

Coldrazatti

Chieftain Pro ICE



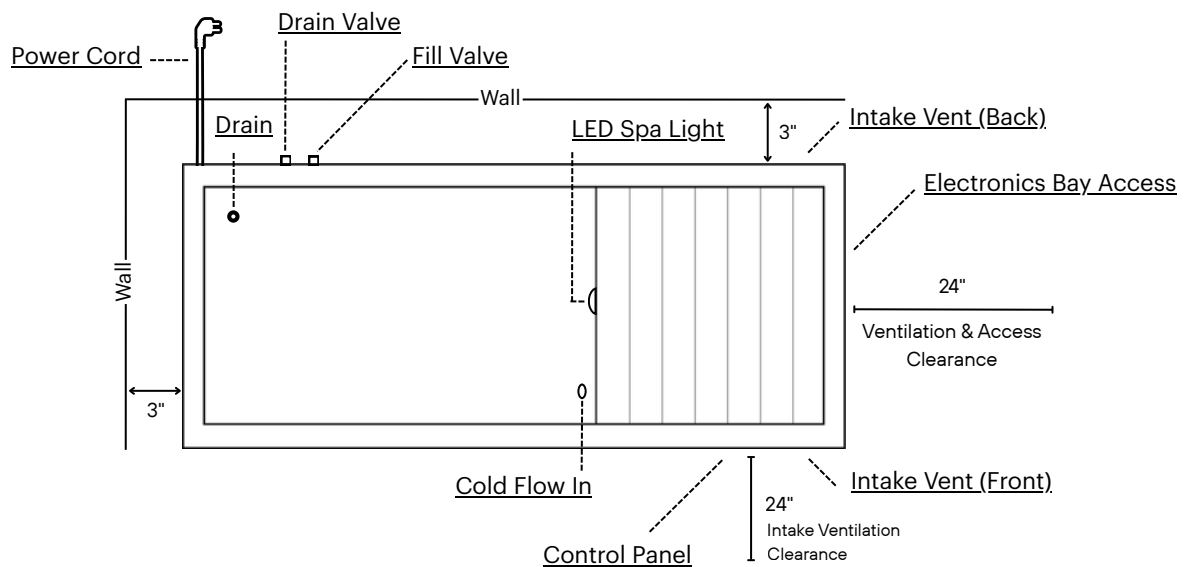
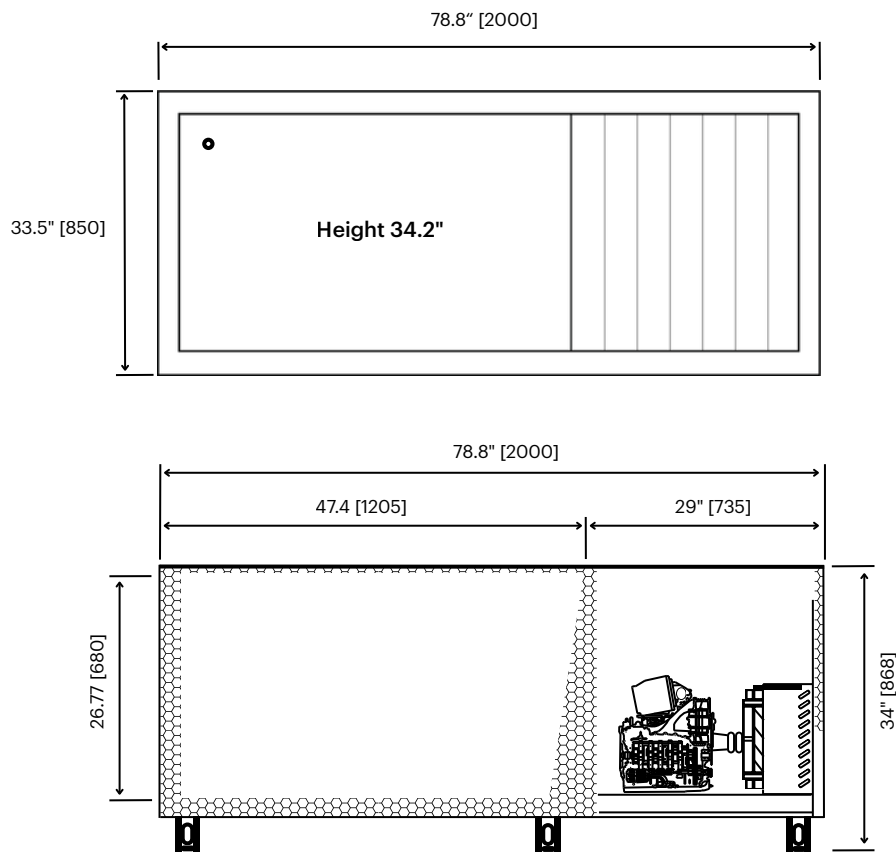
User Guide

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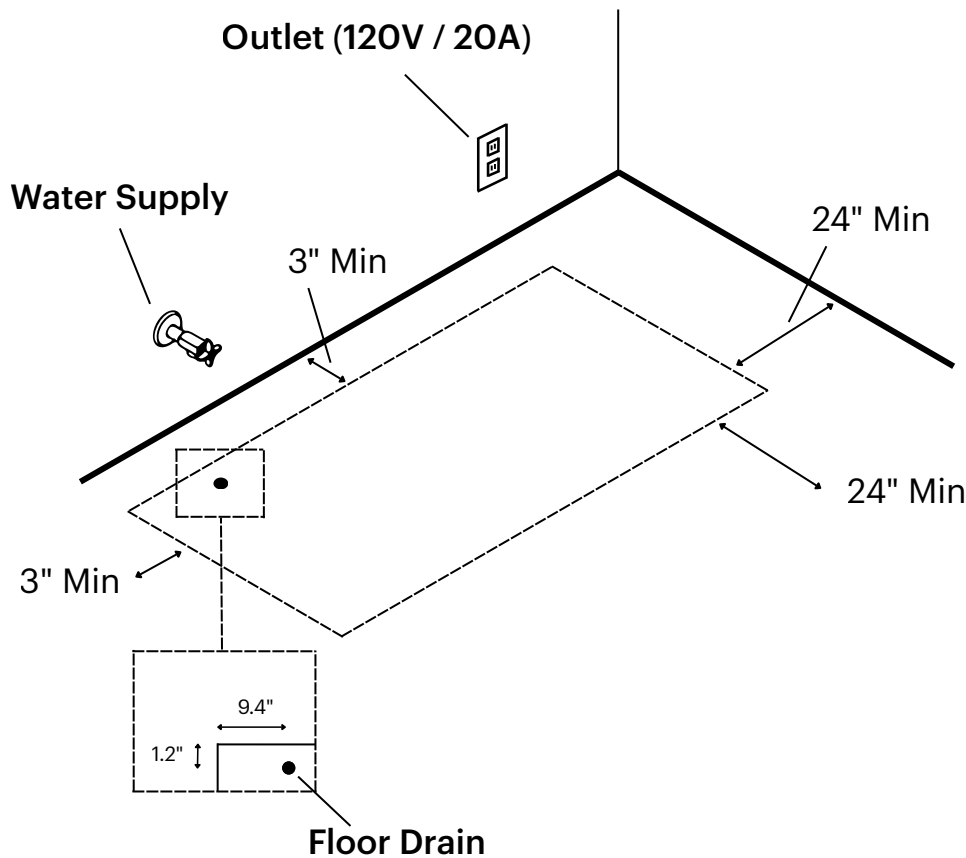
Product Specifications



Installation & Setup

Site requirements

- Place the Chieftain Pro ICE on a solid, level, waterproof surface.
- Maintain space surrounding the ice bath as detailed in the roughing-in image below.
- Verify there is adequate access to the electronics bay to service the ice bath.
- The cord is 5 ft. long. If you plan to use an extension cord, use a 12-gauge.



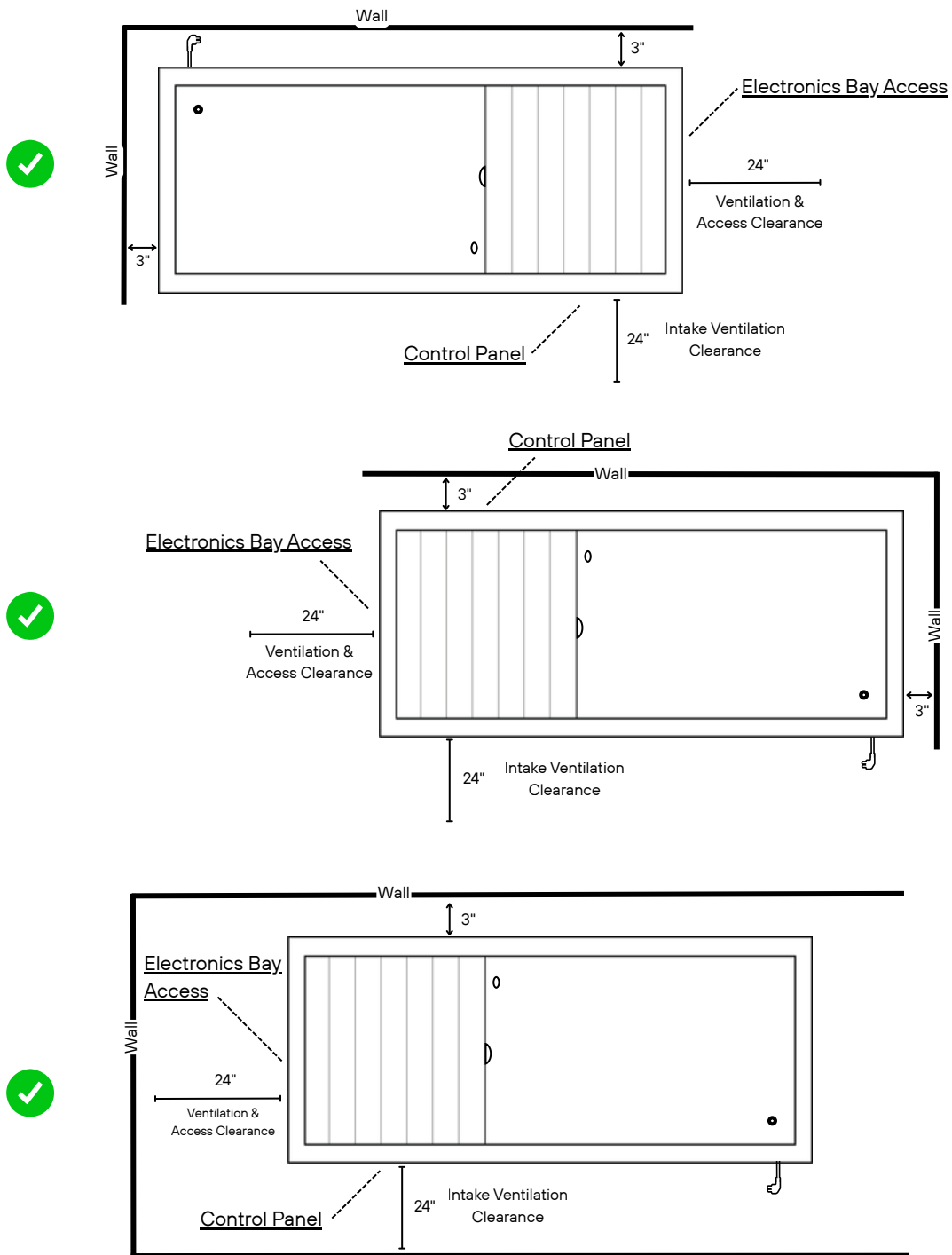
Plumbing Requirements: The unit is designed for self-contained, freestanding operation with no permanent plumbing required. Unit may be operated by draining/filling with a standard hose. Water supply and floor drain are optional.

Electrical Outlet	Voltage	Amperage
Non-GFCI Receptacle Recommended*	120V	Dedicated 20A Circuit

Unit includes integrated GFCI protection. It is not suggested to use in conjunction with a GFCI-protected outlet. This will create a situation prone to nuisance tripping

Installation Examples

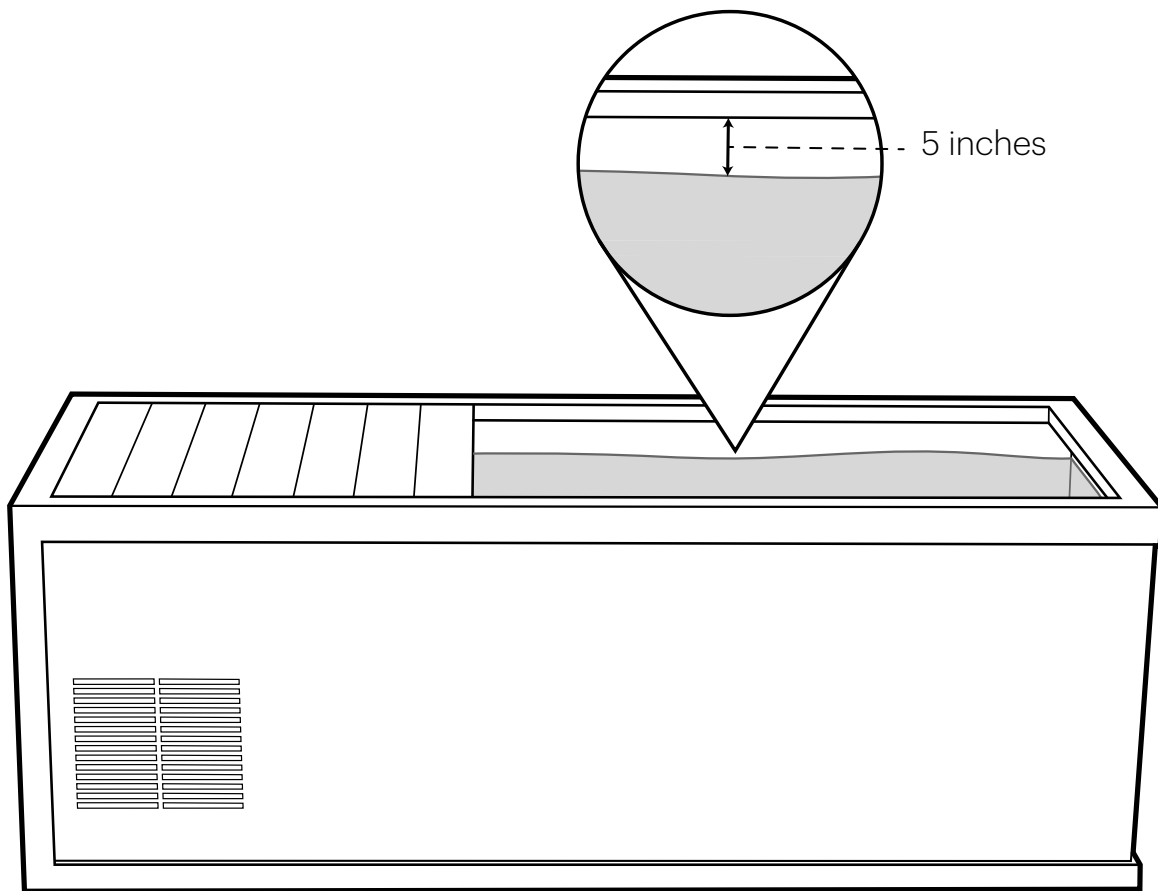
The Chieftain Pro ICE features dual intake vents, but only one requires open airflow clearance – allowing installation in a corner in two configurations. The power cord exits from the back, and the control panel is located on the front.



2. Fill with water:

Fill the basin with a hose to approximately 5 inches below the top.

* How to drain/fill your plunge and how to plumb drain/fill valve on page 13-15.

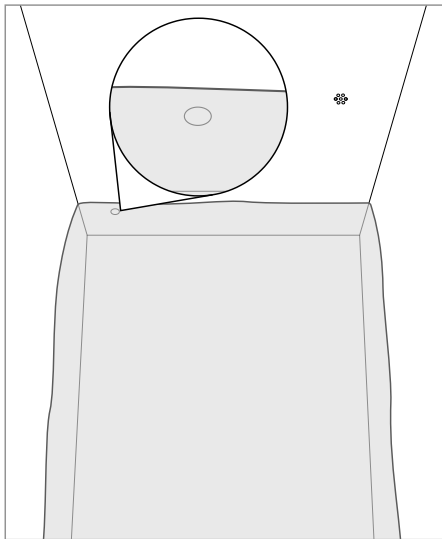


3. Before turning on your cold plunge:

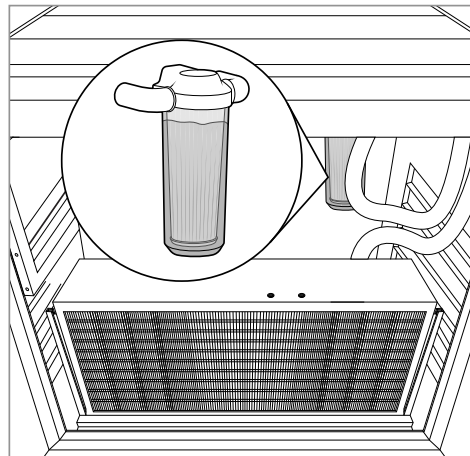
- (A) The water level must be at least above the bottom water valve.
- (B) Verify the clear filter canister is securely hand-tightened to the chiller, and the filter is inside, straight and securely seated (see **next page** for how to access the electronics bay & filter.).
- (C) Verify the shut-off water valves are straight, in the ON position (**next page**).

Water level must be above
the bottom valve

(A)



(B)

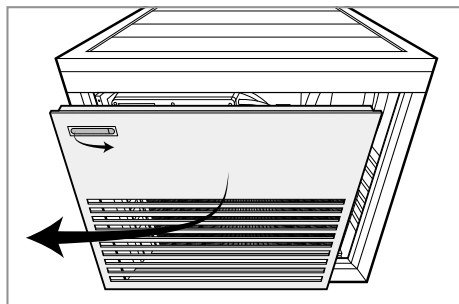


- ✓ filter inside
- ✓ hand-tightened
- ✓ straight & secure

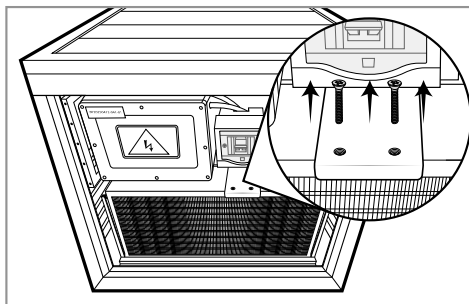
*Failure to follow these precautions may damage the machine and void warranty.

Accessing electronics bay

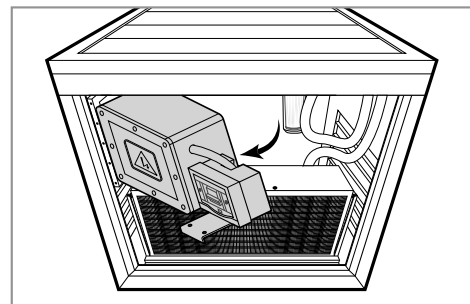
*Always power off and unplug the unit before accessing the electronics bay.



Remove the back panel

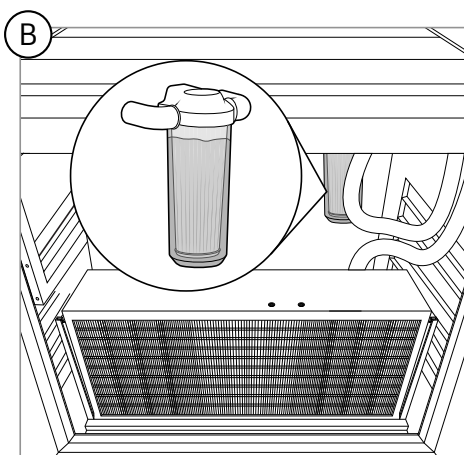


Unscrew the two screws holding the bracket

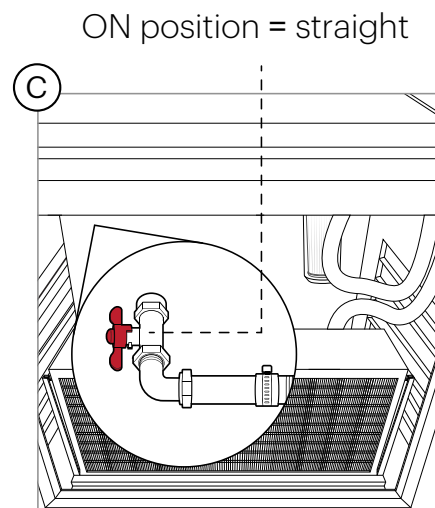


Open the electronics cabinet like a door

Startup checklist

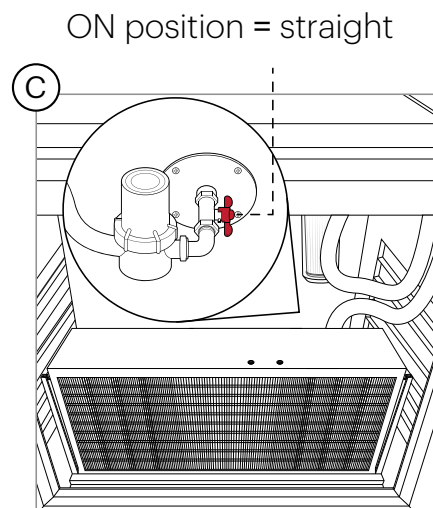


Ensure the filter is inside the clear canister, and securely hand-tightened



ON position = straight

Ensure the red water shutoff valve (left side) is in the ON position

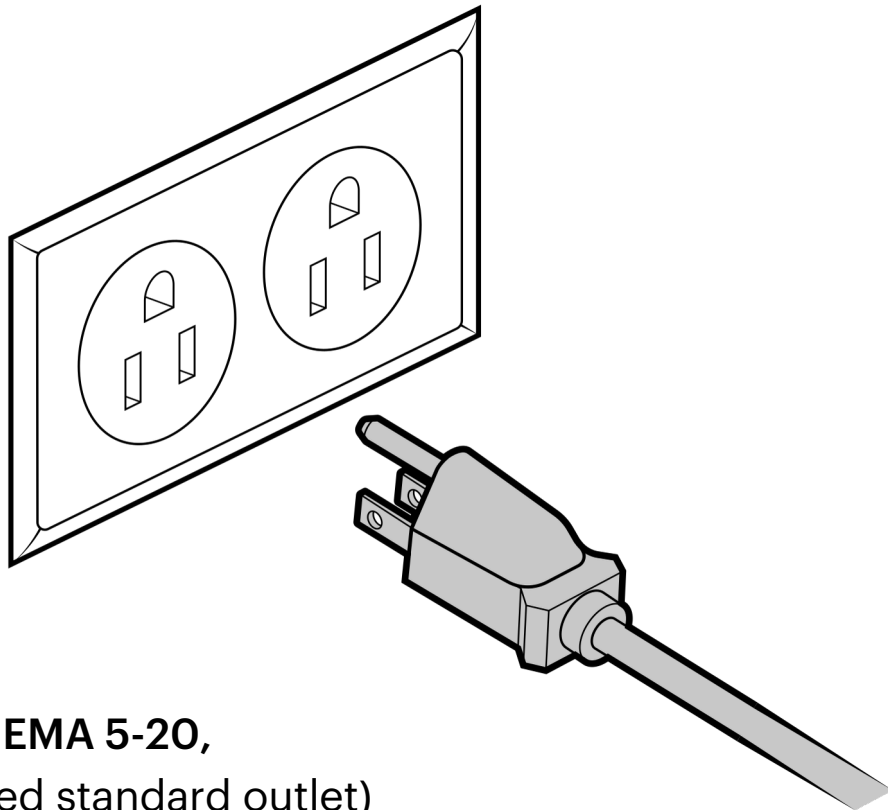


ON position = straight

Ensure the red water shutoff valve (right side) is in the ON position

4. Plug in:

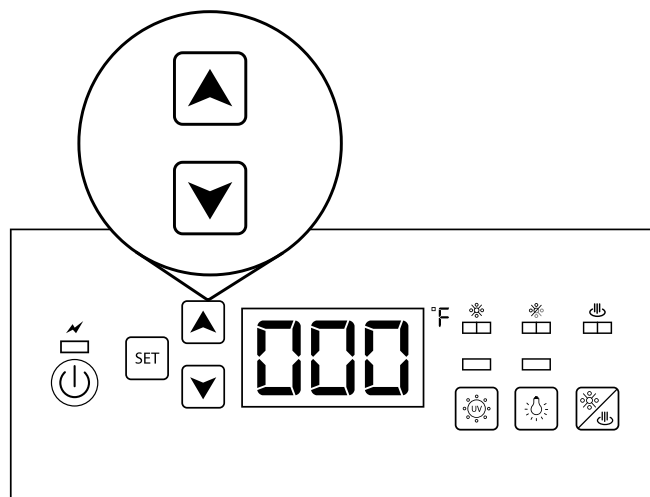
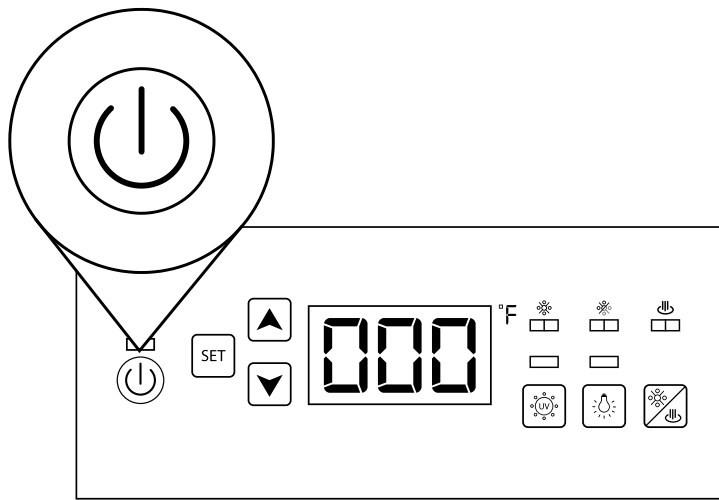
- Before plugging in your Chieftain Pro ICE, make sure all items in **Step 3: Before turning on your cold plunge** are fully completed and verified.
- Plug your Chieftain Pro ICE into a standard 120V outlet. The outlet must be on a dedicated 20A circuit.
- The machine includes built-in GFCI protection, so an additional external GFCI is not necessary and may cause nuisance tripping.
- Use only a 12-gauge extension cord if needed.



NEMA 5-20,
(3-pronged standard outlet)
120V, 20A

5. Set temperature:

- Power on by pressing the **POWER** button.
- Press the **SET** button.
- Use the **UP/DOWN** buttons to set temperature.
- Allow system 1-2 hours to reach the temperature target.

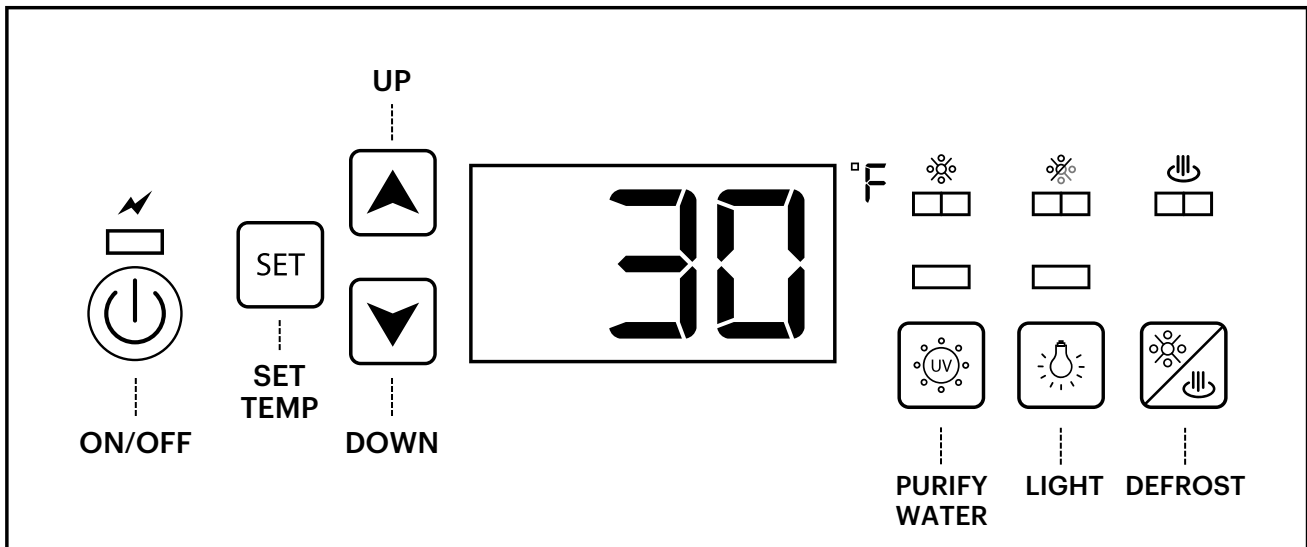


Setup is complete!

Operation Instructions:

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Control panel



Ice-making mode

To begin ice-making mode, simply set the temperature to below-freezing (32°F/0°C). The lower the temperature, the larger the ice glaciers.

How it works: Ice-making mode will enter an automatic cycle that lasts 100 minutes total. First, it rapidly cools the water for 60 minutes to form ice glaciers around the edges and top. The defrost process begins automatically after the ice making process finishes, which lasts about 20 minutes. It will lightly warm the walls to detach the ice so it floats. This happens in an automatic sequence.

To pause ice-making mode mid-cycle, adjust the temperature to be a few degrees above freezing (37°F/3°C) and press the defrost button. Wait 30 minutes until defrosting is complete, then set your temperature.

How to drain and fill your Chieftain Pro ICE:

Without Plumbing:

*Plumbing is optional. For drain plumbing instructions, see the next page.

To Fill:

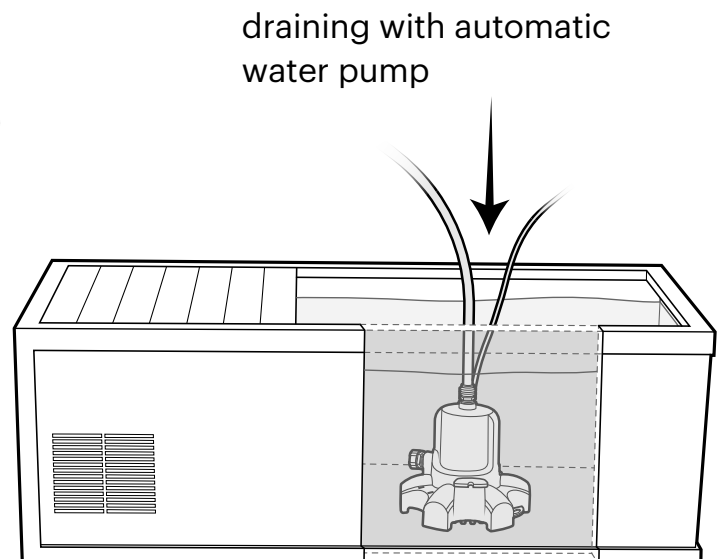
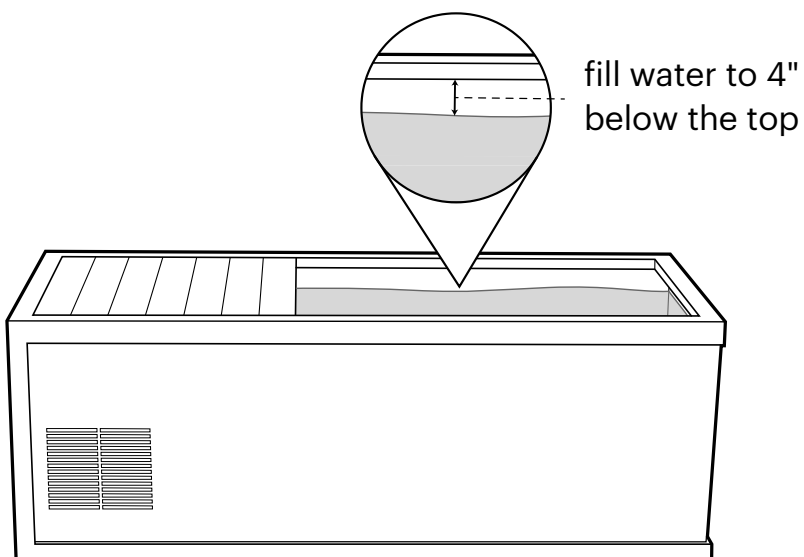
Using a hose, fill the tub with water until the water level is approx. 4 inches below the top.

To Drain:

Attach a garden hose to the drain valve (see next page for precise drain valve location), then open the valve to drain.

If you have an automatic water pump:

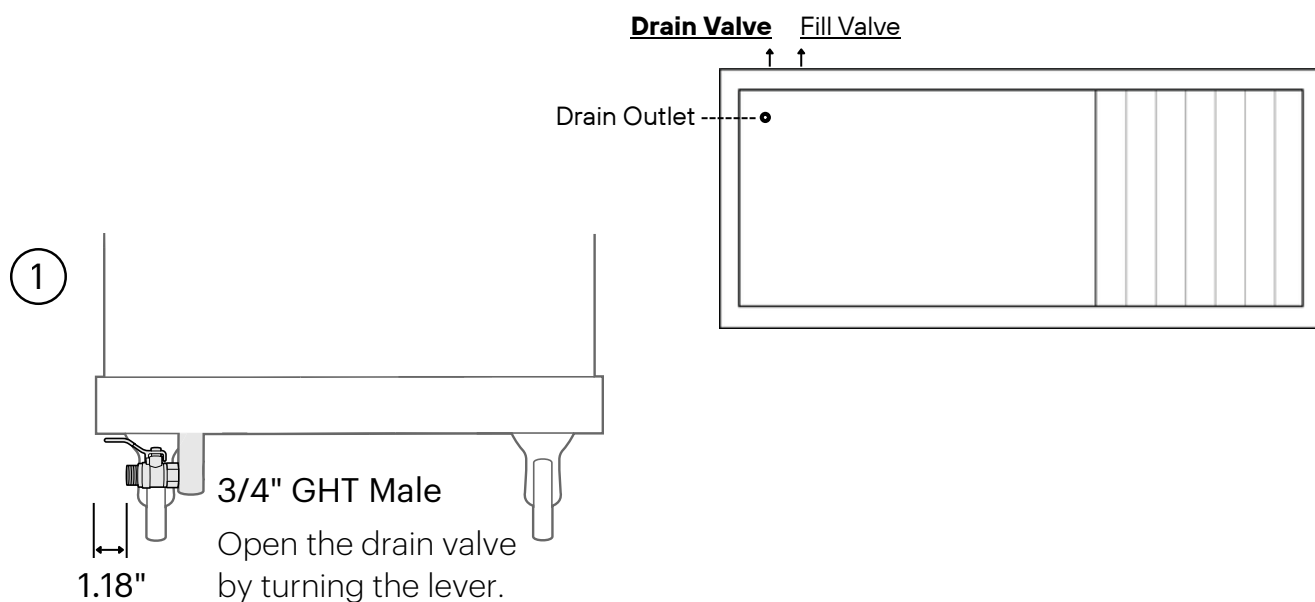
- Connect a garden hose to the top port of the automatic water pump.
- Submerge the pump fully in plunge basin until it rests on the bottom.
- Route hose to drain location, plug in pump. Monitor water level.



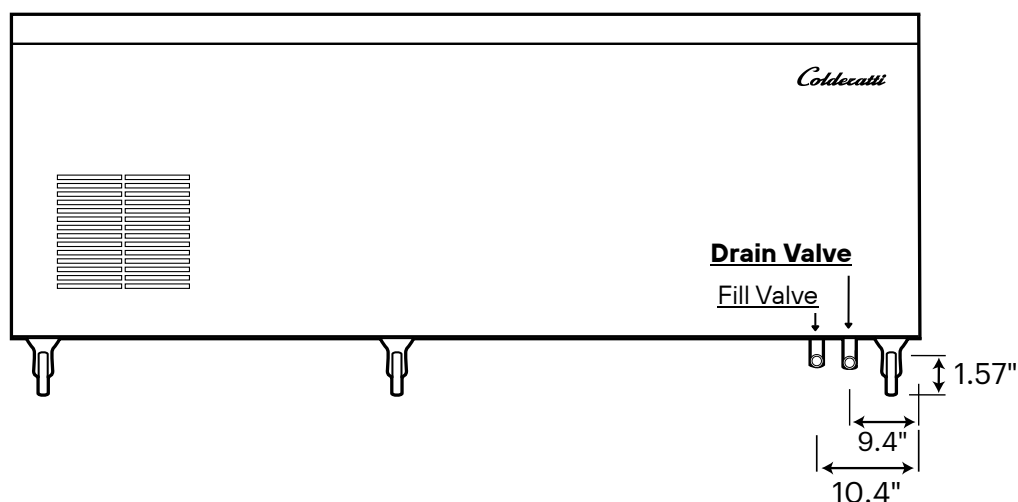
Drain with plumbing:

*Fill with plumbing on next page.

- ① Drain valve: 3/4" GHT stainless steel thread. Connect to gravity drain line. If needed, an inline booster pump can be installed.
- ② Drain valve location.

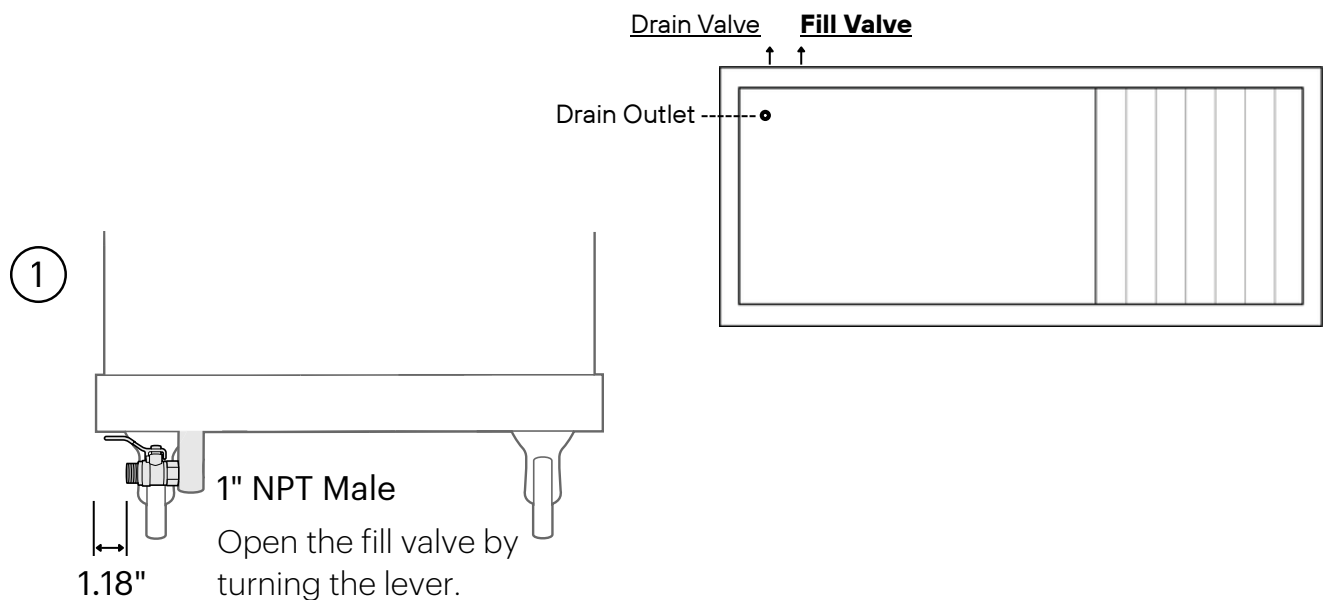


- ② Drain valve is located 1.57" from the floor and 9.4" from the front end.

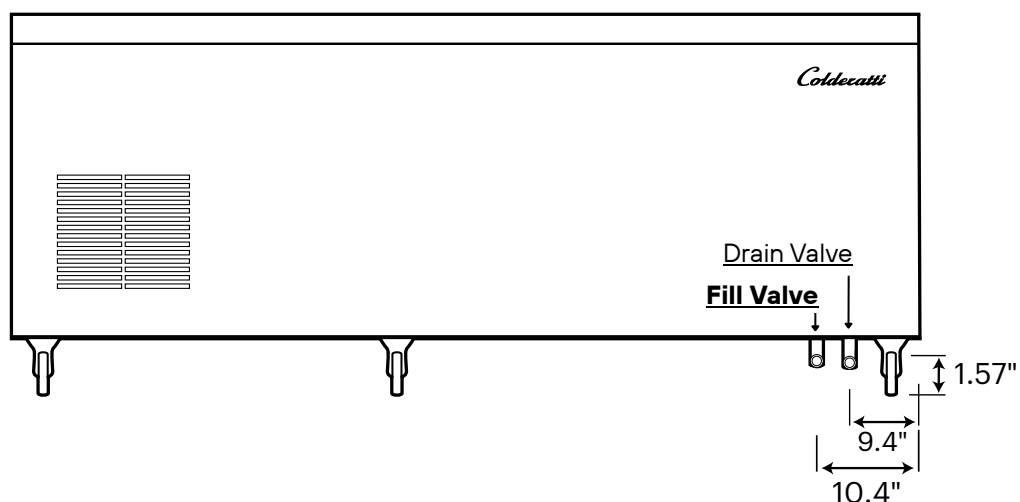


Fill with plumbing:

- ① Fill valve: 1" NPT stainless steel thread. Connect to water source.
- ② Fill valve location.



- ② Fill valve is located 1.57" from the floor and 10.4" from the front end.



Water Care & Maintenance:

Use Colderatti water clarifier and replace filters regularly to keep water clean, clear, and free of oils and debris.

Everything you need for water care in one recurring package:

[6-month maintenance kit \(Residential\)](#)

[6-month maintenance kit \(Commercial\)](#)

Residential Water Care

If your plunge lives at home, follow these care instructions to keep it clean, clear, and performing like new.

Initial Fill-Up	4oz Colderatti water clarifier
Daily Maintenance	1/2oz Colderatti water clarifier
Monthly Maintenance	• Replace water with fresh water • Replace the filter • Rinse the pre-filter
Quarterly Deep Clean¹	Every 3 Months, deep clean

Commercial Water Care

If your plunge is used in a commercial setting (gym, spa, or shared space), more frequent care is required.

Initial Fill-Up	4oz Colderatti water clarifier
Daily Maintenance	1oz Colderatti water clarifier
Bi-Monthly Maintenance	• Replace water with fresh water • Replace the filter • Rinse the pre-filter
Quarterly Deep Clean¹	Every 3 Months, deep clean

**Only use Colderatti OEM filters with your system. Third-party filters can damage the machine and void the warranty.*

¹ Deep cleaning is recommended for optimal performance and longevity of the machine. **Instructions on next page.**

**Maintain clean & clear water at all times. If at any moment the water is not crystal clear, replace the water with fresh water and replace the filter.*

Deep clean your plunge

We recommend deep cleaning your plunge every 3 months, for optimal performance and longevity of the machine.

1. Drain all water and refill with clean water to 1/3 capacity.
2. Add 8oz (1 cup) food-grade citric acid*
3. Turn the chiller on and let the water cycle for 30 minutes with the citric acid solution.
4. Turn the chiller off and drain the tub fully.
5. Rinse the inside basin with warm water and a clean washcloth.
6. Run a final flush: fill with clean water to 1/3 capacity and turn the chiller on for 5 minutes. Then turn off and drain water fully.
7. Replace the filter with a new filter. Deep clean is finished.

**Citric acid is a natural descaler that breaks down mineral deposits, biofilm, and tarnish from the inside surface of the system—ideal for naturally flushing your system and restoring it to a like-new condition, while leaving the stainless steel more corrosion-resistant and with a visibly cleaner and brighter finish.*

Cleaning requirements

Follow these best practices for regular cleaning and care to keep your Colderatti system in peak condition.

Water care: Follow our water care & maintenance protocol (previous page).

Stainless steel:

- For routine cleaning, use a mild degreaser or dish soap diluted in warm water. Wipe down with soft microfiber and dry thoroughly.
- Wipe stainless steel with warm water + food-grade citric acid using a soft cloth to remove biofilm, mineral buildup and tough residue.
- Always rinse and dry surfaces after cleaning to prevent water spots and corrosion.
- Use only soft microfiber cloths—never abrasive scrubbers.

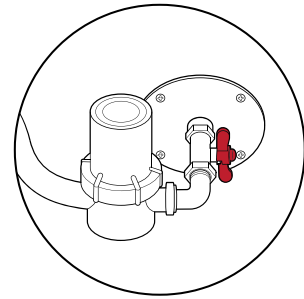
Carbon steel: Use a mild degreaser or dish soap diluted in warm water. Wipe down with soft microfiber and dry thoroughly.

DO NOT mix citric acid or hydrogen peroxide with other cleaning chemicals.

Replacing the filter

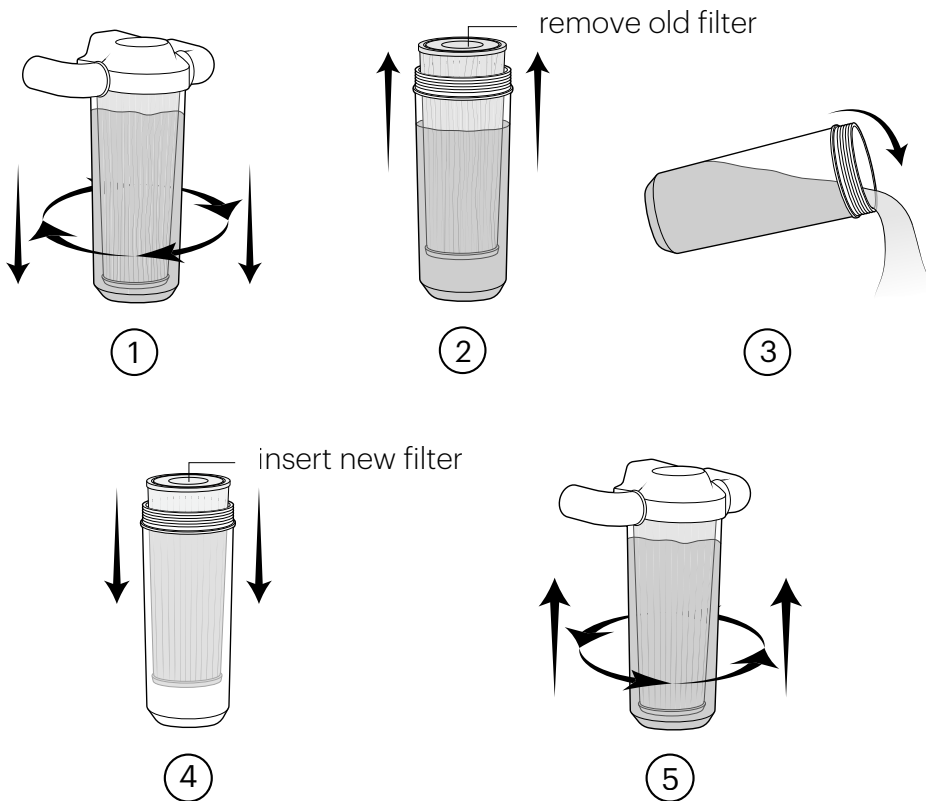
**First you must access the electronics bay (page 8)*

- (A) Once inside the electronics bay, switch the water shutoff valves to OFF position to prevent water from leaking when you remove the filter.



OFF = perpendicular to water line

- (B)
- Unscrew the clear filter canister.
 - Remove the old filter, dump the dirty water from the canister, replace with new filter. Screw in.



Water testing

If you choose to test your water using water test strips, expect each parameter to fall within the ideal ranges below:

1. Free Chlorine or Bromine: 0 ppm
2. pH: 7.2–7.8
3. Total Alkalinity: 80–120 ppm
4. Calcium Hardness: 150–250 ppm
5. Total Dissolved Solids (TDS): under 1,500 ppm
6. Cyanuric Acid: 0 ppm
7. Oxidation-Reduction Potential (ORP): 650–750 mV

• *If pH is low: turn on the machine with ozone enabled and add 1/2 oz Colderatti Peroxide Water Clarifier.*

Expected Results After 2 Weeks of Daily Use:

With proper daily water care, pH, Alkalinity, Hardness, TDS, and ORP levels typically fall within 90–95% of ideal ranges. Results may vary based on user hygiene, adherence to water care routines, and the quality of your initial water source.

Safety Precautions:

- ⚠ **No children or pets** – never allow unsupervised access. Secure the cover when not in use.
- ⚠ **No alcohol or drugs** – these can drastically increase the risk of unconsciousness, drowning, or hypothermia.
- ⚠ **Know your limits** – sudden cold immersion can trigger cold shock or hypothermia. Always use under supervision until you know your body's response.
- ⚠ **Electrical safety** – only use a dedicated 20A, 120V circuit with GFCI protection; keep all outlets and devices 5 feet away.
- ⚠ **Consult Your Doctor** – especially if pregnant, have heart conditions, blood pressure issues, diabetes, or are taking medication that may cause drowsiness.
- ⚠ **Do not modify electrical components** – only qualified technicians should access internal electronics. Tampering can lead to electric shock, fire, or system failure.
- ⚠ **Use with supervision if needed** – those with reduced physical, sensory, or mental ability should only use the plunge under supervision.
- ⚠ **Freezing Conditions** – Operating or storing this equipment in temperatures below 32°F (0°C) strictly voids the warranty. While the Hyperchiller is equipped with internal freeze protection as a safety measure; it is not rated for operation or storage in freezing environments. The system must remain powered on at all times to utilize its internal safety sensors; if the unit loses power or is turned off in cold conditions, it must be drained and moved indoors immediately. Any damage resulting from freezing temperatures – including damage resulting from power failure or outdoor placement – is at the user's own risk and is strictly excluded from warranty coverage.

Service & Troubleshooting:

Error Code	Reason	Solution
CLN	Low Flow Rate	Clean the filter
FL	Flow Issue	Possible solutions: • Confirm both water valves are in the ON position (straight). • Confirm seal rings are on the inside of the water hoses. • Reset the Hyperchiller. Power it off and on.
CH1/2/3	Sensor Issue	Contact Colderatti Support

Colderatti