

nUBIS®

nUBIS® Chiller

USER MANUAL **EN** ICE BATH CHILLER



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1. INTRODUCTION

Thank you for choosing Nubis Chiller.

Chillers for ice baths represent a critical innovation in the realm of therapeutic and performance-enhancing practices. Ice baths have long been utilized by athletes, physical therapists, and medical professionals to facilitate muscle recovery, reduce inflammation, and improve overall physical well-being. The traditional method of manually preparing ice baths with bags of ice is not only time-consuming but also lacks precise temperature control.

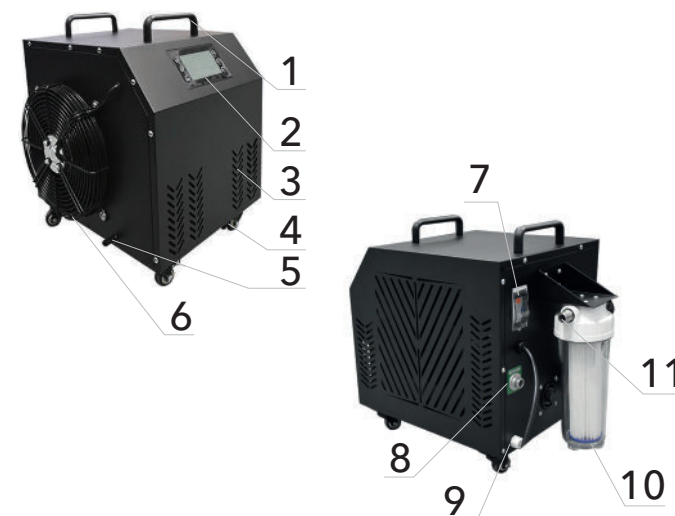
NubisChiller, specifically designed for ice baths, revolutionizes this process by providing a consistent and controllable cooling environment. These advanced systems ensure that the ice bath maintains an optimal therapeutic temperature, enhancing the efficacy of the treatment. NubisChiller is engineered with state-of-the-art technology, incorporating features such as rapid cooling, digital temperature control, and energy efficiency, making it indispensable tool in modern sports and rehabilitation facilities.

In order to use NubisChiller correctly and safely, it is important to read these User manual carefully before starting to use the product.

2. PRODUCT OVERVIEW

NubisChiller consists of:

1. Handle
2. LCD Control panel
3. Cooling holes
4. Universal wheel
5. Condensation drain
6. Cooling fan
7. RCD device
8. Water outlet
9. Drain
10. Filter
11. Water inlet



ACCESSORIES:



Inner Strainer
Wrench



Filter Elements
(Optional)



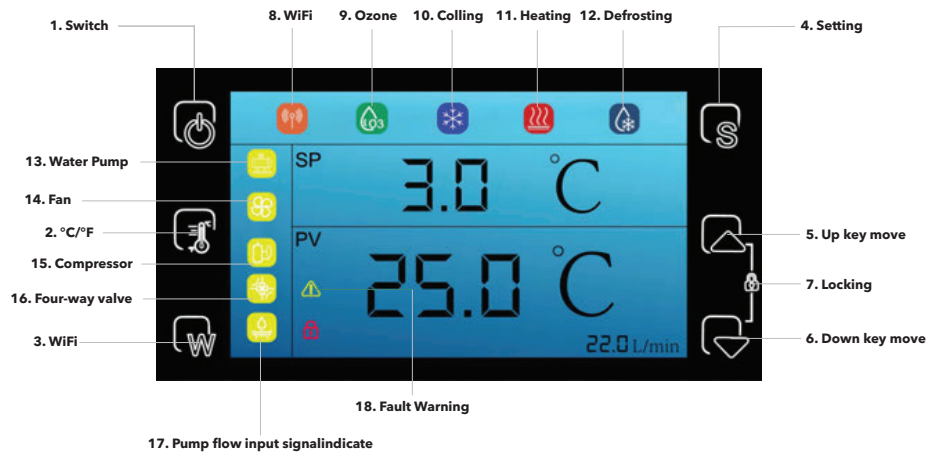
Water pipes



(Inner teeth 3/4")
(Outer Teeth 1/2")
Quick Connectors

3. KEY SCREEN INTRODUCTION

- Switch**
Long press to power on or off.
 - °C / °F**
Long press to switch temperature units: Fahrenheit/Celsius.
 - WiFi**
Long press to configure the network. The WiFi icon will blink during configuration, and the icon will remain steadily lit once network configuration is successful.
 - Setting**
Start temperature setting/confirm current temperature value.
 - Up key move**
Move cursor up/increase temperature (long press for 5 seconds to activate heating mode, the heating icon will blink 5 times).
 - Down key move**
Move the cursor down to decrease the temperature (long press for 10 seconds to restore factory settings; this button is disabled during power-up operation).
- Automatic power-on when connected to electricity: Press button 2, then long press button 3.
 - Activate ozone sterilization: Press button 3, then long press button 2. Adjust the time using buttons 5 and 6.
 - Remarks: 5, 6 Press the up and down buttons at the same time to open the child lock, and press the up and down keys to unlock the child lock.



4. WiFi DESCRIPTION

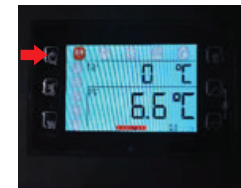
- Turn on the chiller.
- Click the settings key.
- Press WiFi key for 3-5 seconds until the WiFi blinks.
- Open the Tuya Smart App on your phone.
- Select add device.
- Turn on your phone's WiFi connection and enter password.
- Succeeded in adding a link, enter the App control panel.



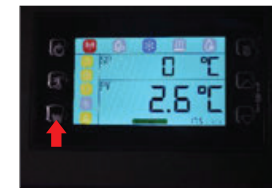
Smart Life



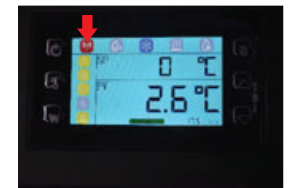
Tuya Smart



1



2



3



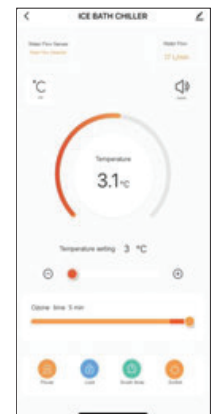
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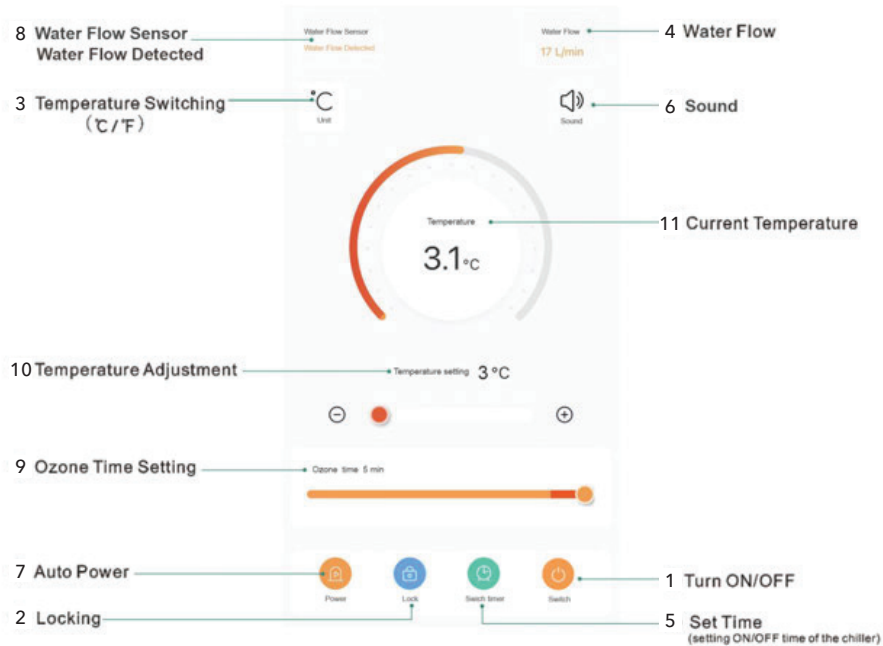
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5. TUYA SMART INTERFACE INTRODUCTIONS

1. Turn on/off (Turn ON/OFF the chiller)
2. Locking (panel lock/unlock)
3. Temperature unit switching (°C / °F)
4. Water Flow
5. Set Time
6. Sound (ON/OFF)
7. Power-on automatic operation ON/OFF
8. Water Flow Sensor / Water Flow Detected
9. Adjust the Ozone working time interval: 0 min (close) and max to 5 min
10. Temperature adjustment (3-42 °C / 37-107 °F)
11. Current Temperature



Note: At present, Tuya 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 frequency band.

6. PIPELINE CONNECTION

1. Rinse the internal piping of the chiller: With the chiller unplugged, pour clean water into the inlet of the chiller (located at the upper part of the chiller). The water will flow out from the outlet (located at the lower part of the chiller), which will rinse the inside of the chiller. Then remove the filter bucket, empty the water inside, and rinse the filter element.
2. Inflate the bathtub: Place the bathtub in the appropriate position and use a pump to inflate it until it reaches the desired firmness.
3. Connecting the Chiller to the Bath Tub
 - Disconnect Power Supply: Ensure the chiller is not plugged in.
 - Install Filter
 - Connect Tubing: Connect the tubing to the bath tub.
 - Inspect Seals: Check that the gaskets in each threaded connection are present and intact.
 - Secure Connections: Tighten the threaded connections to prevent leaks.

4. Filling the Bath Tub

- Add Water: Fill the bath tub with clean water until it reaches the desired level for use.

5. Establishing Water Circulation

1. Power Connection: Plug in the chiller.
2. Start Pump: Turn on the circulation pump and wait for steady water flow at the inlet of the bath tub (located at the upper part of the bath).
3. Verify Flow: Once the water circulation is smooth, you can proceed to control the temperature settings. If the circulation pump fails to start and makes a buzzing sound, it may be due to gas blockage in the pipeline. Please turn off the chiller first, place a small bucket under the large filter bucket to receive water, and loosen the thread of the large filter bucket (it needs to be very loose, almost to the point where the filter bucket is about to fall off) to allow the gas to communicate with the atmosphere. Turn on the chiller, turn on the water pump but do not turn on the compressor. When the water in the filter tank is full and naturally overflows, tighten it again to discharge the gas in the pipeline.



- **No Power Without Water:** Do not power the chiller when the bath tub is empty.
- **Don't open Compressor Before Proper Circulation:** Do not turn on the compressor until the water circulation is fully established and flowing smoothly.
- **Voltage Check:** Before connecting the chiller to the power supply, verify that the voltage rating on the nameplate matches the voltage available at the location.
- **Proper Ventilation:** Ensure the exhaust fan of the chiller is not directed towards a wall or obstruction to prevent hot air from accumulating around the unit.

7. PRECAUTIONS

1. Do not block the fan outlet of the room. Otherwise, it will reduce the heating and cooling effect and waste power.
2. It is forbidden that the equipment is not clean. Regularly check and clean the equipment and filtering device.
3. It is forbidden to touch the fan during the operation of the equipment to avoid hurting fingers.
4. Pay attention to whether the rated voltage of the product is consistent with the power supply voltage of the home.
5. During the operation of the equipment, it is not allowed to touch the switch with hands, let alone the electrical components.

CAUTIONS:

- Do not turn the chiller upside down.
- Do not use without filter element installed.
- Make sure there is more 100cm free space around the chiller.
- Working Temperature: 1°C~45 °C
- Storage Temperature: -20 °C~55 °C
- Storage Relative Humidity: 20%~85%
(Make sure that there is no water in the internal pipeline of the chiller)
- Do not install the chiller in closets, cabinets, or other small places.
- Never cover the intake or exhaust openings with clothes, towels, or other objects.
- 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 it under carpets or rugs.
- Do not climb, sit, or stand on the chiller, or place objects on top of it.
- The operators of the chiller must be at least 18 years old.

8. WARRANTY AND LIABILITY

8.1. Warranty:

- The warranty period is 1 year. It starts with the day of Purchase.
- Should any repairs be necessary during warranty period, the customer must inform Airfun d.o.o. or your local dealer. The warranty must be verified by purchase invoice.
- The warranty obligates Airfun d.o.o. to carry the costs of repair of components which might fail during normal use inside the warranty period.
- Warranty is not applicable for defects or poor performance in following cases:
 - In the event of customer's improper use or neglect of Nubis Chiller;
 - If customer doesn't follow requirements and recommendations of this User manual;
 - If any modifications or repairs are carried out by non-qualified service personnel, unauthorized by the manufacturer.

8.2. Repairs and Spare parts:

- Service is carried out by Airfun Chiller partner Crioterapia in one of their EU service locations: Milano (IT), Bordeaux (FR), Lodz (PL) and Nuremberg (DE) or by its authorized technicians from local dealers.
- Spare parts available based on request.

8.3. Product liability:

The manufacturer or its suppliers or resellers cannot be liable for any consequences incurred by the user, the patient or the product itself as a result of improper use of the product, wrong interpretation or non-observance of this user manual, repairs carried out by unauthorized personnel.

9. TECHNICAL DATA

Main Technical Data Sheet		
Product Name	NubisChiller	
Power Supply	220-240VAC 50/60Hz	
Input Power	1060W	
Compressor Power	900W	
Cooling Capacity	2450W	
Heating Function	3800W	
Cooling Function	Yes	
Refrigerant	R410A	
Water Temperature	3-42 °C adjustable	
Disinfection	Built-in High-efficiency Ozone	
Circulation Pump	Built-in MANUAL priming system	
Water filter	External, easy to remove	
Remote control	Android APP, WIFI	
Transport wheels	Yes	
Carry handles	Yes	
Quick Connectors	Yes	
Net Weight	35KG	
Product Dimension (cm)	L62* W42,5* H56	
Certification	CE	
Cooling Time (From 23 °C to 5 °C)	200L≤3.1h 500L≤7.2h	
Main features	Low Noise	Electrical overloading protection
	Built-in Self-priming Circulating Pump	Anti-freeze System
	Leakage Protection System far Electricity	Overheating Protection
	Automatic Start-stop and Constant Temperature Control	External water filter-with remouvable canister
	IP protection for exernal use	Hose pipe with quick connectors
	WiFi Connection	Remote Control by iOS & Android APP