



Owner's Manual

MiPod Range

Series 2



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Your
MiPod

01

What's new in Series 2



The MiPods are in a class of their own being the most technically advanced and the most powerful chilling systems of any comparable product available on the market. They give you the fastest chilling performance available anywhere. Manufactured from the highest quality materials and components for long service life, ice bath sessions are quick to set up and easy to use.

Superfast Cooling

The MiPod is the quickest all-in-one automatic ice bath capable of cooling or heating your water down to 5°C or up to 40°C. Depending on the model chosen, it can cool or heat your pool in as little as a few hours where other products advertise cooling times of as much as 24h to 72h.

Premium Quality

Made entirely from hand laid carbon fibre for strength, quality & class leading appearance. Each MiPod is embedded with high standard 65mm thick insulation foam to maximise heat retention and provide super low running costs. With a 5 star energy rating, MiPods cost less than 40c/day to run.

Smart Control

All models feature an attractive remote 13 inch Full HD Touch Screen with latest advancements in automatic technology that can be mounted anywhere you need (5 m data cable & wall-mount bracket included). The modern user interface has been completely redesigned to provide fully automatic start up and operation. Just set the temp, press START, and that's it!

Wide Range

Our large range offers fully built-in pools in two sizes that do not need plumbing connections and are ready to go out of the box. You can choose from cold only models that can cool water down to 5°C (40°F), hot only and dual temp versions that can heat the water up to 40°C (104°F). There is no external plumbing required. Just drop in place, set the temp, and enjoy.

A REMOTE CHILLER version is also available for set ups where space is limited and the cooling unit is installed in a different area. This cooling unit can be chosen from our wide range of Compact Cooling Units

24/7 Operation

The MiPod is built to be always on and always ready for use in homes, gyms and other commercial applications. All MiPods feature iCool's award winning heat pump technology designed to be ready to use 24/7 with an exceptionally low running costs.

Identify your MiPod

This manual is intended to help you get started using the MiPod Range of all-in-one products. To know your device's features, specifications and operation instructions, you will first need to identify your product. Below are some guidelines to help you determine your model, your series and your voltage.

Identify your model

Your device's model name is printed on your order/invoice and on the Machinery Panel **2**. All MiPods models are 220V only.

Identify your serial number

Your *Device ID* (or Serial Number) is noted on the label attached inside the black box on the side of your pool **7**.

Identify your series

The Series of your product corresponds to a certain 'batch' of units made at a certain time. The Series is marked on the Serial Number label **7** & on the front page of your owner's manual.

- 1 Chrome Strip
- 2 Product Model
- 3 Machinery Panel
- 4 Condenser
- 5 Drain Point
- 6 Side Vent
- 7 Electronic Panel + Serial Number

Included with your MiPod



Remote 13inch Full HD Capacitive Touch Screen



Wall-mount bracket & screws kit



CAT6 Ethernet DATA cable 5 meters



Drain Valve with 12mm hose connection

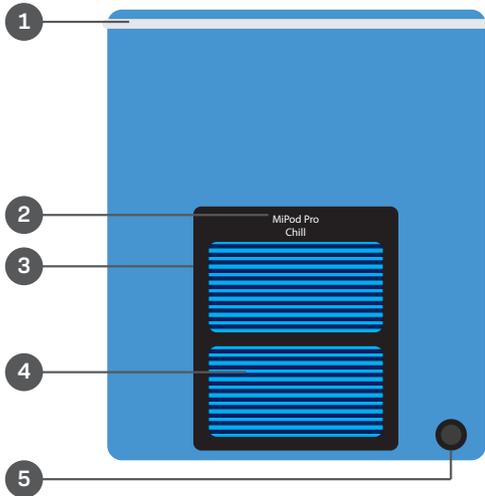


Power Plug to suit country (EU, USA, AUS or UK)

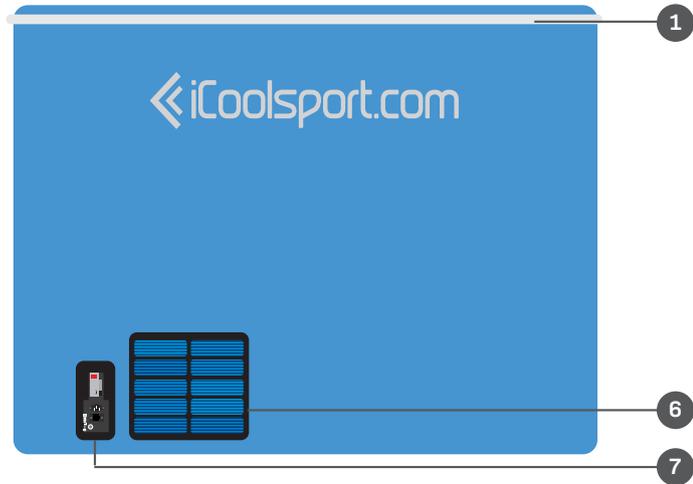


Owner's Manual

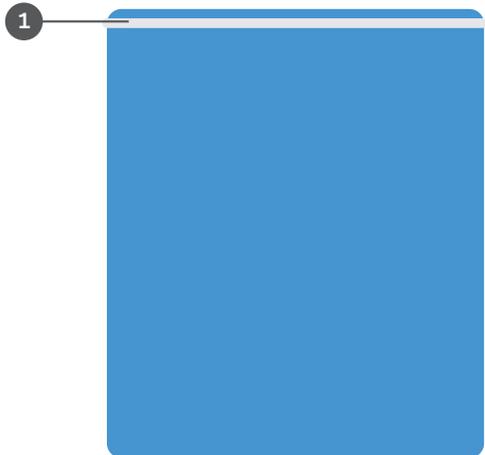
Back View



Left Side View



Front View



Right Side View



Specifications

MiPod Mini



Single person fiberglass bath

From \$4,499

[Shop now](#)

130 x 75 x 104

External Dims. L x W x H (cm)

116 x 61 x 97

Internal Dims. L x W x H (cm)

70 Kg

Empty Weight

 **450L**

Water Volume

 **1**

Maximum capacity

✓ **Yes**

Internal non-slip steps (2) included

✓ **Yes**

Water out drain connection and valve supplied

✓ **CHILL**

✓ **HOT**

✓ **DUAL TEMP**

Internal/built-in cooling systems available

✓ **COOL**

✓ **COOL DT**

✓ **XP**

✓ **XP DT**

✓ **ICEMAN**

External/remote Compact cooling systems available

MiPod Pro



1-3 persons fiberglass bath

From \$4,999

[Shop now](#)

150 x 80 x 120

External Dims. L x W x H (cm)

135 x 65 x 11.3

Internal Dims. L x W x H (cm)

90 Kg

Empty Weight

 **600L**

Water Volume

 **3**

Maximum capacity

✓ **Yes**

Internal non-slip steps (2) included

✓ **Yes**

Water out drain connection and valve supplied

✓ **CHILL**

✓ **HOT**

✓ **DUAL TEMP**

Internal/built-in cooling systems available

✓ **COOL**

✓ **COOL DT**

✓ **XP**

✓ **XP DT**

✓ **ICEMAN**

External/remote Compact cooling systems available

MiPod Chill



Pool with built-in chiller

From \$10,499

[Shop now](#)

5000 Watts
Cooling Power

N/A
Heating Power

5°C
Temperature Reach

Less than 2 hours*
Cooling time

ONE TOUCH START
Automatic Operation

Yes
24/7 Operation Allowed

Remote 13" touch screen
Control Operation

Yes
Remote screen and wall mount bracket
included

Yes
Water out drain connection
and valve supplied

No
Water connections for external chiller

pool colour: blue or light grey, built-in
sanitiser, ladders,
thermal cover
Optional features

MiPod Hot



Pool with built-in heater

From \$7,499

[Shop now](#)

N/A
Cooling Power

2000 Watts
Heating Power

40°C
Temperature Reach

Less than 2 hours*
Heating time

ONE TOUCH START
Automatic Operation

Yes
24/7 Operation Allowed

Remote 13" touch screen
Control Operation

Yes
Remote screen and wall mount bracket
included

Yes
Water out drain connection
and valve supplied

No
Water connections for external chiller

pool colour: blue or light grey, built-in
sanitiser, ladders,
thermal cover
Optional features

MiPod Dual Temp



Pool with built-in chiller/heater

From \$11,499

[Shop now](#)

5000 Watts
Cooling Power

3000 Watts
Heating Power

5°C to 40°C
Temperature Reach

Less than 2 hours*
Cooling/heating time

ONE TOUCH START
Automatic Operation

Yes
24/7 Operation Allowed

Remote 13" touch screen
Control Operation

Yes
Remote screen and wall mount bracket
included

Yes
Water out drain connection
and valve supplied

No
Water connections for external chiller

pool colour: blue or light grey, built-in
sanitiser, ladders,
thermal cover
Optional features

MiPod Remote**



Pool with external chiller

From \$10,469

[Shop now](#)

From 5000 Watts
Cooling Power

From 5000 Watts
Heating Power

From 5°C to 40°C
Temperature Reach

Less than 2 hours*
Cooling time

ONE TOUCH START
Automatic Operation

Yes
24/7 Operation Allowed

Built-in 10" touch screen
Control Operation

Optional \$999
Remote screen and wall mount bracket
included

Yes
Water out drain connection
and valve supplied

Yes
Water connections for external chiller

pool colour: blue or light grey, built-in
sanitiser, ladders,
thermal cover, external filter, remote
screen, travel case
Optional features

Quick
Set up

02

Prepare for set up

To make setup as smooth as possible, please follow carefully the instructions outlined below. Do not start your MiPod until you have read this entire owner's manual. Improper installation or operation may result in equipment damage not covered by warranty.

Unboxing

We strongly recommend keeping the original packaging of your unit for as long as your warranty lasts. It can be used if you ever re-locate the pool and offers you peace of mind for transport.

To unpack, unscrew the bolts from the wooden crate starting from the top panel, then the sides. First thing to note is to make sure nothing is missing.

Requirements of the room

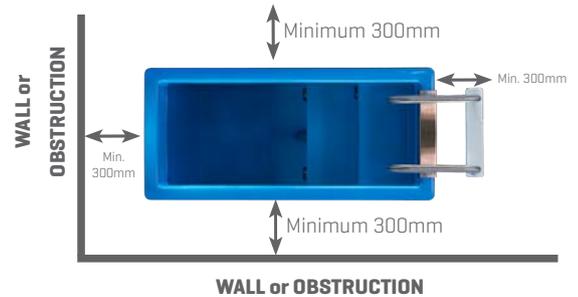
Prior to using your MiPod, you must ensure that the area of the room where the MiPod is installed should not be less than 6 Square Meters (65 Square Feet) for best results. The door frames should be at least 810mm wide (32 inches) to allow the MiPod to be easily carried inside.

Extreme Weather Exposure

For best results, the ambient room temperature recommended for all models should be between 10-25°C (50°-77°F).

If using your MiPod in extreme cold temperatures, **never** allow the water to freeze or serious damage could occur that is not covered under warranty. If freezing conditions are expected in the room where the MiPod is installed, empty the water, add anti-freeze to the water or turn on the heating mode if your model has that function to keep water above freezing.

On very hot climates over 45°C, it may not be possible to run the system at full power due to the excessive heat. If the temperature inside the unit exceeds 70°C, the over heat safety circuit will operate and shut the machine down.



Positioning

Your MiPod pool must be placed on a uniformly flat and level surface. Be sure to place the pool on an area that can support the weight of the bath when full (water is very heavy, 1KG per Litre). It is always recommended that you seek the advice of a qualified engineer or the local council if unsure. If eventual servicing is required for any particular reasons, please also make sure that you have easy access to all side vents and panels.

We suggest that you closely consider the required location for your ice bath and that you account for drainage of your pool and attachment point to drain the surplus water, prior to filling your bath.

Airflow

For models with internal chillers, please ensure your MiPod is placed at a minimum distance of 300mm on all sides away from any obstacle, wall or structure to allow proper airflow. Please also make sure it is kept away from heat sources of any description.

You **must** provide appropriate ventilation to keep the machine within a safe operating temperature. A good ventilated area is required so your chiller can disperse the heat effectively into the air and it should not be placed in a confined space otherwise it will reach unsafe temperatures that will cause the inbuilt safety system to operate and shut down the unit.

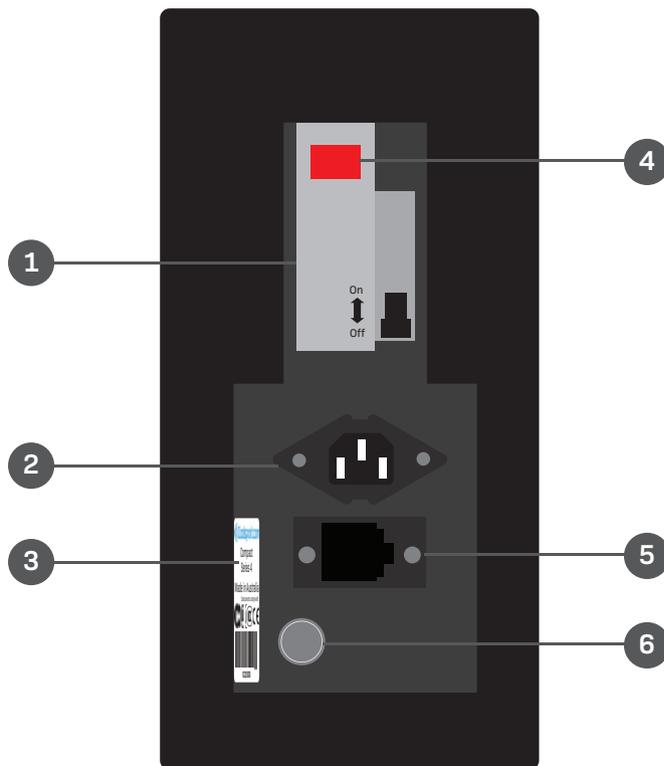
Water Condensation

Please note that your unit is a very powerful chiller and condensation will occur inside of your machine and you may notice a small amount of water at the base. Condensation is water from the air being condensed as ice or water on the very cold surfaces of the iCool's machinery. This is more evident in high humidity where the air contains a lot of water.

MiPod Chill/Hot/Dual Temp

For models with an internal built-in chiller, the first step is to connect the MiPod to the power and to the screen. You must absolutely make sure that you do not connect your MiPod machine to the wrong voltage or this will cause serious damage not covered under warranty.

Electronic Panel Box



- 1 Main Power Switch
- 2 Main Power Socket
- 3 Serial Number Label
- 4 Safety Test Button
- 5 Ethernet Port for DATA cable
- 6 Override Button

7

1

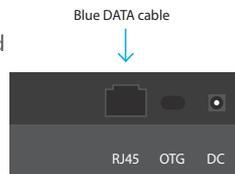
1. Connect MAIN POWER

Plug the power cable to the Main Power socket **2** and to a 3-pin earthed wall socket rated at least 13 Amps at 220 volts (and 26 Amps at 110 volts if your machine is 110V). Please avoid the use of long extension cords as they may result in voltage drops that may trigger the inbuilt safety system.

MiPods must be connected to the voltage marked on the machine, **! they are NOT multi-voltage and using a different voltage may cause severe damage.** The power input socket on the side of your MiPod must be connected to standard AC power capable of providing at least 13 Amps in countries with a 220v supply, and 26 Amps in countries with a 110v supply. The system requires much less power than this for normal operation, however they need more power for up to a minute each time they start up and this must be allowed for. A 3 pin grounded power outlet is absolutely mandatory for user safety. Never use a 2 pin plug it could be dangerous. Your MiPod is fitted with an electrical safety device to protect users and All AC power connections used must have an earth connection that complies with your local electrical safety regulations.

2. Connect DATA CABLE

Plug the **blue** DATA cable to the Ethernet Port **5** on the machine and to the RJ45 socket on the back of your screen. Please note, a power cable is not required for the screen. The screen will receive its power from the **blue** DATA cable.



Mount the screen on a wall or anywhere you want using the wall mount bracket kit (included). Please note the maximum distance is 5 metres.

3. Turn on SWITCH

Turn the Main Power Switch ON **4** and check that the screen turns on correctly. If that is the case, a WELCOME PAGE will appear on the touch screen.

SCREEN NOT CONNECTING

If the screen does not light up when turning ON the switch of the MiPod, please make sure that:

- 1** The Main power cable is correctly connected to the power socket on the unit and to the wall and that no extension cables are being used.
- 2** The Safety Switch is in the ON or UP position. Please note that if your MiPod ever detects a potential electrical safety risk, this switch will instantly turn off all electric power to your MiPod. Always have an electrician inspect your MiPod for safety should this ever happen and before turning it back on.
- 3** The Data cable is correctly connected to the Ethernet socket on the unit and on the screen.

Please note: when contacting iCool Support, please send pictures and a short video of the screen and pool set up. This will help engineers to better determine the problem and give you the best advice.

MiPod Remote

For models with an external refrigeration unit, installation is recommended to be completed by a certified plumber. PVC plumbing pipes (not supplied) will need to be connected between the MiPod and the external chiller. The rest of the operation must be followed as per the chillers Owner's Manual purchased (different to this manual).

Compact chiller

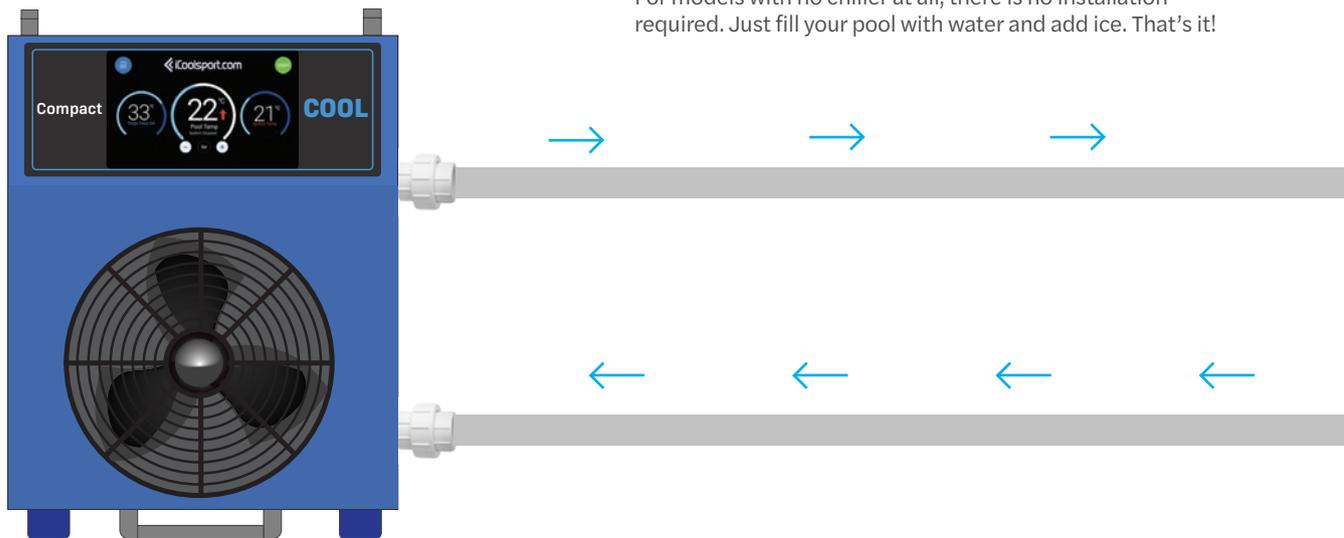
With all MiPod Remotes, the davey water circulation pump is installed inside your MiPod pool. Your compact will come with PVC barrel unions suited for 1 inch PVC pipes. PVC pipes & MiPod water outlets are not included. Installation is recommended to be completed by a certified plumber. Insulation of the pipes is a must for the full length of the two water pipes, otherwise a lot of cold energy will be lost.

Remote Screen (Optional)

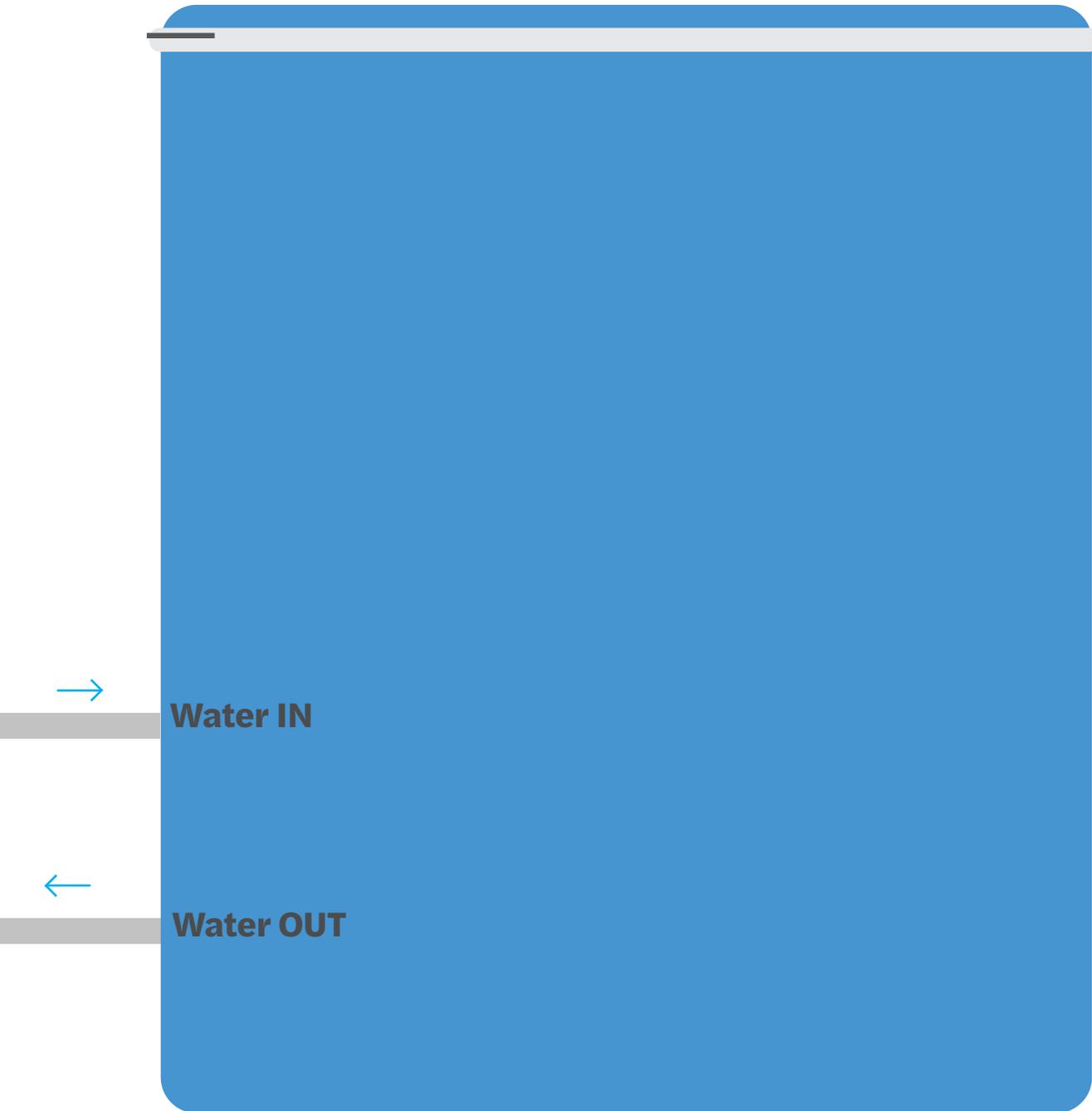
With MiPod Remote versions, a Remote touch screen is usually recommended (optional) so you can control your MiPod temperature from the same area of your pool. Please follow instructions from Page 15 of the Compact Range Owner's Manual (different to this manual).

MiPod Ice

For models with no chiller at all, there is no installation required. Just fill your pool with water and add ice. That's it!



→ Water flow direction ■ PVC Pipes (not supplied)



External Filter (optional)

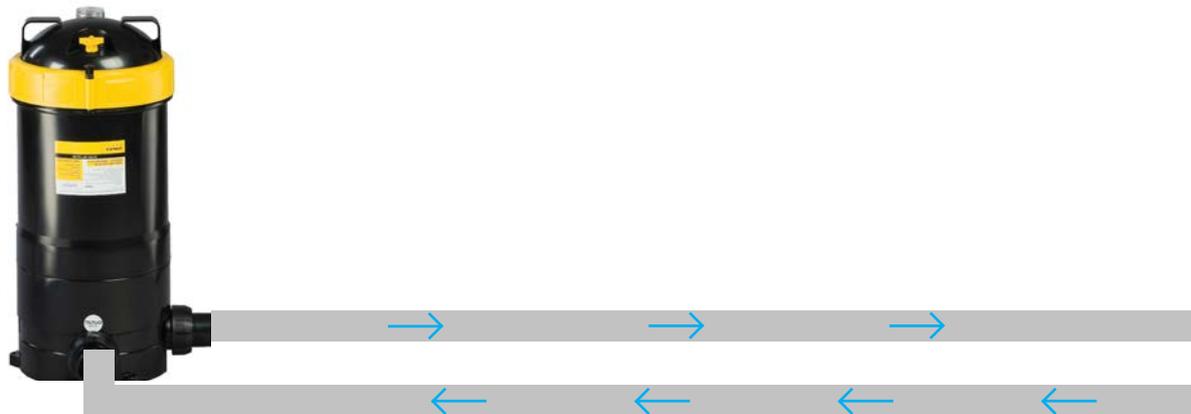
An external filter can be purchased however it must be ordered at the same time and cannot be retrofitted on existing MiPods. 2x Water outlets are fitted to the shell of your MiPod and installation must be done with PVC pipes or flexible hoses (your choice). Make sure to talk to an iCool representative to order this at the same time you order your MiPod pool.

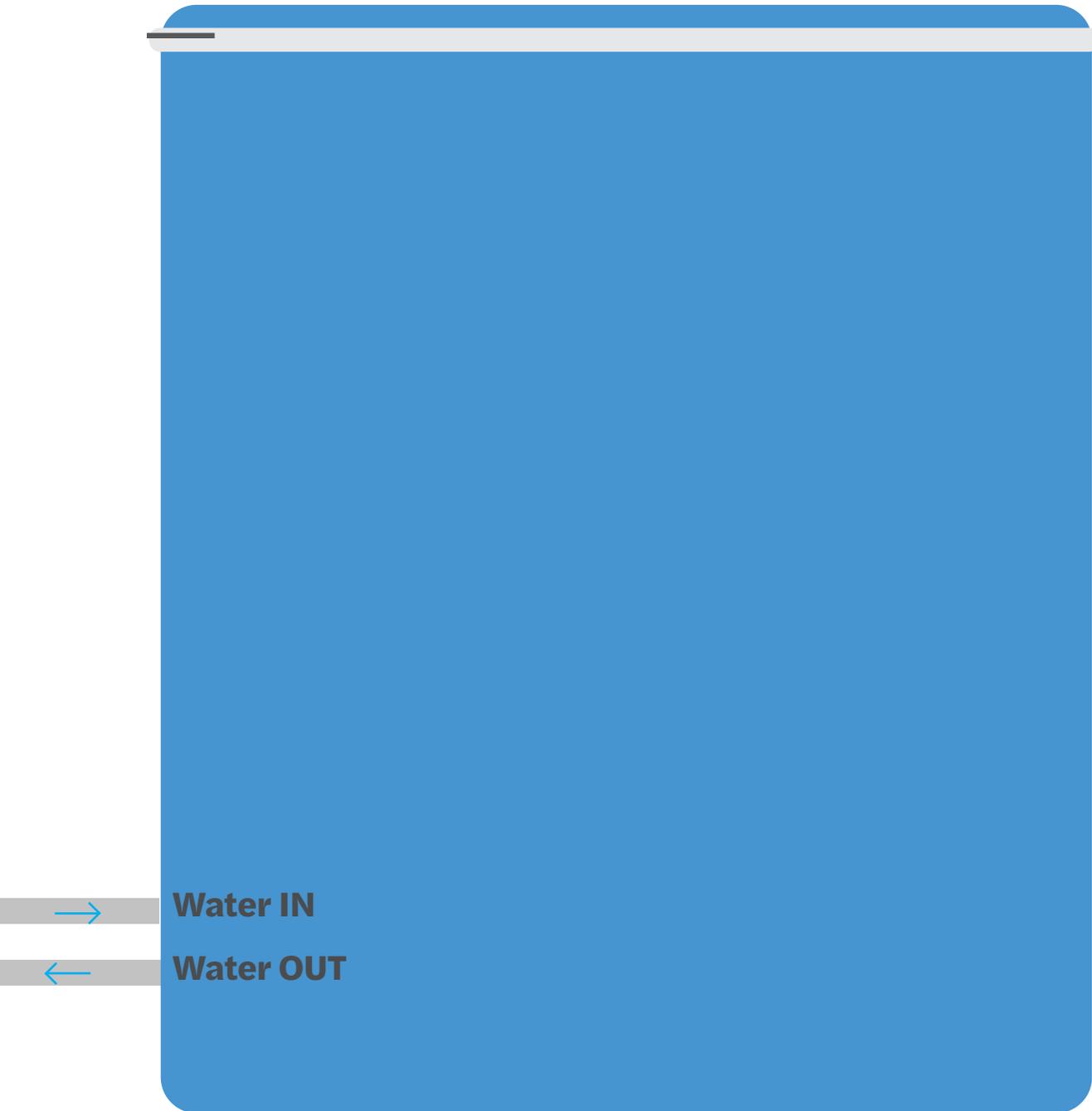
Davey Cartridge Filters

If using the optional iCool Davey Cartridge Filter, additional water outlets are manufactured on the shell of your MiPod when ordered at the same time. This must be ordered in advance and cannot be retro-fitted.

The connecting PVC pipes between the filter and the MiPod are not included. Installation is recommended to be completed by a certified plumber. Insulation of the pipes is a must for the full length of the two water pipes, otherwise a lot of cold energy will be lost.

- PVC Pipes
- Water flow direction





Fill with water

Fill pool with water and allow enough space to handle water displacement and prevent overflow when users enter the pool. This is particularly important if you intend to have 2 or 3 people at the same time. Make sure the bath is filled with enough water as recommended on the right.

Fill with a hose

A permanent water connection is not required. Simply fill with a hose over the MiPod to at least cover the internal top water outlet. If this is not followed, the machine will draw air and cause the safety system to shut the system down.

To empty water from MiPod, simply connect a 12mm hose to the drain valve and OPEN valve to let water go.



12mm hose
(not supplied)

Drain Valve

Make sure the drain valve is in the CLOSED position when filling the bath so the water stays inside the MiPod.



CLOSED



OPEN

----- Recommended water level



Get
Started

03



 iCoolsport.com



User Interface

The all new modern user interface has been completely redesigned to provide completely automatic start up and operation. It has an intelligent water flow correction and will attempt to correct issues automatically.

1. Software Load

Once you have switched on the MAIN POWER, the touch screen will be blank for a few seconds. A few seconds later, the iCoolspot logo will appear.

This will continue until your machine has loaded its operating software and run a full system check. This can sometime take up to a minute.

DO NOT TOUCH THE SCREEN DURING THIS SELF TEST PROCEDURE.



2. Welcome Screen

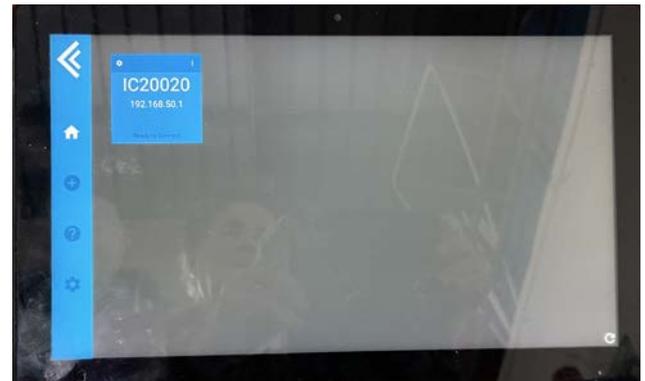
A welcome screen movie of ice and snow indicates that the machine has loaded the latest software and all safety checks have been completed successfully.

TOUCH the screen anywhere and the Main Operating Screen will appear.



3. Initial Connection

Your touch screen will usually connect to the MiPod main operating page automatically, however in some circumstances this page may appear because it has not yet recognized your MiPod. If this happens, after a short time a small blue square appears at the top left of the screen (as shown below). Simply tap anywhere on this small blue square to connect manually. Do not touch anything in the narrow blue band on the left hand side, this is for service settings only.



3. Starting Up

To start the unit, simply set the temperature you require by repeatedly clicking - or + and hit the "Set" button to lock in your desired target temperature. Then press START and your unit will begin its fully automatic START UP SEQUENCE PROCEDURE.

Please note: MiPod Chills will automatically cool water down (max to 5°C); MiPod Hots will heat water up to max 40°C, MiPod Dual Temps will automatically select if it needs to chill or heat to achieve desired temperature (range from 5°C to 40°C).



PROGRESS BAR

4. Progress Bar

A PROGRESS BAR will appear along the bottom of the screen to inform you of the start up progress.

- 1 Your machine will first start the water pump and the water will start flowing in your MiPod.
- 2 After a few seconds, the refrigeration compressor motor will start. This sound is easily recognisable.
- 3 After some more seconds, the main air flow fan will start. You will hear and feel air coming from the Black panel of the machine.



In this case, everything has tested correctly and the machine is now chilling to the set temperature.

That's it!

Your machine will now do all the rest and there is nothing else for you to do. It has been designed to always be on and ready to use.

Your MiPod has been manufactured using quality components from the world's leading manufacturers and is therefore capable of continuous 24/7 operation.

If you wish to have your pool available at your desired temperature at any time of the day or night then you can leave it running continuously at very low operating cost. The MiPod is so efficient that if you use it every day, it will cost less to operate if you leave it running continuously.

A sophisticated power management system is included that will automatically use several sensors to evaluate all conditions and adjust to use the lowest power possible to maintain your set temperature.

Because of the extremely effective insulation it will only need to operate for a short time each day to maintain your desired temperature and always be ready for use.

START UP SEQUENCE ERROR

If the start up sequence fails, please check that all 3 steps of the procedure are running correctly.

- 1 If the water does not flow steadily when you first start up, this is usually due to air being trapped in the pipes or not sufficient water in your pool. Your machine will attempt to clear any air trapped in the pipes automatically 3 times. If not successful, the screen will let you know there's a water flow issue.
- 2 Listen carefully to the start up sequence and wait to hear the refrigeration motor sound.
- 3 Make sure you can feel airflow coming from the back panel of your machine.

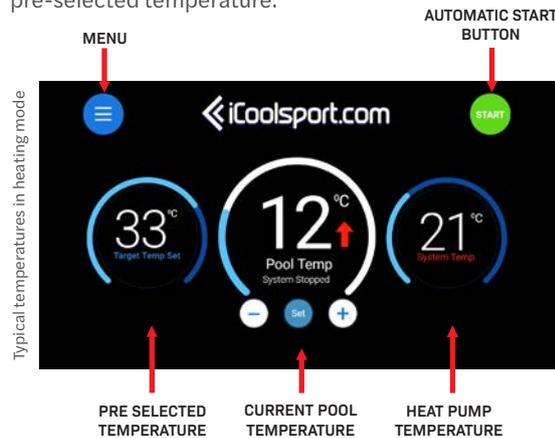
If any issues when contacting iCool Support, please send pictures and a short video of the screen as it starts up. This will help engineers to better determine the problem and give you the best advice.

Basic Settings

The new user interface looks and works exactly like a smartphone. You can change different basic settings like the temperature unit, the volume and more by clicking on the menu button.

HOME

The Main Operating Screen (or Home Screen) allows you to see the current temperature of your pool, machine and the pre-selected temperature.



Light/Dark mode



You can change the display mode of your screen from **Light** to **Dark mode**.

Volume

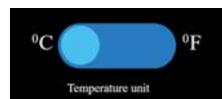


You can change the volume of the system sounds by clicking repeatedly - or +.

SETTINGS

You can change different settings of your unit by clicking on the Menu Button and selecting SETTINGS.

Temperature Unit



You can switch between **Centigrade** or **Fahrenheit**.

Energy Saving



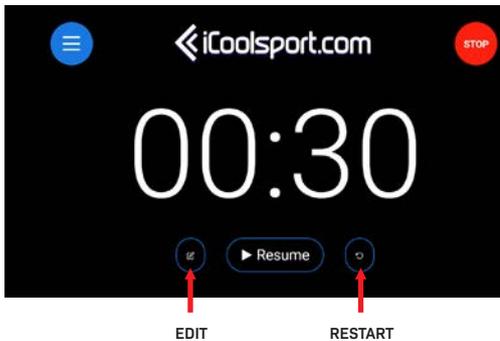
You can set different levels of energy saving. Level 1 provides full cooling power, Level 5 saves the most electricity. We recommend keeping it at 2 as a default.

TIMER

Your MiPod screen has a built in SESSION TIMER. Touch the blue MENU button to reveal all available options on your machine & choose TIMER from the list.

This timer does not affect the operation of the chiller and will not switch it on or off.

This timer only allows you to set an alarm for the amount of time you want to remain in the pool. It provides a count down on the screen and sounds a warning sound at the end of the session. It can automatically re-set and start again for the next session.



Click the Edit symbol to change timer settings.

Simply click $-$ or $+$ repeatedly to set the Countdown Time and do the same to set a Change Over Time in between sessions then click SAVE.

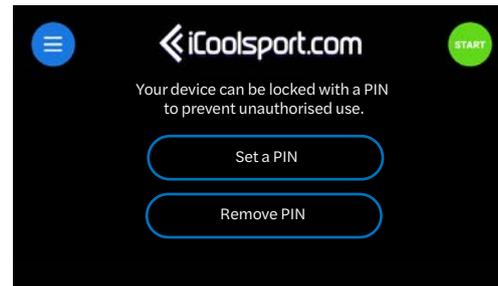


LOCK

You can also lock your screen by entering a 4-digit passcode. This will limit the access to the settings of the chiller.

To set a passcode, go to MENU > LOCK > Set a PIN and enter a combination of 4 numbers.

You can remove this settings by selecting “ Remove PIN”.



INFO

All information about your machine is available in Menu > Info.

- > The *Device ID* (or Serial Number), also noted on the label attached at the back of your unit. This ID number will need to be given to us in the event of warranty queries and repairs.
- > The *Model* (or Product Name).
- > The *Software Version* of your device.
- > The *IP Address* of your device.



Safety Procedures

04

Important Safety Warnings



 If the Mipod is subject to resale or passed to another owner or to be relocated, please make sure that the manual is transferred together with the Mipod, to the new owner or users.

POWER SUPPLY VOLTAGE

iCools can only be connected to the voltage marked on the machine. They are manufactured as either 110v or 220v machines, but they are not multi-voltage. Using a different voltage may cause severe damage. All models can be used on both 50 Hz and 60 Hz AC supplies.

ELECTRICAL POWER CONNECTION

The power input socket on the side of your iCool must be connected to standard AC power capable of providing at least 13 amps in countries with a 220 V supply and 26 amps in countries with a 110 V supply. The iCool requires much less power than this for normal operation, however all heat pump compressor motors need considerably more power for up to a minute each time they start up and this must be allowed for.

AN APPROVED EARTH CONNECTION IS ESSENTIAL FOR SAFE OPERATION

To ensure safe operation, the AC power connection you use must have an earth connection that complies with your local electrical safety regulations.

EMERGENCY STOP

In an emergency, push the ORANGE button on the MAIN POWER SWITCH or switch off the main power switch and all high voltage electrical power is removed instantly from the water pumps and cooling systems. Please be sure all users of the spa pools are familiar with this function. Make sure all operators and users know where the ORANGE button is to remove all power. This button is located on the Main Power Switch.

ELECTRIC SHOCK PROTECTION LIMITATIONS

All iCool machines have built-in electrical safety residual earth leakage protection systems. It can only protect against devices actually connected to the iCool including the water pump. It can not protect against faults in other unrelated electric devices in the area.

All electric devices in any pool area must only be connected to a power supply that has a residual earth leakage device either at the main switch board or on the device itself. Never risk using unprotected electrical devices near water.

SAFE TEMPERATURE SETTINGS

Following international safety recommendations your iCool will not accept water temperature settings below 5°C (40°F) as this would put athletes using the system at risk of hypothermia. Also it will not accept heating temperature settings above 40° C (104°F) to prevent any chance of scalding sensitive skin.

Please also be careful with prolonged cold or heat exposure.

POOL FENCING & SANITISATION

Please contact your local authorities about pool fencing and sanitisation compliances. iCoolSport is not responsible for these matters.

Particular care must be taken on all surfaces on or near baths. iCoolSport will not accept any liability for injury or death from slips or deaths in and around the ice bath.

BUILT-IN SAFETY SYSTEMS

Your iCool has many essential safety features to protect against such things as:

- » A loss of water flow
- » Overheating of the system
- » Electrical shock protection

If any such potentially dangerous situation should occur, in most cases your iCool will sound an alarm, shut itself down and a warning screen will appear to assist you to identify and correct the problem. Further assistance is usually available under the “Help” menu.

In the case of overheating, the large main fan may continue to run for some time even after a shut down, until the temperature is safely back to normal.

For the safety of users, any leakage of even a small amount of electrical current will instantly cause the Residual Current Device to remove all electrical power from the entire system.

The maximum leakage allowed is 30 milliamperes which is considered to be a harmless level. This safety device is part of the main power.

To confirm safe operation, pressing its TEST button will shut off all power to the machine and to the water pump instantly.

NEVER RESTART WITHOUT IDENTIFYING AND CORRECTING ANY FAULT

In the unlikely event that your system shuts itself down for any reason, you must identify and correct the problem that has caused the safety system to operate before allowing anyone to use the iCool.

ADVICE ABOUT POOL CHEMICALS

The pool is provided with a high quality water pump especially designed for the purpose. The pumps we provide are resistant to chlorine and salt water at normal concentrations, but the use of chemicals should be kept within the range normally recommended for swimming pools to prolong the life of the pump and the titanium heat exchanger tanks inside the cooling unit.

Never use bromide as it is highly corrosive to all materials and can cause irritation to athletes eyes and skin. Bromide is unnecessary in cold pools because bacterial growth is much slower at low temperatures. A small amount of chlorine is all that is needed to keep the water safe. Use standard pool test strips to determine the amount needed. If the water is emptied after each session then no chemicals are needed.

EXTREME WEATHER CONDITIONS

iCools is not responsible for damage due to extreme outdoor exposure (rain, sun, rust, salt, freezing temperatures, dust, dirt or any other debris). Your MiPod should be kept in a clean and protected area from direct exposure to the elements. Extremely dirty, dusty, damp and corrosive conditions can cause electrical problems not covered under warranty.

ICEMAN REMOTE EXTRA LOW TEMPERATURE SAFETY WARNING

The IceMan Remote model will allow setting as low as 2°C (35°F) and on that setting it will chill as low as 1°C depending on ambient conditions and water volume. If the heat exchange tank freezes, the IceMan may stop to protect against damage from expanding ice. Special care is required using the IceMan mode, such cold temperatures can be dangerous and we advise supervision by another person as a sensible precaution.

Maintenance

It is recommended to clean your MiPod often to avoid rust and dust building up and reducing performance or causing other problems. For best results, use a microfibre cloth to clean your pool.

Operation

The ideal operation temperature is indoors between 10 & 25°C. You must absolutely protect the unit from rust, dust, dirt, freezing temperatures and direct sun.

Sanitisation

The use of chlorine, salt and mild chemical disinfectants is acceptable but do not use bromide as it is excessively corrosive.

External Water Filter

If using a water filter, we recommend cleaning it every week and replacing the internal cartridge every 6 months.

Storage

If not in use, pool must be emptied and kept at ambient temperature, ideally between 15 and 25°C, and protected from extreme weather conditions.

Transport

All MiPods need to be in an upright position at all times. Never lay the pool on its sides.



**THIS
WAY
UP**

Operation in Very Cold Weather



If your MiPod was specifically ordered for weather conditions below freezing, you may have an anti-freeze system installed. This function is automatic and will cause the machine to stop occasionally to melt any build up of ice. Never allow for the water to freeze in the MiPod or its machinery.

If extreme cold conditions are expected, empty the water from the unit. If not being used, do not allow the internal tank to freeze solid. Either empty the water or add salt or anti-freeze to lower the temperature at which the water freezes. If not in use, drain the unit and store at ambient temperature.

Operation in Very Hot Weather



iCool machines are very powerful and capable of removing up to 7,500 watts of heat from the water (25,000 BTUs) depending on the model.

To remove waste heat from the powerful heat pump a powerful high flow cooling fan is installed. The fan is designed to move up to 3000 cubic feet of air per minute. Air flow must never be blocked by any object.

If the temperature inside the machine exceeds 70°C the over heat safety circuit will operate and shut it down. The screen will give advice as to when it can be safely restarted. This may occur in very hot weather, or if the airflow is blocked by being placed too close to a wall or if an object such as a bath towel is blocking the air flow.

Never place your iCool machine closer than 300mm (12 inches) from a wall or other obstruction that could restrict the flow of cooling air. Never operate your chiller in a confined space and make sure there is enough airflow at all times.

Damage resulting in wrong use of these guidelines will not be covered under warranty.

Technical Support

05



Water Flow Issues

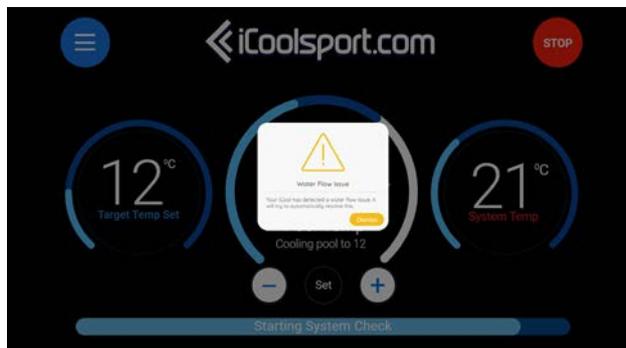
To protect the pump and the titanium heat exchanger tanks, the system will not allow operation unless the water flows correctly. If water does not flow smoothly or if there is air trapped in the system for more than 2 minutes, the safety system will first attempt to fix it by causing the pump to surge a few times, but if that fails it will direct a shut down for safety.

Intelligent Water Flow Correction

if the water does not flow steadily when you first start up due to air being trapped in the pipes or inside the water pump, your iCool will attempt to clear it automatically 3 times.

If this is not successful the touch screen will direct you on how to correct this issue.

The most common issue that can prevent successful operation is lack of water flow. The light bar will turn **ORANGE** if this happens.



It can occur if air is trapped in the water pipes or in the pump, or if flow is restricted by some sort of blockage (it could be hair, dust or any other debris).

The machine will attempt to clear it **automatically** several times by surging the pump to dislodge air. If after several attempts it cannot correct the lack of water flow, it will shut the machine down and warn you that action must be taken to correct the problem.

Running the iCool with no water flow can cause serious damage because the heat exchange will quickly freeze and risk cracking the internal tank. Lack of water flow will also seriously damage the pump as there would be no lubrication or cooling from water which is why the system will not allow it.

Water Flow Issue Fixed

if your machine can correct the lack of water flow itself it will do so and advise it on the screen with a Green Tick Notification. The light bar will turn back to **BLUE** (if cooling) or **RED** (if heating).

No action is needed, it will continue to operate correctly.



Unable to Fix Water Flow Issue

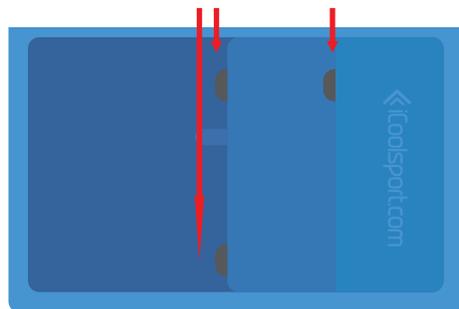
An explanation will appear in the middle of the screen.

Your iCool machine can not continue until the reason for the lack of water is found. This is very important because such a powerful machine could easily freeze the remaining water in the titanium heat exchange tank solid and that could cause serious damage. The operating system will not allow that to happen.



/!\ Please make sure that there is enough water and that the water level is above the minimum required.

/!\ Check the internal water outlets in your MiPod. Water flow can sometimes be restricted by foreign objects such as band-aids or bits of clothing.



If none of the above works, please email the iCool Support team with pictures of your entire set up, your pool and your water level so we can help solve your issue.

Heat Exchange Tanks Frozen Solid

if you set the temperature below about 7°C or 45°F, it is occasionally possible in certain climatic conditions for the heat exchange tanks to freeze solid. This will block most or all the flow of water. It should be understood that in order to cool the pool water to these extremely low temperatures, the system must cool to at least 5°C below the set temperature to allow for losses and this takes it very close to the temperature that water freezes solid. There is an anti freeze circuit in your iCool to prevent this in most cases.

If the tanks freeze up, the system will stop to protect the tanks and the screen will sound and alarm and give advice. Allow 30 minutes for the ice to melt and then set the temperature a little higher (no lower than 8 or 9°C to prevent the tanks from freezing again) and restart. Normally settings above 8°C or 45°F will not freeze the tanks in any conditions.

If extreme freezing temperatures are expected, we recommend adding salt or anti-freeze to the water to lower the temperature at which the water freezes. If not in use, drain unit and store at ambient temperature.

Operating Issues

In the unlikely event that your system shuts itself down for any reason, you must identify and correct the problem that has caused the safety system to operate before allowing anyone to use the iCool. Never restart without identifying and correcting any fault.

MiPod Not Cooling or Heating

Your iCool has several safety systems including one that prevents the gas pressure reaching a dangerous high level. This can only happen if the machine is extremely overheated, in which case the safety valve will vent the refrigeration gas to maintain a safe situation.

If the machine has been operated in very hot conditions, in a confined space or if the airflow has been blocked or partly blocked for a certain amount of time, or if it's placed too close to a wall, towel, source of heat or other object, it may cause the safety system to operate and release the refrigeration gas.

Damage resulting by any of those reasons will not be covered under warranty.

Cold only models: If your chiller is running normally but hasn't changed temperatures after more than 45 minutes, please make sure that the Target Temp is lower than the actual pool temp. Cold only models do not have a heating capacity therefore the temperature of the pool must be higher than the pre-selected temperature.

If your MiPod is not cooling or heating at all but seems to be running correctly, it may most likely be out of refrigeration gas and needs to be re-gassed. Re-gassing can be done by your local refrigeration technician.

Once re-gassed, you must absolutely provide enough ventilation to keep the machine within a safe operating temperature.

“System Too Hot” Warning

Your MiPod can move large amounts of heat per hour. Naturally this heat has to be removed into the air surrounding the system. The powerful fan can normally handle this with ease, however if the air flow around the iCool is restricted so that the heat can not escape, or the outside air temperature is more than 45°C, eventually the system will reach the limit of it's safe operating range. If the temperature inside the cabinet reaches 70°C the safety system will shut it down, sound an alarm and display the warning screen.

Please make sure that the area has a good flow of fresh air. On very hot days when the air temperature is more than 45°C it may not be possible to run the system at full power due to the excessive heat.

Cooling a pool that has previously been heated can also cause a heat overload warning and shut down. This will only occur if the pool is still above 30-35°C. It is good practice to allow the heat to reduce naturally to below 30°C before starting the cooling cycle. This also saves a lot of electricity.

Screen Freeze

This is a very rare issue. If the screen freezes while the iCool is running normally, the main computer will usually still carry on running the system and monitoring the safety features but you will not be able to change anything and the displayed temperatures will not update. You can either allow it to keep running if that is more convenient, or you can restore the system to normal operation by switching off the main power and re starting again.

Screen Not Connecting

Make sure that the data cable is correctly plugged to the screen and to the Electronic Panel Box on the MiPod. You can also try turning the unit OFF and ON again and waiting for 30 seconds. The connection should be automatic.

Software Not Loading

If the software doesn't load for any reason, we recommend turning the unit OFF and ON first to see if that solves the issue. If the issue persists, please contact iCool Support.

Water Leaks

Please note that your unit is a very powerful chiller and condensation will occur inside of it. Water may be visible inside the MiPod in the built-in area, this is completely normal. If necessary, you can place a dripping tray under the unit to catch the overflow water.

Safety Switch Tripping

If your unit is tripping the safety switch, please make sure you are plugging the chiller to the same voltage noted on the side of the chiller.

If that is correct, please check at what stage of the Progress Bar the unit trips and contact iCool Support.

Technical Support

Before contacting iCoolSport, please make sure you have read through the entire manual. Most issues can usually be fixed via email, alternatively, we can offer a factory repair or we can assist in arranging for a local repair agent to do repair works. We will always do our best to get back to you on the same day, however please allow up to 72 hours due to time zone differences.

YOUR MIPOD IS COVERED AGAINST DEFECTS FOR A PERIOD OF UP TO 12 MONTHS FROM DATE OF PURCHASE.

THIS WARRANTY EXCLUDES DAMAGE CAUSED BY ABUSE OR NEGLIGENCE. PLEASE READ ALL CONDITIONS ON THE WARRANTY TERMS STATEMENT AVAILABLE ON OUR WEBSITE.

Obtaining Warranty Service

Any claim under this warranty must be made within 12 (twelve) months of the date of purchase of the product to iCool (Australia) Pty Ltd. Proof of purchase must be supplied when applying for warranty.

Go to www.icoolsport.com/warranty for more details and send the Support Request Form (available in the next page) to support@icoolsport.com with a copy of your original invoice.

To check if your product fault is covered by our Standard One Year Warranty, please check the Product Warranty Statement available on our website.

iCoolSport may offer assistance via email to fix your issue, recommend a local repair service or ask for the unit to be shipped back for repair.

Any repair does not extend the warranty period.

Local Repair

All local repairs must be approved in writing by iCool and if your unit is still under warranty, we will pay our set fee for the service. iCool will not pay for service where the cost of the work was not pre-approved in writing by iCool.

Out of Warranty ? No problem!

If your unit is no longer covered under warranty, you can still email us for support. For fast service, we recommend contacting your local refrigeration technician and they can contact us if they need any guidance.

Online Support

Go to www.icoolsport.com/support and select from the wide range of troubleshooting articles prior to contacting iCool Support.

If your issue is not listed on the website, please fill out the Support Request Form and email it to our friendly Support Team at support@icoolsport.com.

Please allow up to 72 hours for us to get back to you due to time zone difference but we will of course get back to you much sooner in most cases.

iCool-certified Repairs

To get iCool-certified repairs from our iCool Head Office in QLD, Australia, simply send your product to us and we'll assess the issue for you.

Cost

All freight costs will be at your charge (except return freight for approved warranty claims).

Once we have received the product, we will inspect your product usually the same day depending on staff availability and send you a *Repair Estimate*.

In some cases, a repair might be covered by the iCool Standard One-Year warranty. There's no charge if the issue is covered under warranty.

Time of Repair

We always do our best to offer same-day service however if our technician needs more time, you'll be notified.

How to send it?

Safely pack the unit, and if possible, use the original packaging to avoid any transport damage. Make sure to attach a copy of your previously emailed Support Request Form with your unit and that all information has been provided, including contact details.

Size of package: the biggest your package will be, the more expensive it will be to ship.

International returns: your freight company may ask for the value of the item to send it to Australia. To avoid having to pay duties again on your product, we recommend setting it to a maximum of \$100 and making sure to note that it is being returned for REPAIR only and that will be re-exported following the repair. This should avoid import duty both in Australia and in your country.

Once packed, send unit to:

iCool Support
125 Olympic Circuit, Southport,
4215 QLD Australia

Support Request Form

Customer Name/Last Name:

Phone Number:

Email address:

Street Address:

Product Model/Name:

Serial Number:

Retailer - Country and Name:

Date and Proof of Purchase:

Description of the issue:

Images of the issue:

A copy of the original invoice is required for all Warranty Claims.

Please be as detailed as you can as it will help us to find a personalised solution to your problem. Ex: when did the issue started, any noises, context of the situation, has it been occurring consistently, have you tried any solutions on your own.

Please also provide images of the entire set up, pool and screen.

 iCoolsport.com