ICE TANK
FACE THE COLD

ICE TANK CHILLER UNIT - FAQ's

Q: How cold can the chiller cool the water?

A: The chiller can cool the water to 4°C. During winter months, the water may be much colder than this due to the colder air temperature. During summer months, the chiller can cool lukewarm water down to 4°C in approximately 4-5 hours.

Q: Can the chiller be used outdoors?

A: Yes - the chiller unit can be used outdoors. The chiller is designed to handle temperatures as low as minus 10°C. However, we recommend reading the section about water resistance for guidance on use outdoors under heavy rain.

Q: Is the chiller waterproof?

A: The Ice Tank 1950A Chiller unit has a waterproof rating of IPX4 under the IP rating system set out by the International Electrotechnical Commission (IEC). IPX4 rating is defined by the IEC as 'Water splashed against the enclosure from any direction shall have no harmful effects.'

More information about the IEC and its IP rating system can found be here:
https://www.iec.ch/ip-ratings

In practice this means that the chiller unit is fine to operate and/or store outdoors during periods of light rain. However, during periods of heavy rain we advise that you put under some sort of cover.

Q: How does the chiller work?

A: The chiller unit will start to cool water when you switch it on. It will continue to cool the water until it reaches the target temperature you set. Once the target temperature is reached it will kick out and stop chilling the water to save energy. It will then periodically kick back in to keep the water chilled at your target temperature. This means the chiller is not running all the time.

Q: How much electricity will the chiller unit use?

A: The amount of electricity the chiller uses will depend on the target temperature you set and the outside air temperature. As a general rule, the lower the target temperature the higher the running cost. Also, the higher the air temperature the higher the cost to cool the water. For example, if you set the chiller to cool the water to 4°C and the outside temperature is 30°C then the chiller will be operating at maximum capacity. If you set the chiller temperature at 8°C and the outside temperature is 12°C the chiller has much less work to do and as a result will consume less energy.

Typically the chiller will consume between 0.5 - 0.7 kW/hr when it is in chill mode. To keep the water around 5°C for your dip the chiller will be running in chill mode for about 2-3 hours in total over a 24 hour period, resulting in approximately 2kW per day. Depending on your tariff, this is likely to be c.70p per day.

Q: What plug is fitted on the chiller as standard?

A: The chiller is fitted with a type G three pin 230V 50Hz regular UK plug as standard.

We can also fit any plug required for global shipping. For example - a type A/B three pin 120V 60Hz plug for the US or type F 230V 16A two pin plug for Europe. Please let us know if you have any specific requirements.

Q: How big is the chiller and how much does it weigh?

A: The chiller is 68cm (l) x 36.5cm (w) x 50cm (h) in dimension and weighs approximately 36kg.

Q: Can I move the chiller around?

A: Yes - the chiller unit has some handy wheels underneath which will allow you to wheel it around. Please be careful however as the unit is very heavy. The chiller also comes with two large handles on the top which you can use to carry. Please be careful, however, as the chiller unit is very heavy weighing approximately 36kg. We recommend only lifting with two people.

Q: Does the chiller come with the pipes and connectors?

A: Yes. The chiller unit comes with the pipes and connectors to attach to the tub. It is very simple to connect and we provide you with full instructions

Q: Does the chiller have a warranty?

A: Yes the chiller comes with a 12 month ‘peace of mind’ warranty.

Q: What maintenance is required to upkeep the chiller?

A: The chiller contains a filter which will need to be changed once every 3-6 months depending on usage. This is very simple to change and takes less than 2 minutes to do. You will find instructions on how to do this in the user manual. You can buy replacement filter from the ice tank website at a cost of £5. The UV light will also need to be replaced once every 3-4 years. The price for a replacement UV light is £10.

Q: I have a question which is not answered in this FAQ sheet - where can I go to find out more information?

A: Further information can be found at our website www.icetankadventure.com. Alternatively you can email us at admin@icetankadventure.com if you have any specific questions which are not answered on our website.