



Flowchiller 780W

FLOWLIFE

Brochure

Flowchiller 780W



Flowplunge Chiller Motor

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Manifest

In a world where limits are meant to be shattered, we fuel the fire of relentless pioneers. Our brand champions those who break the mold and embrace the extraordinary, symbolizing a life lived without compromise.

Committed to relentless innovation, we design for those who demand excellence and performance, understanding that the journey into the unknown often leads to unforgettable achievements.

We want to power dreams, aspirations, and triumphs of the audacious, sparking the passions of the unstoppable.

For those who redefine boundaries and explore new horizons, we are Flowlife. Made Possible.

Why Flowchiller 780W?

- **Unmatched Cooling Performance** - Flowchiller 780W offers 780W cooling power with a quiet 0.3 HP compressor. The adjustable temperature range (3°C–45°C / 37°F–113°F) maintains or lowers water temperature based on ambient conditions—ideal for full-day cold exposure.
- **Fast & Efficient Cooling Capacity** - Cools water from 20°C to 5°C in just a few hours, depending on volume and environment. Built-in water filter ensures clean operation and stable long-term performance.
- **Maximum Efficiency & 24/7 Reliability** - Designed for continuous use by athletes and wellness users. The energy-efficient compressor delivers strong cooling with low power consumption—ideal for home and commercial recovery setups.
- **Smart Control & Seamless Integration** - WiFi-enabled for full remote control via Tuya Smart app (iOS & Android). Adjust temperature, monitor data, and prep your session in advance. Quick-connect system and compact build ensure easy setup and portability.
- **Advanced Safety & Durability** - Water-electricity separation for safe use in all settings. Includes built-in water filter, auto shut-off, and overheating protection. Touch-sensitive buttons respond to light contact. Dimensions: 41 x 29 x 36 cm, Weight: 22,4 kg, Cooling Power: 780W, Input Voltage: 220V, Operating Noise: <48dB.

Accessories

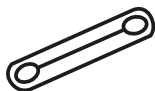
Enhance your Flowchiller 780W experience with essential accessories designed for maximum convenience and care.



Seal Ring for Filter



Water Pipes



Built in Filter Wrench



2x Male Adapters



Flowchiller: A Comprehensive Guide

Unlock the full potential of your Flowchiller 780W with this comprehensive guide. Designed for high-performance recovery, this device delivers precision cooling down to 3°C with intuitive smart controls. The integrated LED panel and Tuya app support offer effortless operation, while safety-focused engineering ensures peace of mind. Whether you're prepping for a plunge or maintaining ideal water temperature, Flowchiller 780W keeps you in control—anytime, anywhere.

1. Setting Up Your Flowchiller 780W

1.1 Choosing the Right Location

- Place Flowchiller 780W on a flat, stable surface that can support its weight.
- Ensure at least 20 cm (8 inches) of space around the unit for proper ventilation.
- Avoid placing it in direct sunlight or near heat sources, which may affect cooling efficiency.

1.2 Connecting the Water Pipes

- Attach the quick-connect water pipes securely to the inlet and outlet ports.
- Make sure to connect the water pipes by matching the green port to the green port and the red port to the red port. Also, check that the hoses are not twisted or kinked, as this could block the water flow.
- Use the water valves provided in the box to connect the water hoses with aluminum nozzles to the inflatable tub. If needed, add an extra rubber ring to ensure a watertight seal.
- Connect the nozzles directly to the chiller ports.
- Double-check that all connections are tight and leak-free before starting the unit.

* Illustrations feature Flowchiller V1; operational principles are unchanged.



1.3 Filling the Ice Bath

- Fill your pod or plunge pool with cold water, ideally just below the pod's inlet.
- If a lower temperature is required, add ice blocks or cubes to speed up the cooling process.
- Ensure the water level is above the chiller outlet and ideally around or below the tub's inlet when the system runs without anyone inside.
- The water level will naturally rise when you enter the plunge, so it's okay if it goes over the pod's inlet during use. What's important is that during operation without a person inside, the water level remains correctly positioned to allow smooth circulation and protect the chiller.

* Illustrations feature Flowchiller V1; operational principles are unchanged.



1.4 Powering On the Unit

- Before first use, allow the unit to sit upright and remain unused for at least 24 hours. This stabilization time ensures the refrigeration gases settle properly after transportation.
- Plug the Flowchiller 780W into a grounded power outlet that matches the voltage specifications.
- Switch on the power switch on the back of the Flowchiller
- Press the power button on the LED control panel to turn on the chiller.
- Wait a few seconds for the system to initialize before temperature adjustments.

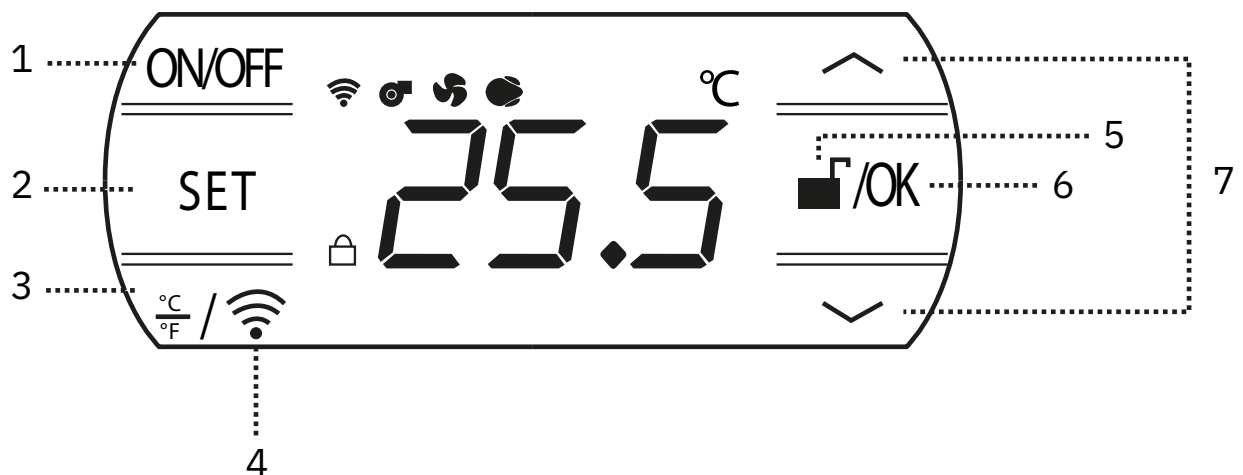
2. Adjusting Temperature & Operation

2.1 Using the LED Control Panel

- Press the temperature adjustment buttons to set your desired cooling level.
- The temperature can be adjusted between 3°C and 45°C (37°F to 113°F) depending on ambient conditions and initial water temperature.

2.2 Monitoring Performance

- The digital display shows real-time temperature updates.
- If unexpected temperature changes, ensure the water pipes are correctly connected and the unit has adequate ventilation.



1. Press On/Off to turn the chiller on/off.
2. Press SET to set the temperature.
3. Press ° to switch temperature unit.
4. Long press to configure the network. The WIFL icon will blink during configuration, and the icon will remain steadily lit once network configuration is successful.
5. Long press for 3 seconds to lock/unlock the control panel.
6. Press to confirm the change.
7. Press to adjust the desired temperature(3°C-45°C/37°F-113°F)

3. Maintenance & Cleaning

3.1 Regular Maintenance

- Inspect the built-in water filter monthly and clean it to remove debris.
- Make sure all pipe connections are firmly attached according to the instructions. When the system is correctly assembled, leaks should not occur.
- Ensure the air intake vents are free of dust and obstructions.
- Make sure to empty the chiller of water before moving or transporting it.

3.2 Draining & Storing the Unit

- If the Flowchiller 780W will not be used for an extended period, empty it via the drain valve in an area with a proper drainage system.
- Open the black cap at the lowest point of the chiller to release the water.
- To fully drain the unit, tilt it gently towards the ground.
- Store the Flowchiller in a dry, cool place away from extreme temperatures.

Following these steps ensures that Flowchiller 780W delivers peak performance, safety, and longevity, keeping your ice bath sessions efficient and effective.

3.3 Filter Maintenance

1. Power Off & Disconnect

Turn off the Flowchiller 780W and unplug it from the power source.

2. Locate the Filter Cap

Find the filter cap at the back of the unit, positioned near the fan area.

3. Remove the Filter

Twist and carefully pull out the filter.

4. Rinse & Clean

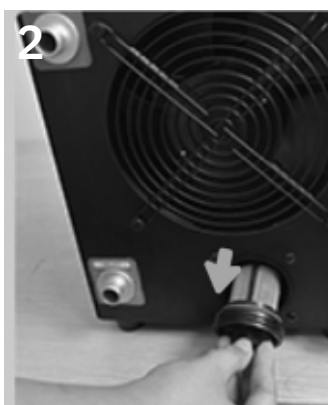
Run the filter under warm water and gently clean off any debris.

5. Reinstall & Secure

Reinsert the filter and twist it to lock it firmly in place.

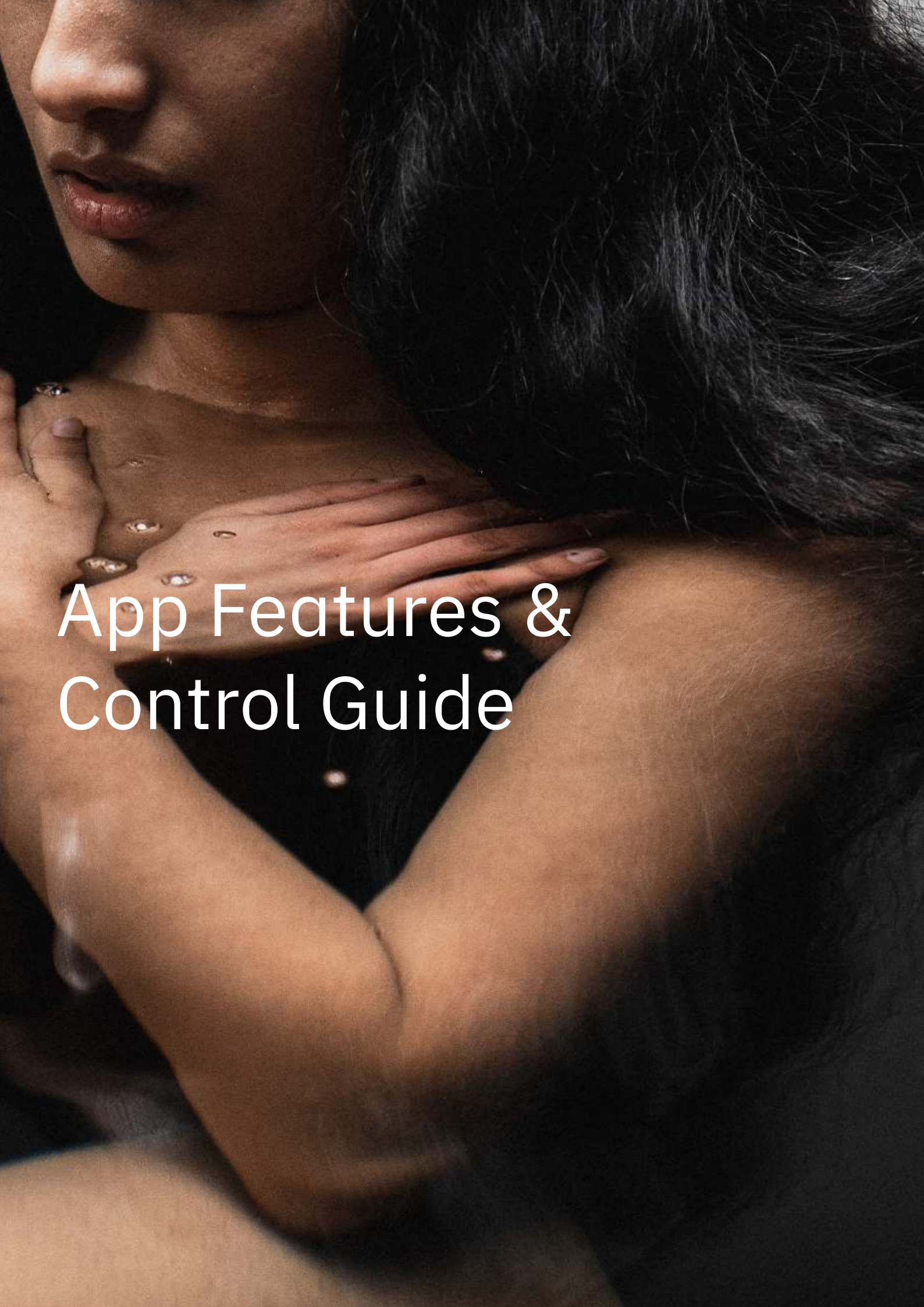
6. Power On & Test

Plug the unit back in, power it on, and confirm smooth operation.



* Illustrations feature Flowchiller V1;
operational principles are unchanged.

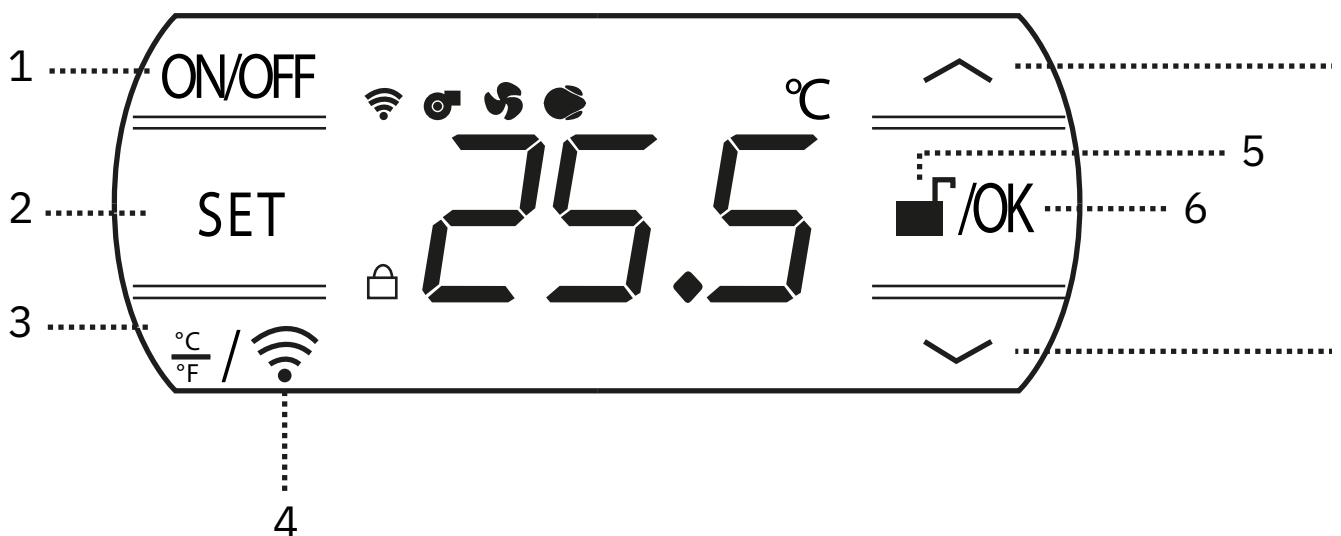




App Features & Control Guide

1. Connecting Flowchiller 780W to the Tuya or Smart Life App

1. Ensure your phone is connected to a 2.4G WiFi network (not 5G).
2. Open the Tuya or Smart Life app and tap “Add Device.”
3. Hold the Wifi button on for 5 seconds until you see the wifi symbol start to blink.
4. Select “Flowchiller 780W” from the list of compatible devices.
5. Enter your WiFi password to connect the chiller to your network.
6. The device will pair, and the WiFi icon will stay solid once connected.
7. You can now:
 - Turn Flowchiller 780W on/off.
 - Adjust the temperature.
 - Monitor the temperature curve.
 - Lock the unit for safety.
 - View current water temperature in real time.
 - Monitor system performance and error alerts.



*See page 12 for button description

2. Control from Anywhere

- As long as Flowchiller 780W is connected to your home WiFi, you can control it from anywhere worldwide if your phone has an internet connection.
- Turn on the cooling before you get home so your ice bath is ready upon arrival.
- Monitor and adjust the temperature from your phone without needing to be on the same network.

3. Smart Automation & Custom Scenes

- **Weather conditions** – Adjust temperature dynamically based on climate changes.
- **Geofencing** – Activate cooling when heading home from work or the gym.
- **Timer scheduling**: For example, turn it on at 1:00 AM so it's ice-cold when you wake up and shut it off at 08:00 AM before leaving for work.
- **Device interactions** – Adjust settings based on actions taken within the app.
- **Alarm triggers** – Automatically shut off in case of an emergency.
- **Disaster warnings** – Configure safety shut-downs for specific alerts.
- As Tuya and Smart Life continue to update their platforms, new automation possibilities may become available, further enhancing the smart control experience.
- Integrating Flowchiller 780W with the Tuya or Smart Life app gives you access to complete control, advanced monitoring, and automation, making your recovery experience seamless and efficient.



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Safety & Warning

The Flowchiller 780W is built for peak performance, but proper handling ensures safety, longevity, and efficiency. Follow these essential guidelines to maintain optimal function.

General Safety

- 18+ Only – This is professional-grade equipment. Operate responsibly.
- Dry Hands, Dry Environment – Always operate the unit in dry conditions to prevent electrical hazards.
- Stable Positioning – Ensure the chiller is placed on a flat surface. Never invert or tilt during use.
- Ventilation Matters – Keep at least 100 cm (3 ft) of clearance around air vents for optimal airflow.
- Factory-Sealed Precision – Do not tamper with or modify the unit. Unauthorized changes void the warranty and may compromise safety.
- Always power off before entering your ice bath to eliminate electrical risk

Temperature Considerations

- Cold Climate Protection—If the unit is turned off and the ambient temperature is below 0°C (32°F), you must completely drain it to prevent internal freezing damage.
- Flowing Water Protection – If the machine runs continuously day and night, it can operate safely in temperatures below freezing during periods times of the day. When the temperature naturally cools down during the night (below freezing point) the chiller can maintain operations.
- Heat Shielding – Avoid placing the unit in direct sunlight or near heat sources, which can impair cooling efficiency.

Electrical Safety

- **Certified Power Supply** – Use only a properly grounded AC outlet or extension that meets voltage specifications.
- **Water & Electricity Separation** – The Flowchiller 780W is designed for safety, but never expose it to direct water contact.
- **Immediate Shutdown for Anomalies** – If abnormal noise, overheating, or failure occurs, disconnect power and inspect before further use.
- **Always power off** before entering your ice bath to eliminate electrical risk

Performance Parameters

- **Operating Range:** 1°C - 45°C (34°F - 113°F).
- **Storage (totally drain out):** -20°C - 55°C (-4°F - 131°F).
- **Humidity Tolerance:** 20% - 85%.

Performance-Driven, Safety-Assured

Error Code E2 – No Water Detected in the Chiller

What it means:

E2 appears when the system doesn't detect any water inside the chiller. This is a safety feature that prevents the pump and compressor from running dry, which could cause damage.

Step-by-step solution:

Turn off the chiller.

1. Make sure all hoses are correctly connected and not kinked.
2. Open the hose valves to allow water to flow into the chiller from the tub or reservoir.
3. Open the drainage valve briefly until you see a steady flow of water. This confirms that the chiller is filled and air has been released.
4. Close the drainage valve securely.
5. If needed, top up the water in the tub to maintain a stable level.
6. Turn the chiller back on. The E2 warning should disappear once proper water flow is restored. If it remains, repeat steps 3–5 to remove trapped air.

Why this is important:

- Opening the valves first ensures water enters the chiller and prevents dry running.
- Opening the drainage valve helps release air and confirms there's water inside.
- Starting the chiller only after filling avoids noise, poor cooling, and potential component damage.

If the problem continues:

Check the water level in the tub, clean any filters or strainers, and make sure no valves are closed or hoses blocked. If E2 still appears, contact customer support for assistance.

Warranty

Suppose your product breaks within two years from the date of purchase due to material or manufacturing defects. In that case, Flowlife will repair or replace necessary components of the product free of charge. Flowlife AB is not responsible for warranty and return matters for products purchased from another retailer. The warranty is not valid if:

- The product is damaged by improper handling, misuse, accident, or transport. - The product has been subjected to unauthorized repair.
- The product has yet to be used according to the instructions from Flowlife.
- The damage exceeds the cost of the product itself.
- The product deteriorated after delivery due to abnormal storage conditions.
- The dated proof of purchase has not been provided.





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A black and white photograph of a person's back and shoulder. A black strap, possibly from a bag or a piece of clothing, is draped over the shoulder. The skin is smooth and the lighting creates soft shadows, emphasizing the contours of the body.

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Active Lifestyle. Made Possible.