



ALPINECHILL™

ALPINECHILL™



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Welcome

Welcome to the world of cold immersion therapy with the AlpineChill™ Unit! We're thrilled that you've chosen our product to elevate your wellness experience.

Taking the admin out of cold therapy. Discover the epitome of user-friendly and powerful chilling with our state-of-the-art Chiller Unit. Experience the luxury of consistent low temperatures that keep you at the peak of your game. This manual is your go-to resource for understanding and getting the most out of your AlpineChill™ Unit.

While we've taken great care to ensure the accuracy of this manual, Alpine Spas™ reserves the right to make improvements or modifications to our products and specifications without prior notice. If you have any questions about this manual or your AlpineChill™, our team at Alpine Spas™ is here to assist you. For additional details, including terms and conditions, please visit our website. Thank you for choosing Alpine Spas™ – we're dedicated to helping you make the most of your ice bath experience.

Cheers,
The Alpine Spas Team



ALPINECHILL™

Warranty & Cautions

Warranty

Here at Alpine Spas, we take great pride in the quality and reliability of our products. Our AlpineChill™ unit is backed by a 2 Year warranty which can be found on our warranty pages below.

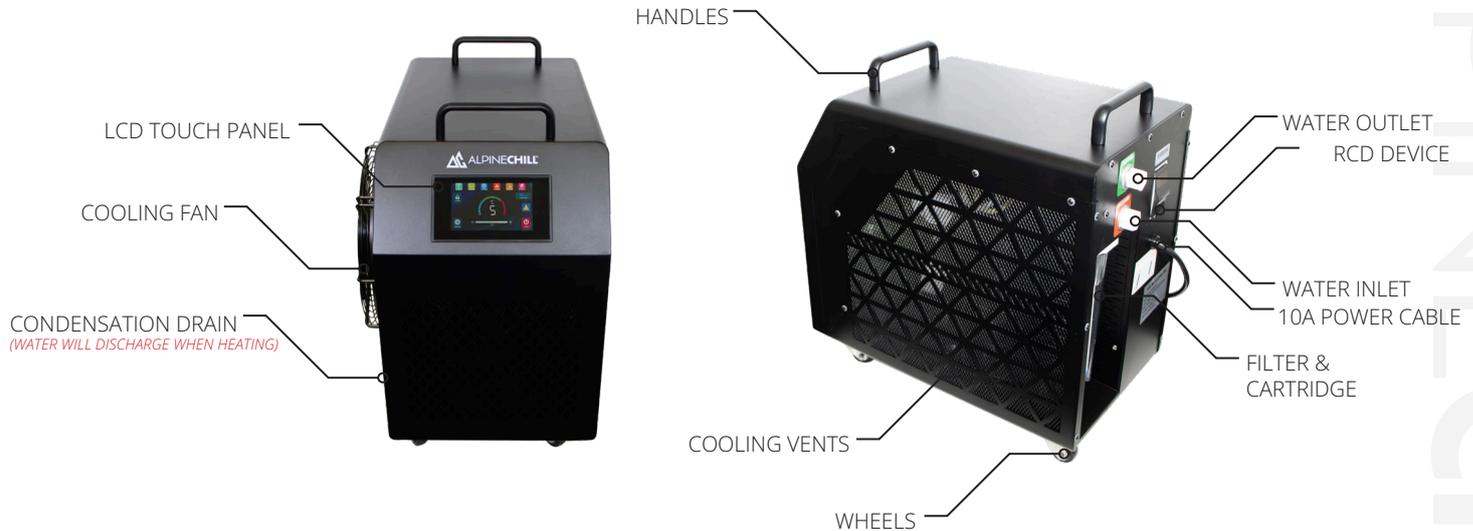
New Zealand
Personal warranty - alpinespas.co.nz/warranty

Australia
Personal warranty - alpinespas.com.au/warranty

Caution

- Do not turn the chiller upside down or on its side
- The AlpineChill™ unit contains refrigerant therefore needs to be stored and transported upright.
- Do not use the chiller without the filter installed
- Ensure there is a clearance of 50 centimeters around the chiller to allow sufficient air flow for optimum efficiency
- Water will be discharged from the condensation drain when heating
- Do not block or obstruct the air intake and exhaust vents.
- Avoid placing the chiller in direct sunlight or near heat sources
- Always disconnect the power supply before performing any maintenance or cleaning.
- If you notice any unusual noises, odors, or performance issues, immediately turn off the chiller and contact customer support.
- Keep children and pets away from the chiller while it's in operation.
- In case of an electrical malfunction, use only authorized service personnel for repairs.
- Avoid using the chiller in extremely humid or excessively dusty environments.
- Never attempt to disassemble or modify the chiller's internal components.
- Ensure that the chiller is placed on a stable, level surface to prevent tipping or accidents.
- Regularly inspect the power cord for any signs of damage, and replace it if necessary
- The AlpineChill™ unit is rated to IPX4 - Resistant to water splashing from any direction. We strongly advise to keep it under cover when not in use, wiping down any accidental splashes

Componentry



INCLUDED ACCESSORIES



PLASTIC WRENCH



FILTER X3



WATER HOSE X2



SPARE RUBBER SEALS



SCREWDRIVER

ALPINECHILL™

Connecting the Hoses

Connecting your AlpineChill™ to your Alpine Spas Apollo Ice Bath

If you have purchased the AlpineChill™ unit with an Alpine Spas Apollo connecting the unit to the ice bath can be done in a few minutes with no tools required. Simply follow the instructions below to attach the two hoses. The connections on the Apollo are not coloured or labelled. Much like a heat-pump, the AlpineChill™ requires 50cm of clear space around each side of the cooling unit to ensure optimal airflow. As the unit cools the metal fittings will shrink, resulting in loosening of the connections. Continue to tighten the connection points to prevent leaking.



The hoses are identical and can be used on either INLET or OUTLET. Thread one end of a hose onto the INLET located on the rear of the chiller.



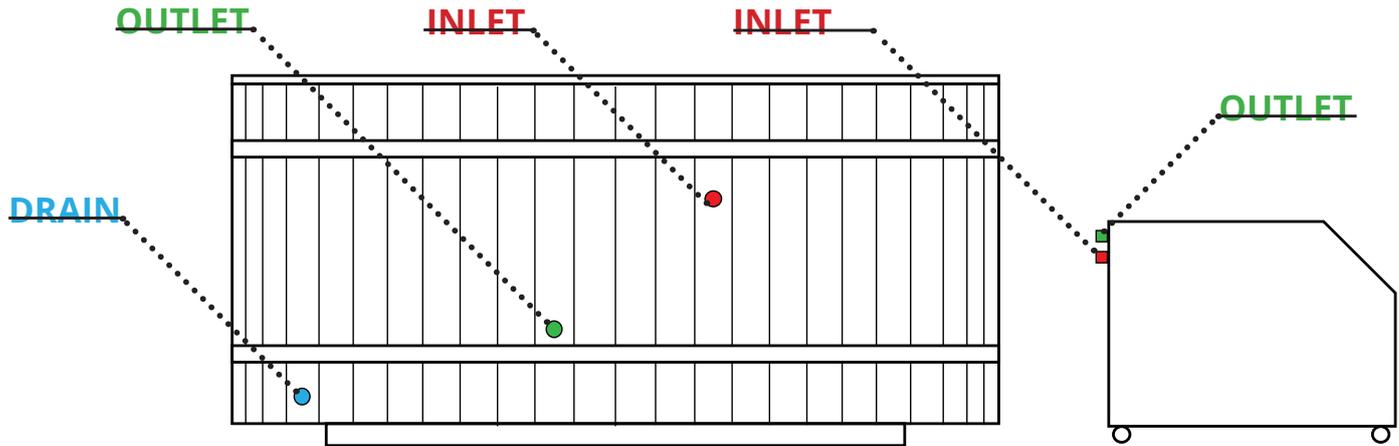
Then connect the other end of this hose to the INLET connection point on the Apollo.



Next, using the second hose, thread one end onto the OUTLET on the rear of the chiller. Then thread the other end of the hose onto the BOTTOM connection point on the Apollo. Excess hose should be coiled up and placed between the chiller and the ice bath to prevent becoming a trip hazard.

Connecting the Hoses

Connecting your AlpineChill™ to your Alpine Spas Apollo Ice Bath



Specifications

Refer to the specification table below.

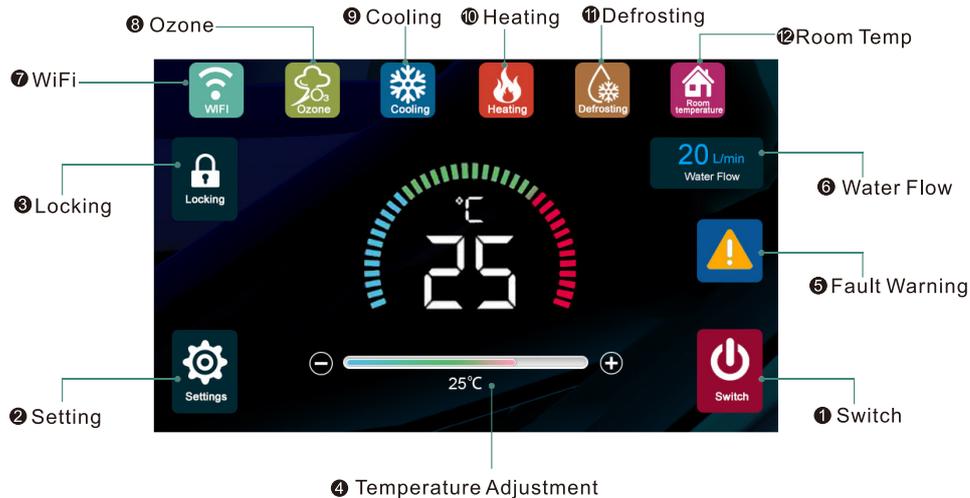
Specification	Alpine Chill
Dimensions (mm)	530x379x584mm (LxWxH)
Weight (kg)	45kg
Power Requirements (220-240V)	710W / 10A
Power Plug	AC 10A
Water Temperature Range*	3°C - 40°C
Filtration system	Filter + Ozone
WiFi Compatibility	Android & IOS System
Hose connections	1/2" BSP Connector



Touch Panel Introduction

LCD Touch Panel Controls

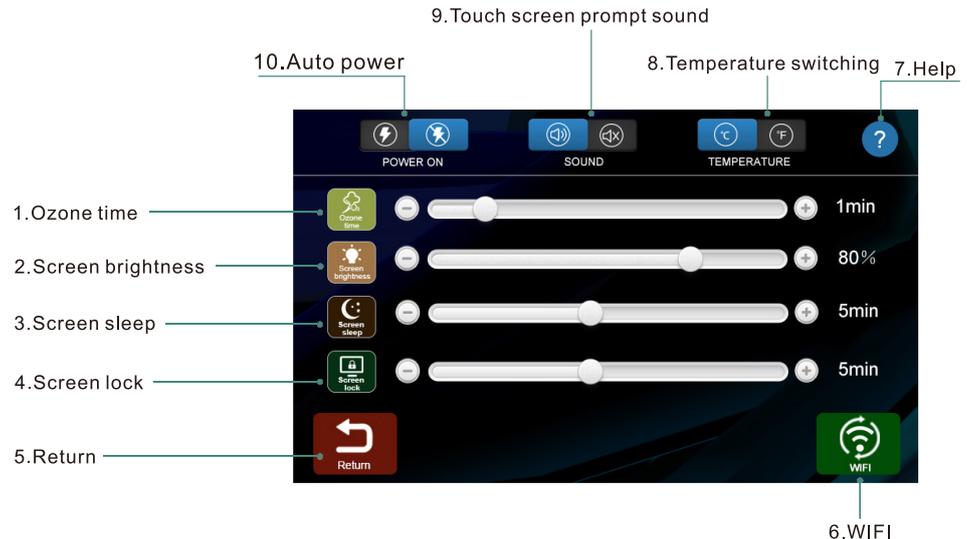
1. Press once to turn the unit ON/OFF
2. Press to enter the settings menu
3. Hold for 3 - 5 seconds to lock and unlock the screen
4. Press the + or - to change the set temperature
5. This will be displayed when there is a fault (Refer to Troubleshooting)
6. Displays the current water flow (L/min)
7. The status icons (7-12) will only appear on screen when the current function is operating



Touch Panel Settings

LCD Touch Panel Settings Menu

1. Adjust the Ozone working time interval : (0 - 5 minutes, runs once every 30min)
2. Adjust the screen brightness: (10% - 100%)
3. Adjust the screen sleep time: (0 - 5 minutes)
4. Adjust the screen sleep lock: (0 - 5 minutes)
5. Press Return button to go back to the main screen
6. Hold the WiFi button down for 3 - 5 seconds to enter the WiFi settings
7. Click the help icon to display the QR code for the manual/ troubleshooting
8. Change the temperature unit: (°C/°F)
9. Change the sound option: (ON/OFF)
10. Enable/disable the Auto Power on operation



WiFi Introduction



Downloading the Tuya Smart App

AlpineChill™ uses the Tuya Smart App to allow you to remotely control certain functions of the chiller unit. The Tuya app can be downloaded from the Google Play Store or from the Apple Store. Scan the QR code for a link to the app download page. Please confirm that the WiFi used by your phone and router is set-up on the 2.4G frequency as you will not be able to connect to the AlpineChill™ unit on a 5G frequency. Refer to the 'WiFi Set-up' instructions on the next page to get started!



Creating a Tuya Smart Login

You will be required to create a login to Tuya Smart to access these features. Once you have downloaded Tuya Smart, open the app and click 'Sign Up' and follow the on-screen instructions.



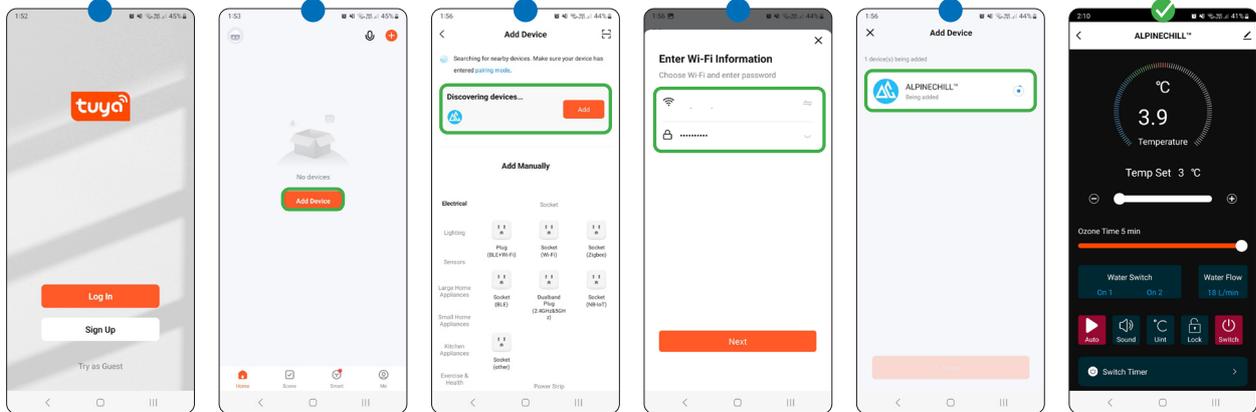
WiFi Set-up

LCD Touch Panel Settings Menu

Before you begin, you must have the Tuya Smart App downloaded, your phone's WiFi is ON and connected to your 2.4G home signal, your Bluetooth is ON and set to be discoverable.

1. Turn the AlpineChill™ unit on
 2. Open the Tuya Smart App on your device and login (A login is required to proceed)
 3. Enter the settings menu on the AlpineChill™ unit
 4. Hold the WiFi button down on the AlpineChill™ unit for 3 - 5 seconds to enter the WiFi settings
 5. In the Tuya Smart App select 'Add Device'
 6. Then select 'Add' beside 'Discovering devices' (If this doesn't appear, your Bluetooth or WiFi may be turned OFF)
 7. Enter your 2.4G WiFi connection password and click 'Next'
 8. The AlpineChill™ unit will then be added to your devices (this may take a minute), be sure not to walk away from the unit or out of WiFi range
- If you are having issues discovering the AlpineChill™ in the Tuya Smart App, the unit may be too far away from your WiFi signal, move the unit closer to your WiFi & attempt to reconnect it.

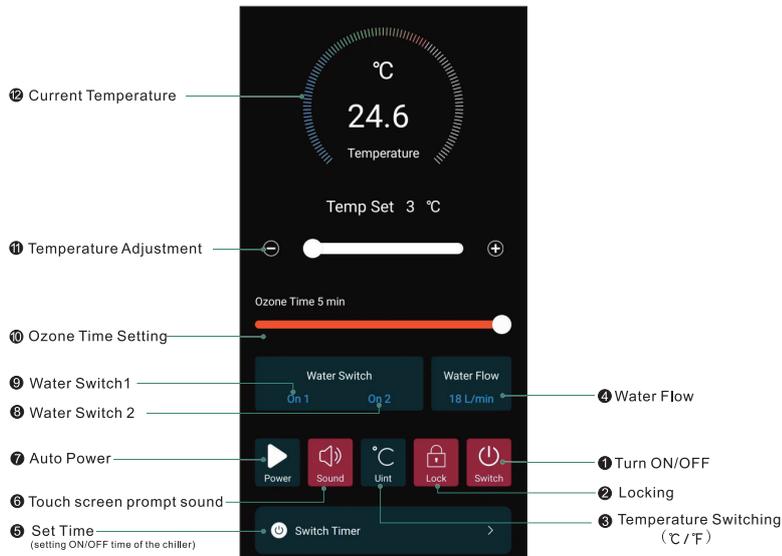
Turn on Bluetooth



Tuya Smart Interface

Controlling your AlpineChill™ Using the App

1. Turn the unit ON/OFF
2. Press to LOCK the touch panel
3. Switch temperature unit between °C/°F
4. Current water flow display
5. Set-up or change a schedule
6. Turn the screen prompt sound ON/OFF
7. Turn automatic operation ON/OFF
8. Water switch 1 status (Not used)
9. Water switch 2 status (Not used)
10. Adjust the Ozone working time interval (0min - 5min)
11. Adjust temperature (3-42°C / 37-107°F)
12. Current temperature

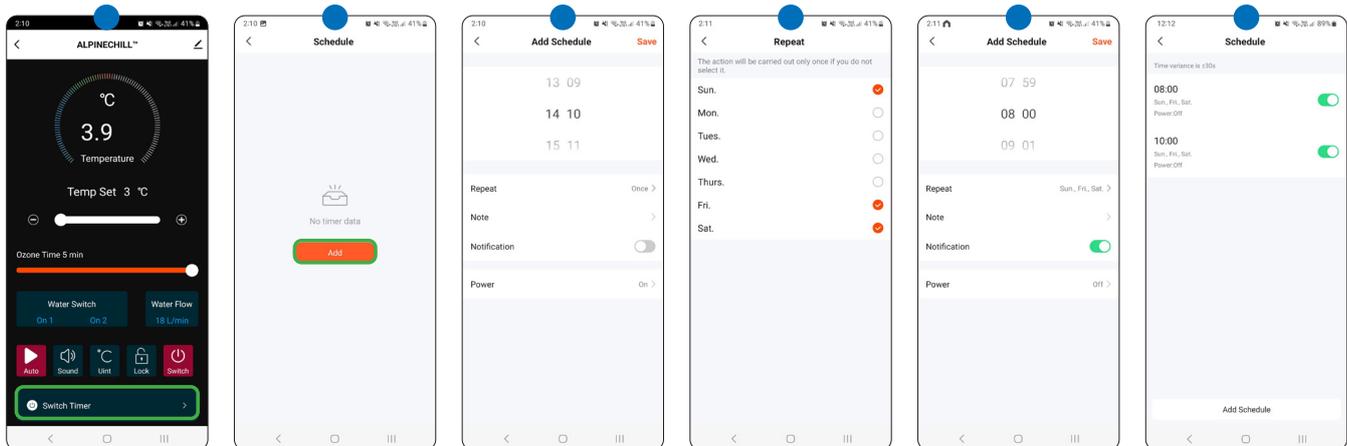


Scheduling the Timer

How to Schedule the Timer on the Tuya Smart App

Setting up scheduled timers can be an extremely useful tool if used correctly. Each schedule can be set at any time and on any day of the week. To set the schedules correctly, you will need to create two schedules, one to turn the unit on, 'Power = ON' and one to turn the unit off 'Power = OFF'. The 'Auto-Power' button needs to be ON for the scheduled timers to work. 

1. Press 'Switch Timer' to enter the schedule menu
2. Select 'Add' to create a new schedule
3. Select your desired time by scrolling up or down
4. Select what days of the week you want to schedule in. You can add a 'Note' to the schedule if required
5. Toggle the 'Notification' switch if you want to be notified when the schedule engages or disables. Click 'Save' to confirm the schedule 
6. Once saved, you can toggle the ON/OFF switch on each individual schedule 



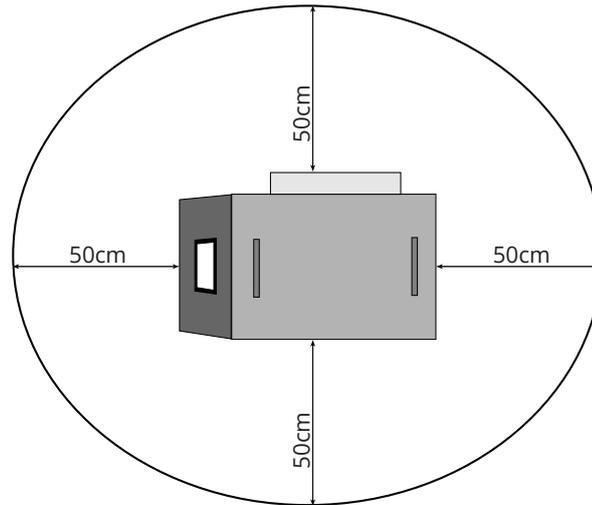
Positioning

Positioning your AlpineChill™

Much like a heat-pump, the AlpineChill™ requires 50cm of clear space around each side of the cooling unit to ensure optimal airflow. If you are using an outdoor location, choose a flat and level surface that is sheltered from the wind and direct sunlight. If you have purchased the AlpineChill™ unit, you may also want to consider how you will protect it from the rain. While it is rated to IPX4 (Resistant to water splashing from any direction), we strongly advise to for it to be kept under cover or taken indoors when not in use.

Condensation is also a factor to consider. While the unit cools the water, the hoses and filter cartridge get cold and will begin to condensate when in a warm, humid environment. This will result in condensation dripping off the hoses, connections and filter cartridge. We recommend using a bath mat or towel under these areas to capture the condensation.

The AlpineChill™ is dependent on the temperature outside. AlpineChill™ has been tested to get to 3 degrees after 4 hours of chill time, on a 20 degree ambient day with no direct sunlight into the tub. If your Ice Bath has been outside all day in warm weather, it may take some time to bring the water down to your desired temperature.



TOP VIEW

Filters

Maintaining your AlpineChill™

The AlpineChill™ contains one Outer filter including an ozone treatment system and an inner stainless steel mesh debris catchment. Regular maintenance is key to ensuring optimal performance and longevity of your AlpineChill™.

Be sure to cover your Ice Bath between uses to keep dirt and debris from the environment entering the water. We recommend replacing the outer filter as needed as part of your routine maintenance. Whenever your flow rate falls below 17L/Min we recommend that you remove and clean the inner stainless steel mesh catchment.

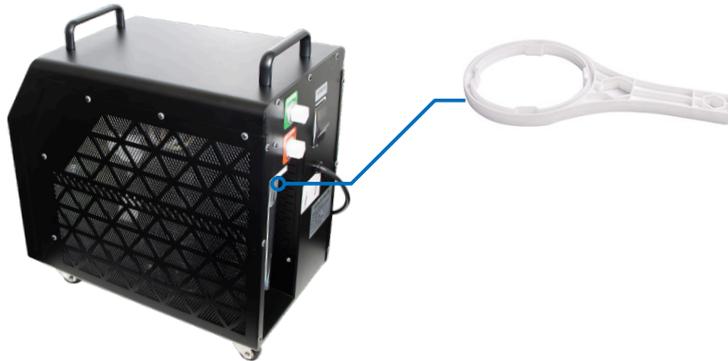
However, if you are using the chiller extensively, such as in a high-usage environment, it's advisable to replace the outer filter every 2 weeks and keep an active eye on the flow rate to guide the cleaning of the inner stainless steel catchment.

As your Ice Bath does not contain any chemicals like you would find in heated spa pools, regular water changes combined with filters are essential for keeping the water clean and safe. Over time, they can become blocked and contaminated with debris, which not only impacts the chiller's efficiency but can also lead to potential damage.

To prevent these issues and maintain the highest standard of performance, make sure to check regularly for water cleanliness and replace filters as needed.

How to Install & Remove the OUTER Filter

1. Turn the power OFF to the AlpineChill™ and drain your ice bath
2. Using the plastic wrench, loosen the filter cartridge and continue to unthread it by hand until it is removed
3. Remove the old filter and check for any loose debris in the cartridge. Replace the filter with a new one. Now is a good time to check on the inner filter and rinse as necessary.
4. Hand thread the cartridge back into the unit, then use the plastic wrench to tighten.



How to clean the Stainless Steel Debris Catchment

1. Turn the power OFF to the AlpineChill™ and drain your ice bath
2. Using the plastic wrench, loosen the filter cartridge and continue to unthread it by hand until it is removed and set to one side.
3. Using the supplied screwdriver, unscrew the back panel behind the outer filter and set aside.
4. Reach in and unscrew the inner filter housing clockwise to release.
5. Remove the inner mesh filter from the housing and clean under running water. Once the inner filter is cleaned place back into the filter housing and rescrew. Make sure this is centered and tight as to not let in air.
6. Screw the panel back in place and hand thread the cartridge back into the unit, using the plastic wrench to tighten



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