

LUMI

thermoCT2

CHILLER / HEATER UNIT

USER MANUAL



LUMI

CAUTION

- Do not install the chiller in closets, cabinets, or other small unventilated places.
- Make sure there is 100cm clear space around the chiller vents when in use.
- Never cover the intakes or exhaust openings with clothes, towels, or other objects.
- Never turn, or store the chiller upside down.
- Do not climb, sit, or stand on the chiller, or place objects on top of it.
- Use extreme caution when operating near children, the elderly or infirm.
- Never insert fingers or foreign objects into the ventilation grilles or other parts of the chiller.
- Do not place heavy objects on the power cord or run the cord under carpets or rugs.
- Do not touch, or use the chiller with wet hands.
- The operators of the chiller must be at least 18 years old.

WARNING



Electricity is very dangerous, in order to prevent accidents or death please pay attention to safety and ensure you fully read this instruction manual before use.

1. During and after transportation, the Thermo CT2 Unit must stay upright on a stable surface at all times.
2. After transportation, and before use, the chiller must be left for 24hrs for the refrigeration gas to settle.
3. Make sure there are no water leaks from the Thermo CT2 Unit, or inlet and outlet pipes when connected to the Recovery PRO.
4. Make sure the Thermo CT2 Unit is plugged into an AC socket or extension cable that is suitable for use, properly grounded, has a built in surge protector and preferably is IP65 rated.
5. Ensure the Thermo CT2 Unit is kept dry at all times, do not immerse, splash or spray the unit with water. If the unit does get wet, unplug it immediately and do not use.
6. Never leave the Thermo CT2 Unit switched on when using the Recovery PRO, always ensure the unit is switched off during your cold water therapy session.
7. If the Thermo CT2 Unit stops working or doesn't work when switched on, unplug it immediately and do not use.
8. We accept no responsibility for misuse or failure to use this equipment safely as instructed.



You can use the **Tuya Smart** or **Smart Life** mobile app to control your Thermo CT2 Unit via WiFi. Download the app from the respective app store for your device. Use the QR Code below to start now.

Please note: As these are both 3rd party apps, we accept no responsibility for incompatibility or issues when using this with your LUMI Thermo CT2 unit.



Tuya Smart



Smart Life

At present, Tuya Smart can only support 2.4G WiFi signal. Therefore, before connecting the phone to the chiller, please confirm that the WiFi used by your phone is in the 2.4G frequency band. It will not be able to connect to the chiller if it is in the 5G band.

Follow this QR Code for our
product guides and videos
YOUR JOURNEY BEGINS!



TAKE A MOMENT TO FIND OUT WHAT'S IN THE BOX

1. 1 x LUMI Thermo CT2™ External Chiller / Heater Unit
2. 3 x Washable high-density particle water filters
3. 1 x Washable hair filter
4. 2 x Water Pipes
5. 1 x Power cable
6. 1 x Fittings and Accessories Pack



UNPACKING YOUR LUMI THERMO CT2 CHILLER

1. First find a suitable ventilated area and flat solid surface to unpack and set up.
2. Complete the steps in the QUICK START GUIDE to assemble your LUMI Thermo CT2™.
3. Read carefully through this user manual before using the LUMI Thermo CT2™.

CUSTOMER SUPPORT

If you have any questions about setting up or using your LUMI product, please visit our website for further information, faqs, troubleshooting and customer support.



TRUST THE PROCESS

We always end up
right where we are
supposed to be,
right when we are
meant to be there.

Sometimes we just
need a little time
to recover.

#lumitherapy

QUICK START GUIDE

SETTING UP THE THERMO CT2

1. Ensure you have assembled your **LUMI Recovery PRO™** ice bath first before continuing.
2. Place the **Thermo CT2™** chiller on a stable surface near to the **LUMI Recovery PRO™** ice bath.
3. Connect both the **Inlet** and **Outlet** water pipes, and ensure the valves are 'hand tight'.
4. Next, ensure the **hair filter** is installed and filter is fully secured using the supplied wrench.
5. Insert the **blue particle water filter** into the bottle, and ensure the bottle is 'hand tight'.

WHEN FILLING WITH WATER

- Your **LUMI Recovery PRO™** can be filled with cold or hot water, up to a maximum temperature of 50°C. Always start filling with room temperature water first, adjusting to your desired temperature as the **LUMI Recovery Pod™** gets closer to full.
- Never fill your **LUMI Recovery Pod™** to more than $\frac{2}{3}$ full so to compensate for your body mass and displacement of water when you enter. It's always best to start $\frac{1}{2}$ full and then adjust afterwards.

SWITCHING ON THE THERMO CT2

1. Plug in and switch on the **Thermo CT2™** unit, the unit will self-prime until its ready to use.
2. Once the chiller has finished its priming cycle it will start to chill and filter the water within a few minutes.
3. It can take up to 3-4hrs to chill the water from 18°C down to a frosty 3°C.
4. Once the desired temperature is reached, switch off the **Thermo CT2™** unit before starting your cold water therapy session.

TOUCH SCREEN & WIFI ENABLED

You can control your LUMI Thermo CT2 unit either via the built in touch screen or WIFI enabled mobile app for ease of use.

BUILT TO LAST

The LUMI Thermo CT2 housing is built with a strong lightweight steel frame and finished in a easy to clean black powder coated finish.

WATER FILTER BAY

This is where you install the high-density particle water and hair filter.

WATER FILTERS

The LUMI Thermo CT2 not only chills but helps keep your ice bath water clean with a washable high-density particle water and hair filter.

PLUG & PLAY

Quality built hoses easily connect between the LUMI Thermo CT2 and the LUMI Recovery PRO ice bath, circulating fresh, clean, cold water.





QUALITY BUILD

The Lumi Thermo CT2 unit is the industry's best chiller/heater and filter combination, low maintenance, made to last, with insulated housing and quality built components.

SUPER COOLING & HEATING

The LUMI Thermo CT2 unit keeps the water as cool as 3°C (37°F), and can warm the water up to 42°C (107.6°F).

PORTABLE

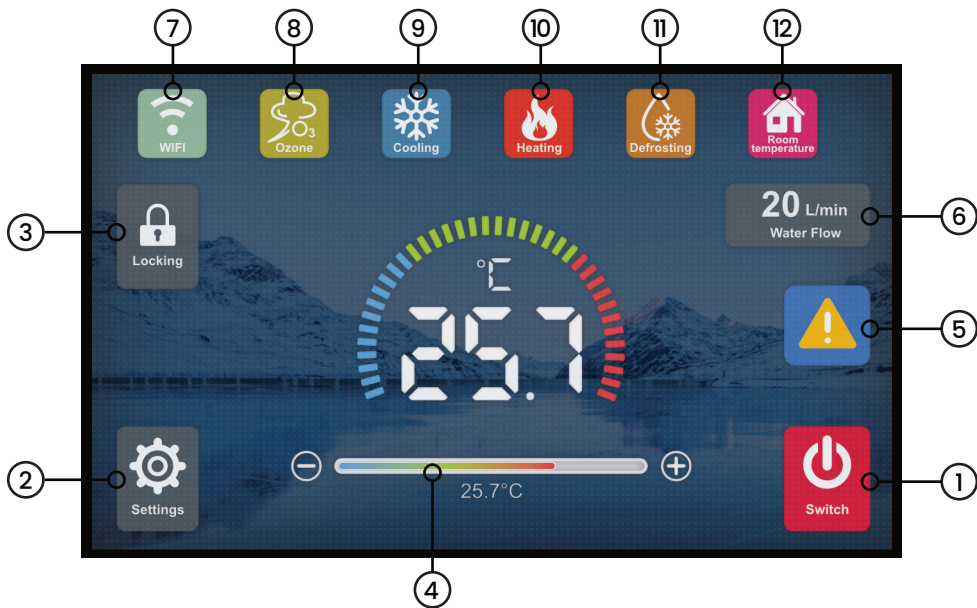
Unlike some ice bath chillers on the market, the LUMI Thermo CT2 unit sits on heavy duty lockable castors for easy positioning.











LUMI
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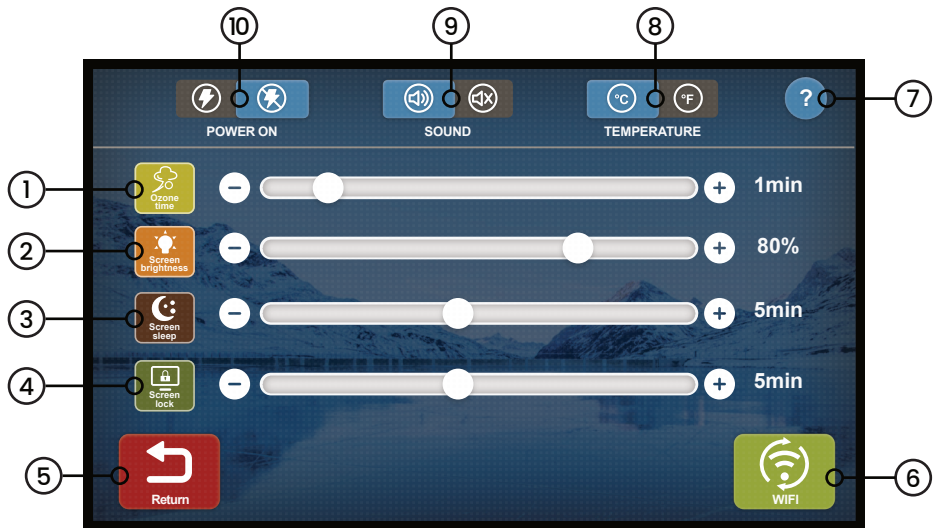
THERMO CT2 OPERATION GUIDE






1. Press  to turn the Thermo CT2 on/off.
 2. Press  to enter the second screen.
 3. Press  for 3-5 seconds to lock, or unlock.
 4. Press  or  to set the temperature
 5.  will be displayed if there is an failure.
 6. Displays the current water flow.
- 10 & 11 will only display when heating.

TOUCH PANEL INTRODUCTION

1. Adjust the Ozone working time interval: **0 mins, max 5 mins**
2. Adjust the screen brightness: **min 10%, max 100%**
3. Adjust the screen sleep time: **0 mins, max 5 mins**
4. Adjust the screen lock time: **0 mins, max to 5 mins**
5. Press to return to previous screen
6. Long press to enter the WiFi function (connect to Tuya or Smart Life)
7. Press to show the help QR code, scan this for technical support
8. Temperature unit switching: °C or °F
9. Mute the button sound: **On / Off**
10. Power on, automatic function: **On / Off**



ENABLE WIFI REMOTE CONTROL PAIRING MODE

1.  Turn on the **Thermo CT2™** chiller
2.  Press the Settings button
3.  Press and hold the **WiFi button** for 3-5 seconds, until the WiFi button starts flashing

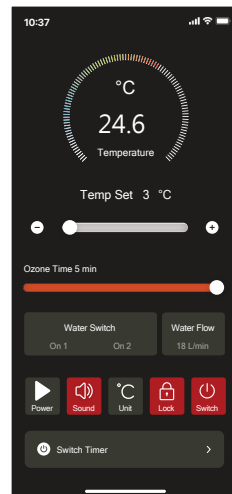
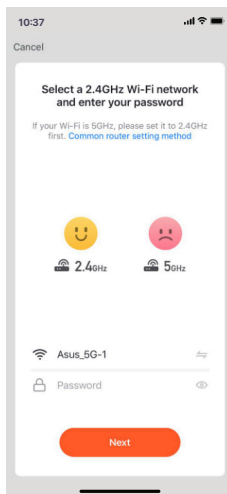
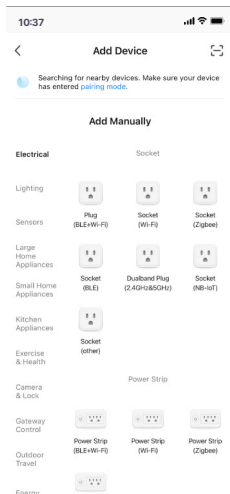
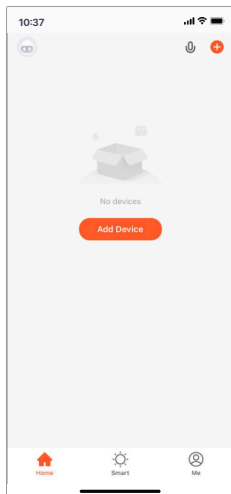


PAIRING THE TUYA MOBILE APP TO THE THERMO CT2 CHILLER

1. Ensure your mobile WiFi is switched on
2. Open the Tuya app (or Smart Life) on your Apple iOS/Android phone
3. Select 'Add device' (app auto-detects if the chiller is in pairing mode, else choose manually)
4. Choose your WiFi connection and enter your WiFi password
5. Once connection has been established, you can then enter the chiller app control panel



Tuya Smart



SAFETY & USAGE NOTES

MAINTENANCE, CLEANING & STORAGE

1. Never install your **Thermo CT2™** unit in closets, cabinets, or other small unventilated places.
2. Ensure there is **100cm clear space** around the **Thermo CT2™** unit vents when in use.
3. Never leave the **Thermo CT2™** unit outside in temperatures **below 1°C**.
4. Never clean your **Thermo CT2™** unit with strong bleach-based detergents.
5. To empty your **Thermo CT2™** unit, use the drain tap located at the rear of the unit. Take care with the drain tap, don't force it and make sure it is fully closed after use.
6. Though not essential, to ensure a long service life and for hygiene purposes, we recommend draining, cleaning and drying your **Thermo CT2™** every two to three weeks.



SPECIFICATIONS

Model No.	LUMI Thermo CT2 Chiller / Heater unit (LM-06-HC)	
Power Supply	AC100-127V 60Hz	AC220-240V 50/60Hz
Input Power	640W	610W
Compressor Power	505W	480W
Cooling Capacity	1520W	1450W
Heating Function	Optional	
Cooling Function	Yes	
Refrigerant	R410A	
Water Temp.	3 - 42°C / 37.4 - 107.6°F	
Disinfection	Built-in Ozone disinfection device	
Circulation Pump	Built-in self-priming system	
Water Filter	Installed (external)	
WiFi Remote Control	iOS & Android Mobile app	
Transport Wheels	Yes	
Carry Handles	Yes	
Quick Connectors	Yes	
AC Plug	UK	
Net Weight	30kg	
Dimensions	43(L) x 33(W) x 48(H) cm	
Certification	CE	

SPECIFICATIONS CONTINUED

Model No.	LUMI Thermo CT2 Chiller / Heater unit (LM-06-HC)	
Water Volume & Cooling Time (23°C to 5°C) For reference only	50 ≤ 1.5H 100 ≤ 3.1H 200 ≤ 5.2H	50 ≤ 1.9H 100 ≤ 1.7H 200 ≤ 5.6H
	Above data based on testing in closed insulated ice barrel, 30°C room temperature	
Main Features	Suitable for indoor & outdoor use	Automatic on/off
	Cooling & heating	Anti-freeze system
	5" TFT touch screen panel	Built-in self-priming circulation pump
	WiFi remote control via iOS & Android app	Water and electricity separating system
	Clean design with low output noise	Leakage protection system for electricity
	Constant temperature system	Overloading protection
	Built-in Ozone disinfection device	Overheating protection
	Washable high-density particle water filter	Max. cooling capacity in specified spaces
	Washable hair filter	Fault prompt function, solve issues quickly
Easy to install quick connecting hoses	2 Year limited warranty	

HOW LONG SHOULD YOU STAY IN COLD WATER?

Cold water therapy works best with the right combination of time and temperature. For example, if you are in water with a temperature of 10°C, we would recommend you stay for no more than 10mins.

Temperature to Time examples:

- 1°C = 1 minute submersion
- 2°C = 2 minutes submersion
- 3°C = 3 minutes submersion
- 5°C = 5 minutes submersion
- 10°C = 10 minutes submersion
- 15°C = 15 minutes submersion

Follow this QR Code to access our quick breathing guide to help you get started with your cold water therapy experience



PRODUCT SPECIFICATIONS

LUMI
thermoCT2
CHILLER / HEATER UNIT



Unit

30kg weight

43(L) x 33(W) x 48(H) cm

220-240V AC input

1450W cooling

1550W heating

R410A refrigerant

Safety shutoff

Specifications

Portable 'all-in-one' contained unit

WiFi enabled remote control system (mobile app)

Self-priming circulation pump

Washable high-density particle water filter

Cools water down to 3°C (37°F)

Heats the water up to 42°C (107.6°F)

Minimum working temperature -10°C (14°F)

Made in China

LUMI

thermoCT2

CHILLER / HEATER UNIT

Access our library of free personal training videos and guides on our website to learn how to get the most out of your LUMI product and achieve the results you want.

**THERE
ARE NO
LIMITS**



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