

# « iCoolsport.com

# TurboCool

Huge cooling power at an affordable price.  
The world's best cooling system for any large icebath  
or spa pool up to 3000 litres:



Choose from  
a range of  
Wall Mounted  
Remote Control  
Stations!



# About iCool

A little background information about iCool and why more than 70% of the newest mobile ice bath systems in use around the world are iCools.

Although ice baths are in widespread popular use by elite athletes around the world today, it was not long ago that the only way to cool an ice bath was with large amounts of ice. That was before iCool designed and developed the first practical portable cooling system for ice baths. Those early award winning models were the beginning of continuous research and development that led to today's cutting edge iCool's, the iCool's that are seen at most major sporting facilities all round the world today.

iCool's technology has freed athletes and sports specialists from having to find large quantities of ice, and more importantly, for the first time they have the ability to carry out ice bath recovery and training sessions either at home or in the field with great accuracy and consistency and to conduct recovery session times for as long as they wish. None of this is possible using ice. Today, using an iCool, it is practical to carry out tightly controlled accurate ice bath protocols almost anywhere on demand.

Today we manufacture the world's most popular and successful modern ice bath systems in Australia.

It is remarkable fact that in spite of a population of only 23 million, Australia ranks consistently among the world's top 10 sporting nations. 4th in the world in the 2000 and 2004 Olympic Games and 6th at the 2008 Olympic Games and in the top 10 in the 2012 Olympic Games, competing against more than 150 nations.

Also, Australia was the overall winning nation at the 2006 & 2010 Commonwealth Games, competing against athletes representing one third of the world's population. Apart from the nation's enormous enthusiasm for all sport, much of this remarkable success can be attributed to Australia's many dedicated sports scientists and advanced training organisations and the new medical and endurance training technologies that they have developed.

The iCool recovery systems are based on pioneering recovery and endurance research and the technology developed from that research at the prestigious Australian Institute of Sport, plus years of field testing and the advice and support of many of Australia's dedicated sporting coaches and sports medicine specialists involved in university based research programs.



2004

2006

2007

2009

2010

2010

2011

2012

2013

Time Line of iCool's Award Winning Innovation

# Lowest Price All-In-One Package Solution.

The iCool Turbo range is an entirely new concept for the automatically cooling and controlling of large ice bath pools or spas for up to 20 athletes at the most affordable price available for professional equipment.

Until now the only way to chill larger pools and spas has been to have refrigeration and plumbing specialists build and install a one off system using industrial chillers that are designed for industrial and food manufacturing purposes and not for ice baths. This is always expensive and often very unsatisfactory because the equipment is not designed for the purpose and the installers are usually not familiar with current ice bath technology.

On the other hand, iCool is the absolute world leader in ice bath technology and our mobile ice baths outsell all others combined. So it was a natural step to take all of our highly efficient, multi award winning mobile ice bath technology and apply it to a cutting edge solution for big pools.

Because we manufacture large numbers of ice bath systems and export all over the world, now you can have the latest and best technology at mass production prices even for big pools of up to 3000 litres. TurboCools usually cost only a fraction of the price of a one off system, but are much better suited to the job and are much easier to install.

## FEATURES:

- **Lowest price for comparable equipment.**
- **Fully automatic cooling to as low as 5°C.**
- **Easy maintenance.**
- **Easy to use, large colour touch screen controls.**
- **Simplest Installation and self installation possible.**
- **Plugs into normal electric outlets.**
- **Highest efficiency, lowest running cost.**
- **High efficiency reverse cycle heating mode also available.**



**NEW!** MOBILE VERSION IN A TRAVEL CASE  
AVAILABLE FOR THAT SPECIAL EVENT.

## Simple Installation - low electricity usage.



The TurboCools are a unique arrangement of dual parallel systems in a single cabinet that allows for extremely efficient management of power consumption to minimise electricity use. This is really important with systems that need to operate for long periods to maintain ideal water temperatures.

The TurboCools can produce a huge 10,000 watts of cooling power from a very compact cabinet and can cool down to as low as 5 degrees C. All this cooling power uses only around 3300 watts of electricity at full output.

The TurboCools are the only product of this type in the world specifically designed for sports recovery applications. All other chillers lack the special refinements and features specific to athlete recovery because they use equipment designed for non related industrial and manufacturing purposes and are expensive and inappropriate.

Because the Turbo's have all the necessary equipment in one package, there is no need for the owner to provide complicated plumbing and electrical wiring. This can save a lot of time and money and allows a TurboCool to be installed in less than a day.

## Plugs Into Normal Electric Outlets.

The Turbo's feature the very latest in efficient digital power management and because the cooling system is split into two complete parallel systems inside a single cabinet, the start up current needed is much lower than conventional chillers because the compressors can be started separately. This unique arrangement allows the Turbo's to run from a standard 15-20 amp power outlet in 220 volt countries. (30-40 amps at 110v).

Being a twin system, the digital power management automatically closes down one of the two systems when it is not needed. This is not possible on chillers that have just one large compressor and it saves a lot of electricity. In addition, the power management system varies the airflow of the very powerful cooling fans across a wide speed range that corresponds to the exact cooling demand.

## Long Life Performance & Reliability.

TurboCools are manufactured from industrial grade metals and polymers and marine grade aluminium. The heat exchangers are made from durable chemical resisting titanium. The major machinery components are provided by the world's most trusted brands such as Mitsubishi and Panasonic.

All components are designed and rated for at least 20,000 hours of trouble free operation, their twin heat pumps are hermetically sealed so there is no need for regular servicing.

## Twin Pool Contrast Systems Made Easy

Turbo's are also available with reverse cycle heat pump capability and can be used for heating as well as cooling pools. This is perfect for recovery rooms that offer the latest Contrast Therapy where athletes can experience the great benefits of alternating between accurately controlled hot and cold pools. In the heating mode a Turbo Dual Temp can save up to 70% of the electricity normally used by an equivalent electric element heating system. All this can be achieved for a fraction of the previous cost of such a capable recovery centre, with simple installation, low running costs and maximum flexibility.

## High Efficiency Heating Mode Also Available.

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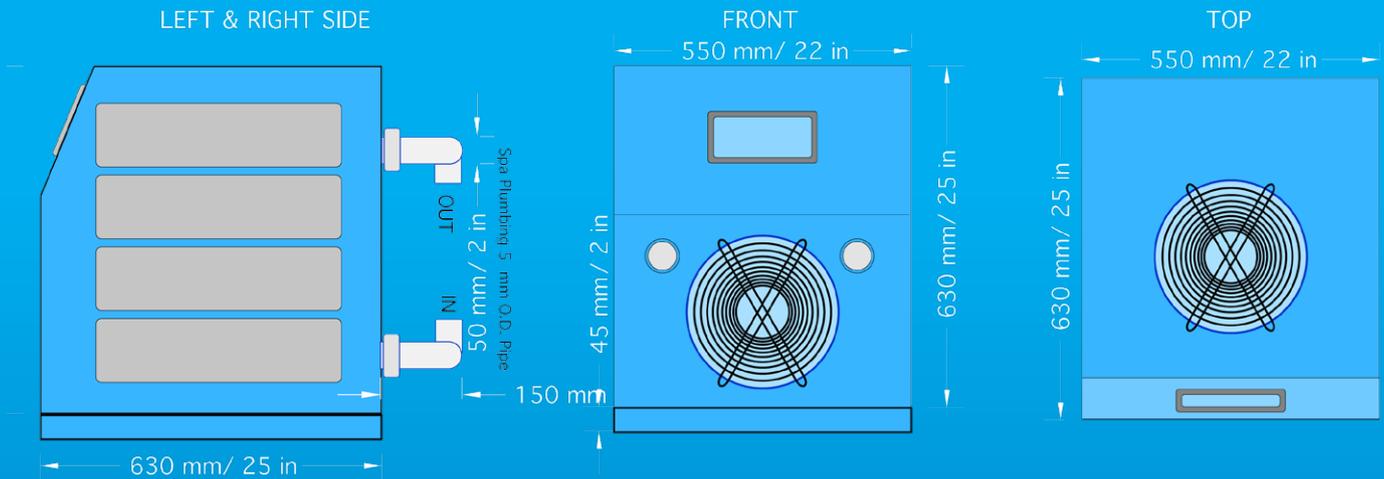


A Remote Touch Screen can be mounted in any convenient place. It offers full systems control and displays all the information needed for successful therapy.

## Specifications:

<b>Main Chassis</b>	<b>Marine Grade Aluminium</b>
<b>Main Top Cover</b>	<b>Marine Grade Aluminium</b>
<b>Decorative Panels</b>	<b>Marine Grade Aluminium</b>
<b>Compressor</b>	<b>2 x Rotary</b>
<b>Fan</b>	<b>Twin Cast Aluminium 1,100 CFM</b>
<b>Pump</b>	<b>500 watts, suitable for salt water or chlorine use</b>
<b>Condenser</b>	<b>Twin Titanium Tube in tanks</b>
<b>Heat Exchanger</b>	<b>Stainless Steel &amp; Silver</b>
<b>Touch Screen</b>	<b>8 inch Full Colour LCD with on board computer</b>
<b>Refrigerant</b>	<b>HR22 Green Gas - Zero Environment effect</b>
<b>Water Fittings</b>	<b>Food Grade Polyethylene and polystyrene</b>
<b>Plumbing Fittings</b>	<b>PVC 40mm pressure pipe</b>
<b>CE Compliances</b>	<b>Yes</b>
<b>RoHS Compliance</b>	<b>Yes</b>
<b>Country of Origin</b>	<b>Australia</b>
<b>Dimensions</b>	<b>42.5 L x 30 H x 25 W cm (16.7" x 11.8" x9.85" Inches)</b>
<b>Total Dry Weight of unit</b>	<b>95 kg</b>
<b>Dimensions L/W/H net</b>	<b>630 x 570 x 690 (mm)</b>
<b>Reviews:</b>	<b>*****</b>

## TurboCool Dimensions:



## Reviews:

“Now that we have used our 2 iCool TurboCools for a full season I just wanted to let you know how happy we have been with the performance and reliability and to thank you for the outstanding support you gave us during the initial period. We have been really impressed with how well the TurboCools cope with the hot weather here and how well they hold the temperature even when the entire team uses the pools at once.

They certainly performed as advertised and we hope to install two more when our budget allows”

***G.Baker, Southport Swimming***

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‘We are very pleased with the iCoolTurbo. Our Recovery Centre spa is at the correct temperature quickly and easily with the minimum of maintenance. The Turbo also uses the familiar, touch screen interface found on the other iCool units. So setup was easy. We have always found service and support from iCoolsport to be excellent.’ ***D.Key, Western Australian Institute of Sport..***



# iCoolsport.com

The World's No 1 Icebath Manufacturer.  
Used By Thousands Of The World's Top Athletes.

iCool is a Registered Trade Mark worldwide.  
iCool products are protected by various Patents and Patent Applications.

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