eco-friendly R410A Gas
- Low noise level of 50dB (the same as a refrigerator)



Specifications	
Heating Capacity Air 25 / Air 5 – Water 35	5.5kW / 3.5kW
COP: Air 25 / Air 5 – Water 35	5.4 / 3.5
Cooling Capacity Air 40 / Air 20 – Water 30	3.2 / 3.6 kW
Power Input	1 kW
Current draw	5.2amps
Power Supply	220V/ 50hz
Heating Exchanger	Titanium in PVC
Water Flow Volume	3.5m3/h
Refrigerant	R410a

Noise	50 dB
Net Unit Size (L/W/H)	955 x 305 x 575mm
Gross Weight	55kg
Water flow switch	Yes
Low pressure protection system:	Yes
High pressure protection system:	Yes
Automatic defrost system:	Yes
Compressor heater	Yes
Evaporator heater	Yes
Ambient temperature range	-7 to +45

**O2 SPAS FOR THE ULTIMATE IN RELAXATION ...**