



Luxury Plunge User Manual



For any additional questions, please contact us sales@reviveplunge.com

Thank you for choosing Revive Plunge™

Warnings & Precautions

WARNING: Electrical and water-based equipment can be hazardous.

Failure to follow these precautions may result in serious injury, equipment damage, or voided warranty. Always prioritize safety and proper setup when installing, operating, or maintaining your plunge.

Electrical Safety

- Confirm that your power supply meets the requirements listed on the label at the back of the unit.
 - Use only a dedicated 110–120V GFCI outlet. Test the outlet before use and periodically.
 - Do not use extension cords, power strips, or shared outlets with other high-draw equipment.
 - If you notice unusual sounds, tripped breakers, or any electrical malfunction, stop using the unit immediately and contact Revive Support.
 - If the power cord or plug becomes damaged, discontinue use until inspected and repaired by a licensed professional.
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User Safety

- The plunge should only be used by adults or under close adult supervision. Children and pets must be kept away from mechanical compartments.
 - Do not operate the plunge while under the influence of alcohol, drugs, or sedating medications.
 - If you are pregnant or have cardiovascular, respiratory, or other medical concerns, consult your physician before use.
 - This product is not a medical device and is not intended to diagnose, treat, or cure any condition.
 - When servicing or inspecting the plunge, use caution around fans, vents, and moving parts. Do not place body parts or tools into mechanical areas while the unit is powered on or running.
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Local Codes & Requirements

- The plunge must be installed and used in accordance with all applicable local building, electrical, and plumbing codes.
 - It is the owner's responsibility to ensure code compliance. Revive is not liable for any damages or violations resulting from improper installation.
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Setup Timing Notice

- After delivery or relocation, the plunge must remain upright and stationary for a minimum of 3 hours before powering on. This allows internal fluids to settle and prevents compressor or pump damage from backflow.
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Ventilation & Equipment Clearance

- Always maintain at least 24 inches (60 cm) of clearance around the fan compartment and air vents.
 - Do not obstruct airflow during operation. Restricted ventilation will reduce performance and may cause overheating or damage.
 - Never enclose the plunge in a tight space without active airflow.
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Environmental Conditions

The plunge can be used in both outdoor and indoor environments, provided that the setup meets the following conditions:

- Indoor spaces must have waterproof flooring and proper drainage.
 - Note: The Luxury Plunge does have a condensation outlet tube on the back side of the unit that connects to a drip pan located underneath the mounted plumbing inside the mechanical compartment. Any condensation or water runoff when opening the filter containers will fall into the drip pan and drain through the condensation outlet tube.
 - Ensure sufficient ventilation to manage humidity buildup, especially in enclosed spaces.
 - Do not operate the unit in areas prone to flooding or standing water.
 - Avoid direct heavy rainfall or snow unless the plunge is under a proper waterproof cover.
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Winter Operation & Cold Weather Risks

The Luxury Plunge is a cooling-only system equipped with a defrost function designed to break up ice accumulation on the tub walls when operating in Ice Mode. The defrost function is not intended to heat the water or maintain water temperatures in freezing ambient conditions.

If ambient temperatures fall below 32°F (0°C), the water in the plunge and plumbing is at risk of freezing and damaging components. To prevent this, do one of the following:

- Fully drain the plunge, including the plumbing and filter containers, and shut off power.
- Leave the tub full, but drain the plumbing:
 - Turn the plunge off.
 - Close the inlet and outlet valves inside the side compartment to prevent water from entering the plumbing.
 - Drain the plumbing lines and filter containers.

- Leave the tub filled and powered off. The stainless steel tub can safely withstand ice buildup.
 - With the unit powered off and valves closed, water circulation, filtration, and built-in sanitization will not operate. To maintain proper water quality during this period, a suitable sanitizing agent (such as 3% food-grade hydrogen peroxide or a spa-grade treatment) should be added. Always follow the manufacturer's instructions when using any additional cleaning or sanitizing products.
 - Or move the unit to a location with ambient temperatures above 37°F to continue normal operation.
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Long-Term Inactivity & Storage

If you plan to leave the plunge unused for an extended period (e.g., travel, seasonal closure), and won't be maintaining the water chemistry or filter schedule:

- Drain the entire system to prevent bacteria buildup and component wear.
 - This includes:
 - Draining all water from the tub.
 - Powering the unit back on briefly to allow the pump to purge residual water from the plumbing.
 - Emptying the filter containers.
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Repairs & Modifications

- For any repairs, reach out to our support team or consult a qualified appliance or electrical professional.
 - If inspecting or working on internal components, power down and unplug the unit before opening any compartment.
 - Do not modify the plunge or its components. Unauthorized alterations may result in malfunction or void the warranty.
 - Revive is not responsible for damage or issues caused by improper installation, abnormal use, or unauthorized service.
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Drainage

Draining the plunge properly is essential for idle periods, and long-term storage. The system should be fully drained any time the plunge will sit idle for extended periods or be exposed to freezing temperatures.

Full System Draining Instructions:

- Turn off the unit using the main power button.
- Open the drain valve located on the back of the unit to empty the water from the plunge tub.
 - Route the drainage to an appropriate area that can handle the full water volume (max capacity approx. 140 gallons).
- Once the tub is fully drained, power the unit back on briefly to activate the water pump.
- Allow the pump to run for 15–30 seconds to flush out any remaining water sitting in the internal plumbing lines.
- Power off the unit again.
- Drain any additional water that may have entered the tub from purging the lines.

- Empty both filter containers in the side compartment to clear any trapped water.
- Thoroughly dry.

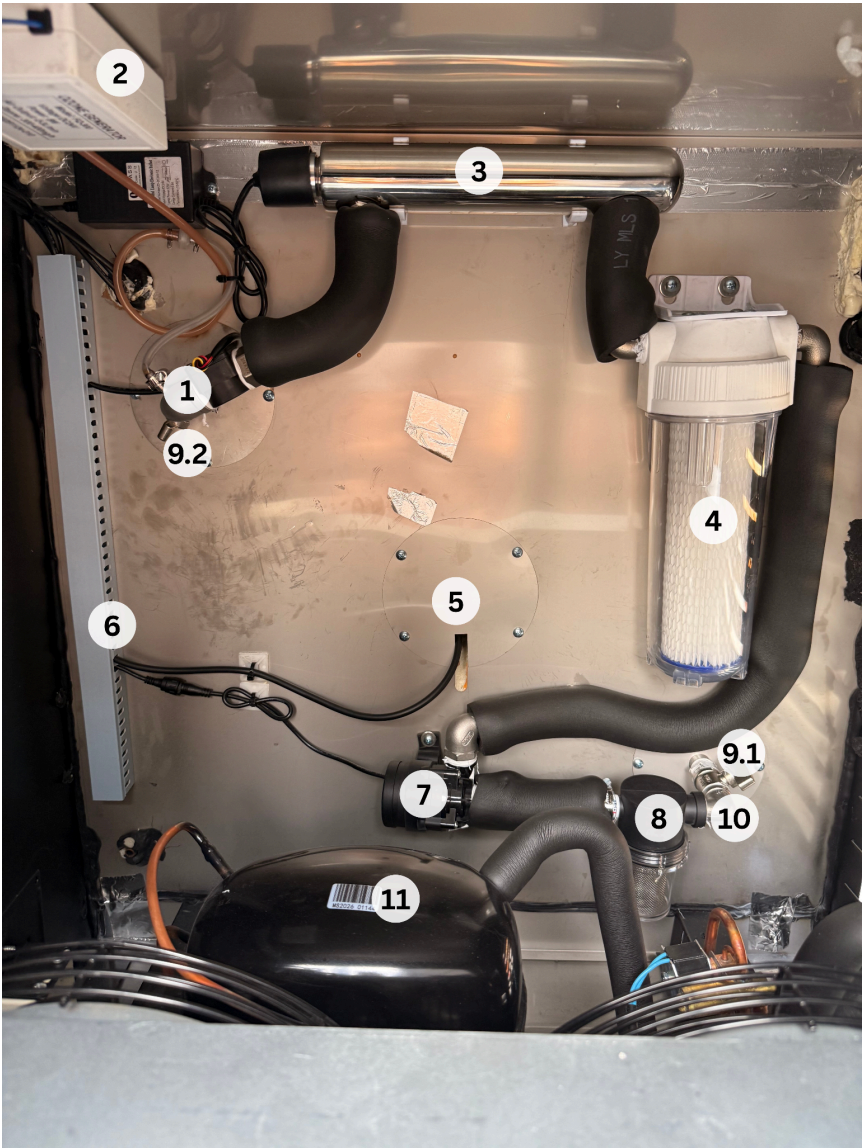
Notes:

- Ensure all drain paths are clear before starting.
 - After draining, the unit can be stored or shut down without risk of internal scale buildup, freezing, or microbial growth.
 - If you're unsure how to access the drain valve or filter containers, refer to the Plunge Operating Components section of this manual.
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Warranty Disclaimer

- Damage caused by flooding, freezing, improper setup, inadequate ventilation, or code violations is not covered under warranty.
- Revive is not liable for property damage or injury resulting from misuse or failure to follow safety instructions.

Plunge Operating Components



1. Tub Inlet	2. Ozone Generator	3. UV Light	4. Cartridge Filter
5. RGB LED Light	6. Wire Track	7. Water Pump	8. Mesh Pre-Filter
9. Water Valves	10. Tub Outlet	11. Compressor	

Preparing Your Plunge

- Once your plunge is in place, remove the compartment door on the side of the unit. When open, you'll see the unit's condenser on the bottom, as well as the unit's breaker switch and electrical box above that, as shown below. Ensure that the breaker switch is flipped up in order to power on the plunge.



- Next, remove the four screws underneath the GFCI box that secure the electrical panel to the condenser, as shown in the picture below. Once removed, you'll be able to swing the top portion out to access the plunge's operating components.



- Along the back interior wall of the side compartment you'll find the two built in filters, as shown below. On the bottom is the metal mesh pre-filter, and on the top is the cartridge filter. Ensure that both filters are in place, and the filter housing containers are hand tight.



- To access either filter, rotate the filter container clockwise to unscrew the clear plastic housing and access the filter. If needed, use the filter wrenches that are included in the spare parts bag, as shown below, by looping them under and around the filter containers.



- Next, locate the two water valves at the tub inlet and outlet (ball valve levers may vary in color). If the lever is parallel, the valve is open, and if it's perpendicular, the valve is closed. The valve must be parallel in order for water to flow through the unit. You can close this valve when cleaning or replacing the filters to prevent water from flowing out from the tub.

WARNING: Operating the plunge with the water valve closed could cause permanent damage to the plunge.



- Your plunge is now ready to operate. Return the electrical panel back into place, secure it to the radiator with the screws, and close the side compartment by returning the side compartment door back into place. Now time to fill it up, plug it in, and enjoy!

Filling Your Plunge

- When filling your plunge, use a standard garden hose or another suitable water source and fill the tub directly. For improved water quality, attach the garden hose filter included in the Starter Kit (if applicable) to the end of the hose before filling the tub.

Draining Your Plunge

- When it's time to drain your plunge, locate the drain valve on the back of the tub. If you have the plunge base trim pieces installed, open the sliding door to reveal the drain spout. To open the drain, turn the valve lever so that it's parallel with the valve.
- Once the tub is empty, return the valve lever to the perpendicular position so the valve is closed and you can refill your tub.
- Should you need to drain the tub away from its location, locate the hose adapter that was included in the starter kit that came with the plunge and attach it to the drain spout on the back of the plunge. Once done, you'll be able to attach a garden hose directly to the drain spout in order to lead the water from the tub away from the plunge's location.
 - Some users find that using a sump pump provides a quicker draining solution, or one that is effective if the water is draining at an incline, though this is not included with your plunge.

How Cooling & Ice Mode Work

The Luxury Plunge continuously monitors the water temperature and compares it to your selected set temperature.

When the water temperature rises above the set temperature by the amount specified in the Set Temp. Hysteresis setting, the cooling system will automatically activate and begin lowering the water temperature. Once the water reaches the set temperature, the cooling system will automatically shut off.

Example:

- Set Temperature: 50°F
- Set Temp. Hysteresis: 3°F

The plunge will cool the water to 50°F and then stop actively cooling. As the water naturally warms over time, the cooling system will remain off until the water reaches 53°F. At that point, cooling will automatically resume until the water returns to 50°F.

Understanding Set Temp. Hysteresis

The Set Temp. Hysteresis setting determines how much the water temperature is allowed to rise above the set temperature before cooling restarts.

- A smaller hysteresis value provides tighter temperature control but may cause the cooling system to cycle more frequently.
- A larger hysteresis value reduces cycling and compressor wear but allows for greater temperature fluctuation.

Ice Mode Operation

When the set temperature is adjusted below 37°F, the Luxury Plunge automatically enters Ice Mode.

Ice Mode is designed to allow ice to form along the walls of the stainless steel tub. To protect the cooling system and internal components, water circulation will stop while ice is being created. This prevents ice buildup from being pulled into the operating components of the plunge.

As a result, it is normal for:

- Water circulation to stop while in Ice Mode
- The displayed water temperature to fluctuate slightly
- Ice to accumulate on the tub walls over time

Important Notes

- The Luxury Plunge is a cooling-only system and does not contain a dedicated water heater.
- The cooling system will not run continuously under normal operation.
- Compressor run times will vary depending on ambient temperature, sun exposure, cover usage, and the selected water temperature.
- During Ice Mode operation, ice accumulation on the tub walls is expected and indicates the system is functioning as designed.

User Interface

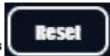




Symbols and Indication Instructions

Icon	Indicate the state	Explain	Icon	Indicate the state	Explain
	Network Status	Icon indicates network connection		Pump Status	Icon dim indicate the pump is stopped
		Icon o indicates network connection			Icon bright indicate the pump is running
	Refrigeration con	Icon dim indicates the compressor is stopped		Cooling con	
		Icon bright indicates the compressor is running			
	Disinfection con	Icon dim indicates disinfection is off.		Defrost con	Icon dim indicates the unit is not in defrost mode
		Icon bright indicates disinfection is on			Icon bright indicates the unit is in defrost mode
	Fault con	Icon dim indicates the unit is operating normally			
		Icon bright indicates a fault or abnormal condition			

Key Operating Instructions

Main interface	Operation Way
On & Off	Press the “  ” button to begin operation. During startup or operation, pressing the “  ” button will immediately stop the device.
Set the water temperature	On the main interface, the device temperature can be set using the “  ” and “  ” buttons. The setting cannot exceed the maximum value or go below the minimum value;
Disinfect	Press and hold the “  ” icon for 5 seconds to activate the forced disinfection function. Press and hold the “  ” icon again for 5 seconds to exit the disinfection function.
De icing	Press and hold the “  ” icon for 5 seconds to activate the forced defrost program. Once the program starts, it cannot be exited manually; the device can only be forcibly stopped by cutting off the power.
Light Page	Tap the “  ” icon to enter the lighting page, where the LED strip and SPA lights can be controlled.
Lock/Unlock	When the “  ” icon is tapped, the device is locked and cannot be operated. Tapping the “  ” icon again unlocks the device.
Settings Interface	On the main interface, press the “  ” button to enter the settings interface, where parameters can be adjusted. (It is recommended not to modify the parameters and use the device according to factory settings.)
Fault display	When a fault occurs, the “  ” icon starts flashing “  ” and a fault information window “  ” pops up. At this time, tap “  ” to restart the device, tap “  ” to close the window, or tap “  ” to navigate to the help interface.

Setting page	Operation Way
Parameter Settings	 Tap the “ ” icon to open the secondary confirmation dialog to adjust parameters.
Restore Factory Settings	 Tap the “ ” icon to open the secondary confirmation dialog. Confirm the action to restore the device to factory settings.
Timer Page	 Tap the “ ” icon to enter the timer interface, where the power on/off time, temperature, and operation cycle can be set.
Network Page	 Tap the “ ” icon to enter the network setup guide. After entering the page, tap the “ ” icon to reconfigure the network.

Operating Modes

1. Ice-Making Mode (Set Temperature < 37°F / 3°C)

- Water pump turns off to protect itself from freezing temperatures.
- Compressor activates once probe detects temperature is above target.
- Unit defrosts when compressor runs for a set time and reaches defrost temp.
- Compressor delay protects system on startup.

2. Defrost Mode (Set Temp < 37°F)

- Hot air defrost engages when needed.
- Indicator lights up; compressor and switching valve activate.
- Sanitization begins and ends based on programmed time.

3. Constant Temperature Mode (Set Temp ≥ 37°F)

- Maintains a stable water temp.
- Compressor starts/stops based on temperature return difference.
- Water pump always runs; disinfection activates as programmed.

4. Shutdown Mode

- In standby, UV button can still start and stop sanitization and pump.

5. Defrost Display Lock

- If enabled, temp reading is frozen during defrost, resumes 20 min after.

6. Temp Overrun Alarms

- Triggers if temp exceeds min or max threshold.
- Mute button silences alert; auto-resets when normal.

7. Abnormal Working Mode

- Error alerts for temp probe failure or extreme readings ($< -49^{\circ}\text{F}$ or $> 210^{\circ}\text{F}$).
- System shuts down cooling and defrosting.

WiFi Setting

Wi-Fi Module configuration steps:

1. Distribution network steps

- Step 1:** Download the “Smart Life” app and register an account;
- Step 2:** Turn on WiFi and grant the app permission to access WiFi.
- Step 3:** On the controller’s main interface, press the “Detail Setting” button to enter the settings interface → long press “Match Network” for 5 seconds to reconfigure the network → select “Yes;
- Step 4:** Open the mobile app and tap the “+” icon in the top right corner to add a new device.

2. The distribution failure factors are as follows

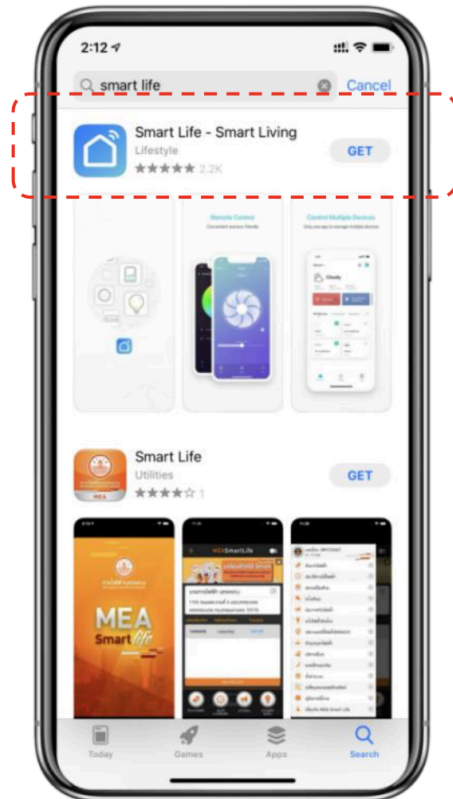
- Please confirm that your router is not a wireless router provided by the telecom carrier (this type of wireless router has poor compatibility due to the functions of some telecom operators, and cannot add our device).
- Wi-Fi needs to be turned on. Make sure that the phone is using a 2.4G Wi-Fi frequency band. Add device.
- Please confirm that the network environment signal of the device is strong and stable.
Investigation method: download the network speed measurement App (ensure that the mobile phone is connected to 2.4 Ghz network), put your mobile phone in the same position as the device, and then test the network upload and download speed of the location (ensure that the speed is at least 2 MB/s, download 2 MB/s or upload 16 Mbps, download 16 Mbps);
- If the network is normal, but the device distribution network fails, please confirm that the

router is not overloaded.

- e). If the router opens the wireless MAC address filtering, you can try to move the device out of the MAC filter list of the router to ensure that the router does not prohibit the device from networking, or close the MAC address filtering;

Software Installation

Method : Search "Smart life" in your APP store ,install "🏠".Click "GET" to install.

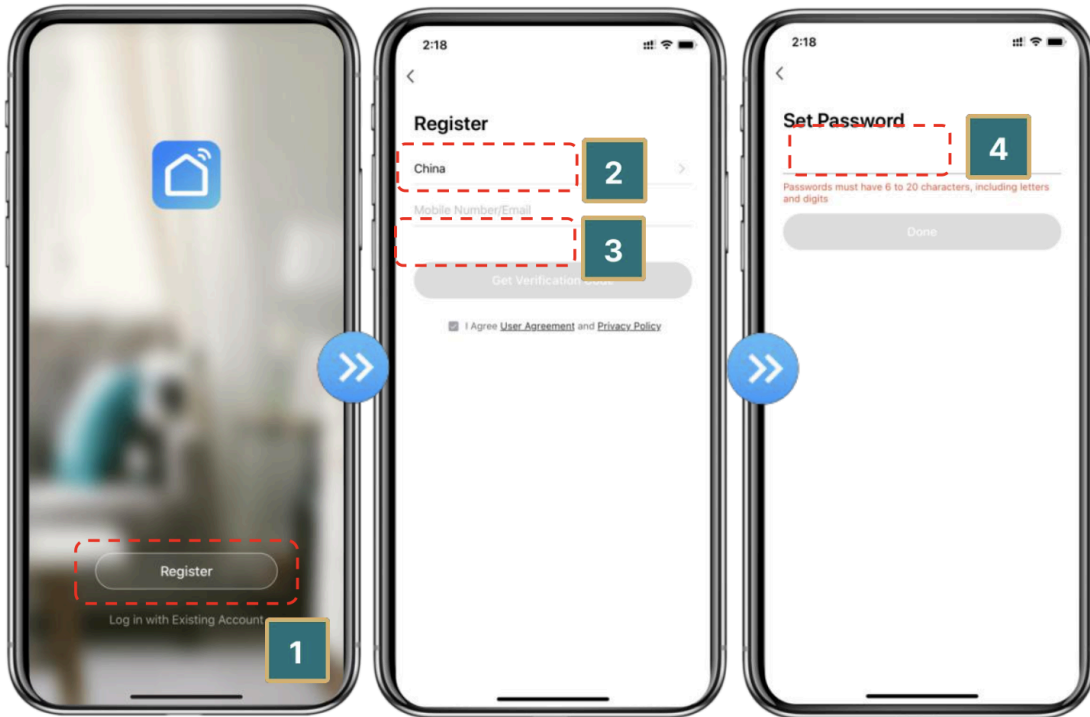


After installation,click "🏠" on your desktop to start up Smart Life.

1. Software Registration and Configuration

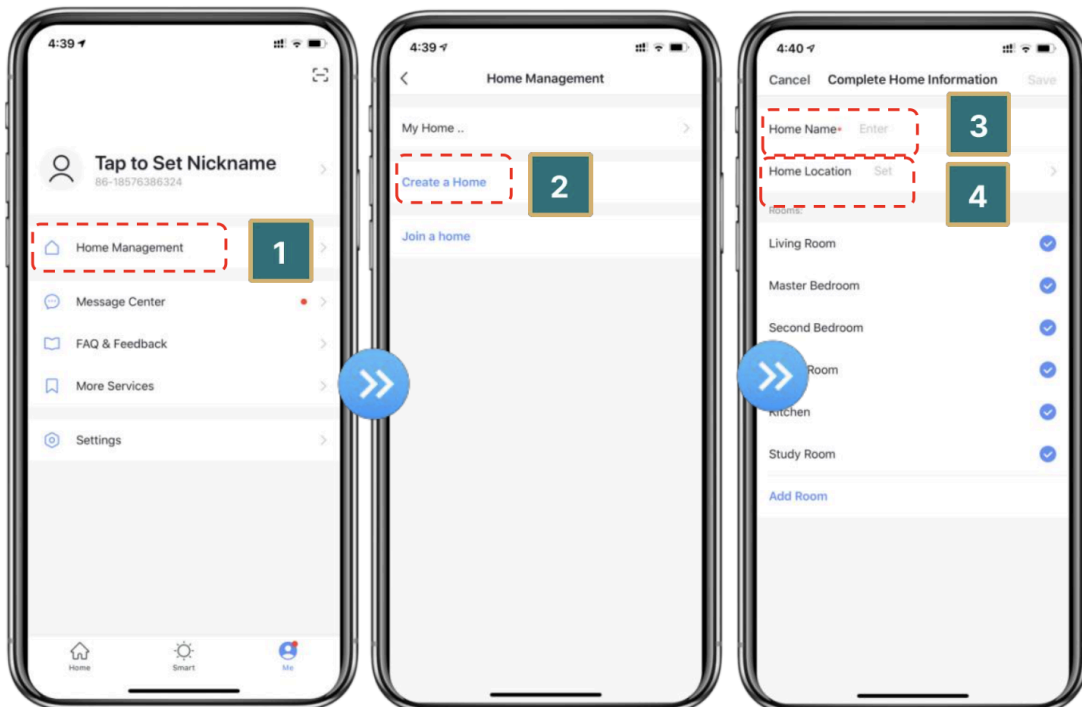
1. Users who don't have an account can click "Register" to create an account:

Register → Enter your phone number → Get Verification Code → Enter Verification Code → Set Code;



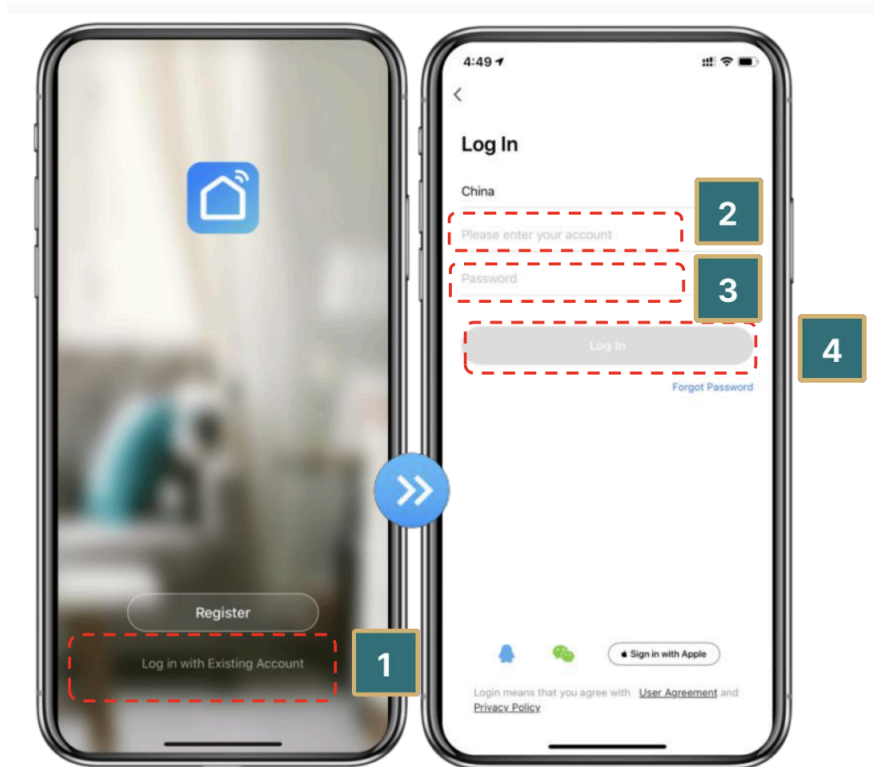
2. After registration, you need to Create a Home:

Create a Home → Set Home Name → Set Home Location → Add Rooms.

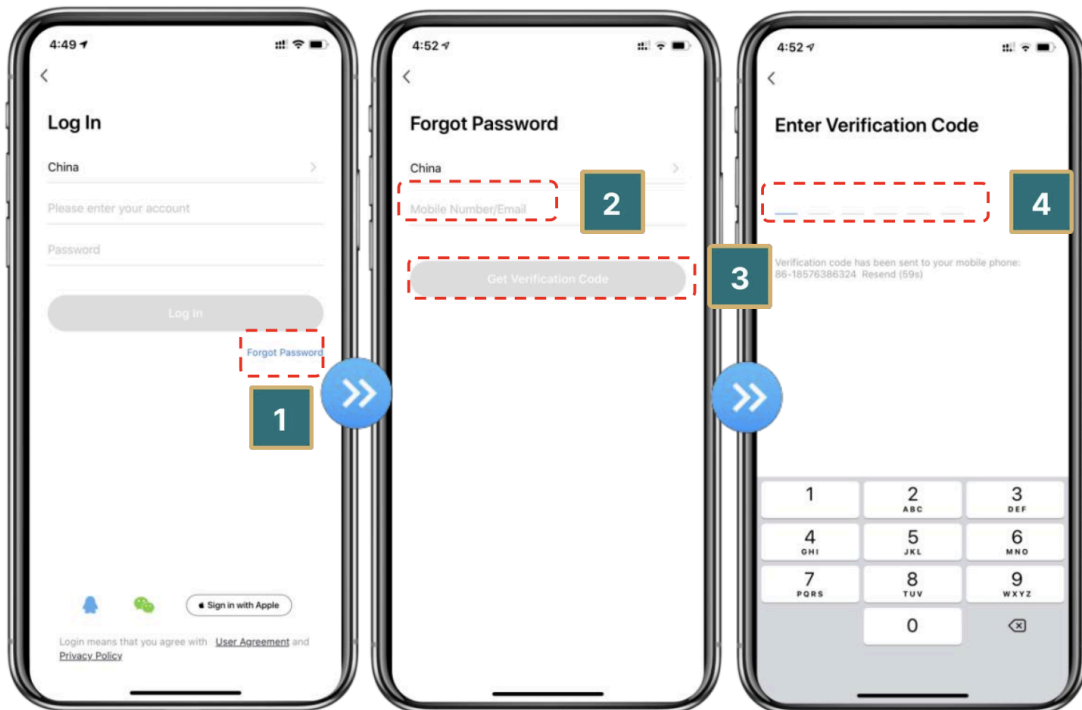


2. Account ID+ Password Login

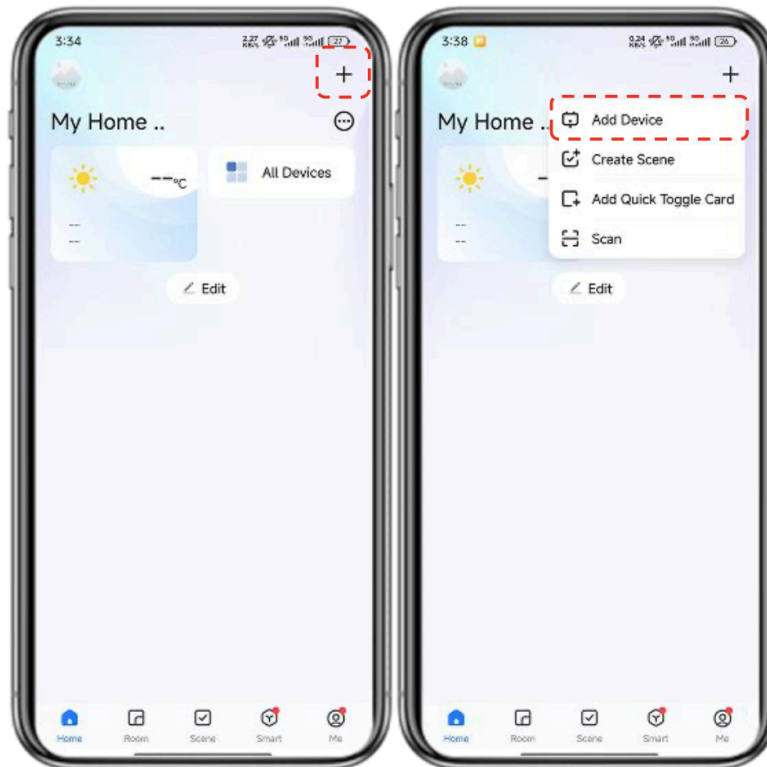
- Existing accounts can be logged in directly, in the following order.



- If you forget your password, you can choose to log in with your verification code and select "Forget Password". Enter your phone number ➡ Get verification code ➡ Enter Verification Code ➡ Successfully Logged In.

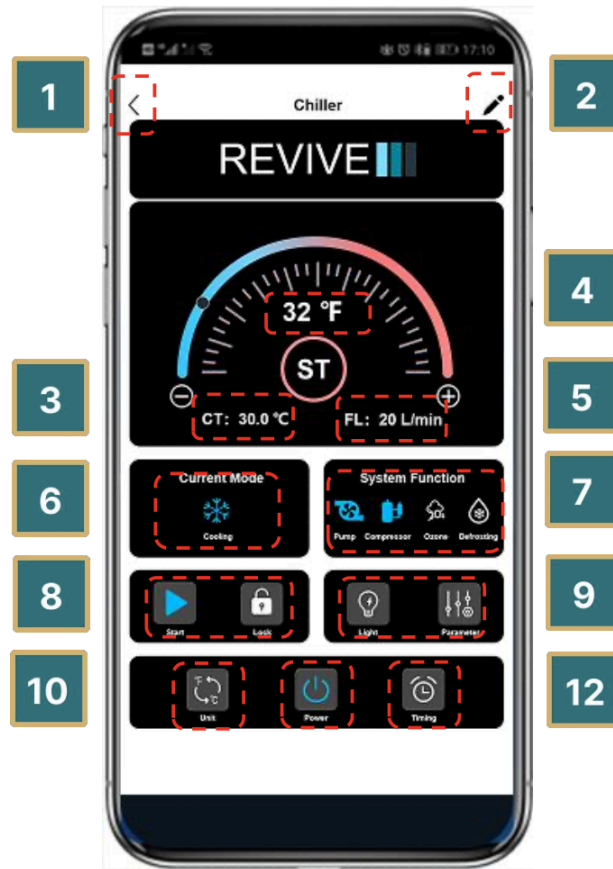


3. After creating a login, enter the main interface of APP. Click “+” in the top right corner to add devices.



2. Software Function Operation

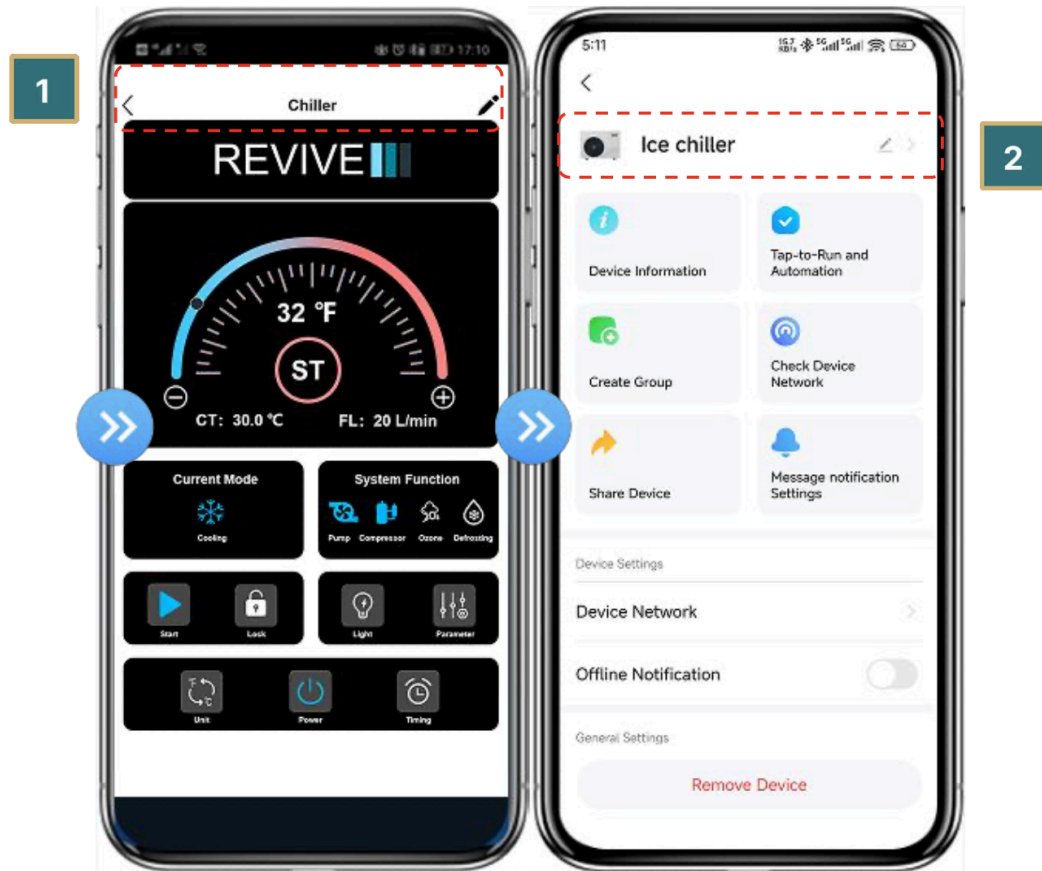
- After the device is connected successfully, enter the operation interface of “Chiller” (Device name, modifiable)
- In the main interface of “Smart Life”, click “Chiller” to enter the operation interface.



1. Back to smart life app interface
2. Settings: You can change device name, select device installation location, check networking status, add Shared users, create device cluster, view device information, and more.
3. Current Temperature
4. Setting Temperature
5. Current Rate
6. Current Mode
7. System Operating Statuses
8. Disinfection and Lock button
9. Light Page & Device Status Page
10. Unit Switch
11. Power
12. Timing Page

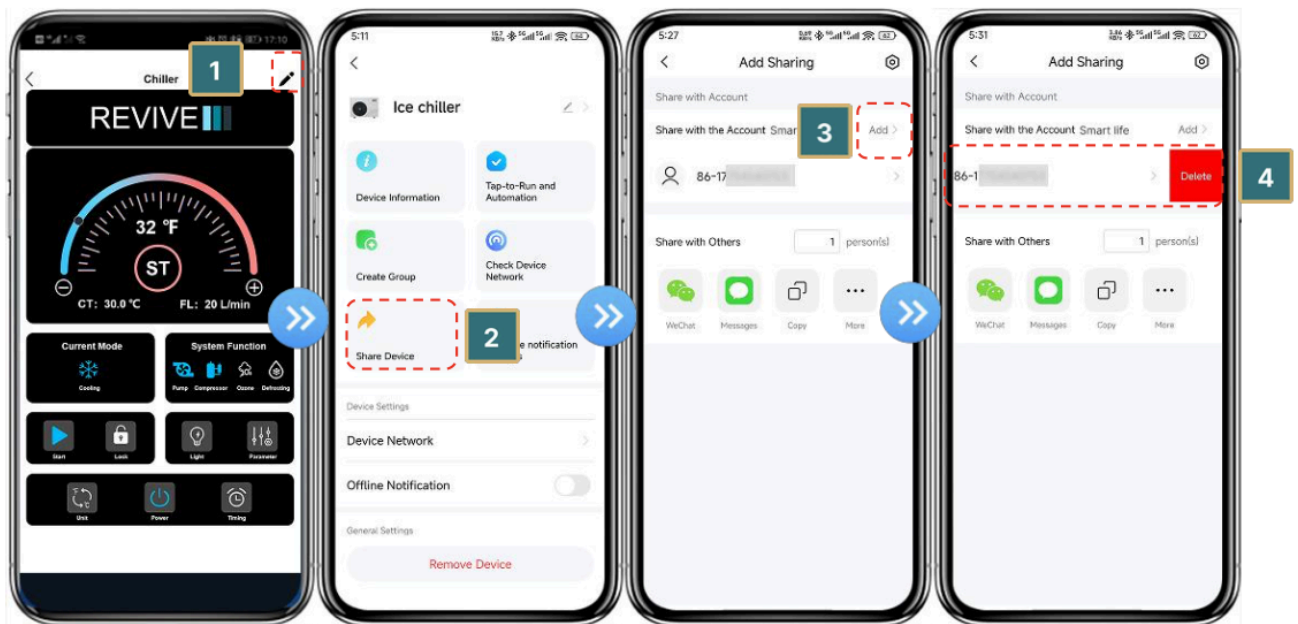
- **Modify device name**

Click the Settings button in the top right corner of the main interface page, and click the edit button to the right of the device name to rename the device.



- **Device Sharing**

1. To share a bound device, follow the steps below ;
2. Enter the shared account, click “Done,” and the newly added shared account will appear in the shared list.
3. If you want to delete the account you shared to, cross the selected account to the left, and delete it



The shared user will see the shared device on the app homepage. Tap the device to enter the app control interface to operate and control it.

Troubleshooting

Fault Code	Fault description	Solutions
E00	Communication Error	1.Check controller-to-mainboard cable. 2.Reboot the unit and retry.
E01	Outlet Temp Sensor Error	1.Check outlet sensor connection. 2.Replace sensor if issue remains.
E02	Heating Coil Sensor Error	1.Check heating sensor connection. 2.Replace sensor if issue remains.
E03	Cooling Coil Sensor Error	1.Check cooling sensor connection. 2.Replace sensor if issue remains.
E04	Discharge Temp Sensor Error	1.Check compressor discharge temp sensor connection. 2.Replace sensor if issue remains.
E05	Suction Temp Sensor Error	1.Check compressor suction temp sensor connection. 2.Replace sensor if issue remains.
E06	Low Pressure Error	1.Check low-pressure switch status. 2.Check refrigerant level or contact support.
E07	Low Outlet Temp Protection	1.Raise target temperature setting. 2.Check pump operation if water flow is low.
E08	High Outlet Temp Protection	1.Lower target temperature setting. 2.Check pump operation if water flow is low.
E09	Low Water Flow	1.Check water inlets/outlets/piping for leaks;. 2.Check pump and debris blocking bathtub inlets/outlets. 3.Clean mesh and filter
E10	High Pressure Error	1.Check high-pressure switch status. 2.Check condenser fan operation and ventilation. 3.Check refrigerant level or contact support.
E11	Ambient Temp Sensor Error	1.Check ambient sensor connection. 2.Replace sensor if issue remains.
E13	High Discharge Temp Protection	1.Pause unit if overloaded. 2.Check condenser fan operation and ventilation.
E14	Flow Switch Error	1.Check flow switch connection. 2.Replace flow switch if issue remains
E15	RGB Light Error	1.Check RGB light connection. 2.Replace RGB light if issue remains

Status Parameter (Advanced Settings Password: 4180)

NO.	Funtion	Set range	Default
P1	Setting temperature	Default	0℃ 32°F
P2	Set temp. hysteresis	-10~10℃ -20~20°F	5℃ 41°F
P3	Sterilization time	1~60min	15
P4	Disinfection INR time	1~120min	55
P5	Call start stop mode	0~1	0
P6	Fault buzzer	0~1	1
P7	Temp alarm upper limit	30~50℃ 86~122°F	50℃ 122°F
P8	Temp alarm lower limit	-10~5℃ 14~41°F	-10 ℃ 14°F
P9	Outlet temp compensation	-4~4℃ -8~8°F	0℃ 32°F
P10	Lower limit of water flow rate	0~100L/min	5
P11	Manual disinfection running time	1~60min	15
P12	Enter defrosting cycle	30~90min	45
P13	Enter defrosting temp	-30~0℃ -22~32°F	-7℃ 19°F
P14	Defrosting exit temp	2~30℃ 36~86°F	13℃ 55°F
P15	Defrosting operation time	1~45min	2
P16	Type of flow switch	0~3	3
P17	Low voltage switch type	0~2	0
P18	High voltage switch type	0~2	0
P19	Traffic detection delay	0~300min	6
P20	Low voltage detection delay	0~300min	60
P21	Ice making machine model	0~1	1

P22	Temperature unit	°F/°C	°C
P23	Flow sensor coefficient	0.1~50	1
P24	Function type	0~1	0
P25	Set upper templimit	20~42°C 68~108°F	20°C 68°F
P26	Set the lower temp limit	-5~3°C 23~37°F	-5°C 23°F
P27	Anti Freezing	-5~6°C 23~43°F	-3°C 27°F
P28	Cooling fan duct temp	25~35°C 77~95°F	30°C 86°F
P29	Cooling shutdown fan pipe temperature	12~22°C 54~72°F	15°C 59°F
P30	Heating fan duct temp	5~15°C 41~59°F	10°C 50°F
P31	Heating shutdown fan pipe temperature	15~30°C 59~86°F	25°C 77°F
P32	Expansion valve	20~90	30
P33	Heating target superheat degree	-4~4°C -8~8°F	1
P34	Cooling target superheat	-4~4°C -8~8°F	1
P35	Main expansion valve mode selection	0~1	1
P36	Manual steps of main expansion valve	2~45 Steps	35
P37	MV SH ratio	1~20	5
P38	MV SH diff	1~180	1
P39	Expansion valve usage	0~1	0
P40	Exhaust temp	100~125°C 212~257°F	115°C 239°F
P41	De icing mode determines water temp	-15~15°C 5~59°F	-2°C 28°F
P42	De icing mode judgment time	0~60 min	15
P43	De icing enters the refrigeration tray temp	-15~0 °C 5~32°F	-6°C 21°F

Routine Maintenance & Care

Regular maintenance is essential to keep your Luxury Plunge running efficiently, extend its lifespan, and ensure clean, safe water for every use. The following tasks should be performed on a consistent schedule based on usage.

Refer to the Plunge Operating Components section for help locating any of the parts mentioned below.

1. Filter Maintenance

Your plunge is equipped with two filters:

- A 10" x 2.5" 5-micron cartridge filter
- A metal mesh pre-filter

Recommended Schedule (Standard Use: ~1 user/day):

- Every 4 weeks:
 - Remove and inspect both filters.
 - Replace the cartridge filter with a new one.
 - Remove, rinse, and reinstall the metal pre-filter.

Note: Heavier usage will require more frequent filter checks and replacements.

2. Tub Cover Cleaning

- Wipe down the tub cover with a soft cloth, mild soap, and warm water to prevent mold or mildew buildup.
 - This is best done each time filters are checked or sooner if buildup is visible.
-

3. Exterior Cleaning

- Use a non-abrasive cleaner and damp cloth to wipe down the exterior of the plunge.
 - Avoid using harsh chemicals or pressure washers.
 - As needed.
-

4. Sanitization

- By default, the sanitation system (Ozone + UV) will run automatically for 15 minutes (Sterilization Time) every 55 minutes (Disinfection INR Time).
- For average use (1-2 plunges per day) it is recommended to reduce the Sterilization Time to 3-5 minutes.
- This run time can be adjusted in the Settings page — see the Parameters section for details.
- To manually turn the sanitization system on or off, hold the Sanitize button for 5 seconds.

Ozone Safety Notice

The sanitization system includes an ozone generator. Ozone gas can be harmful when inhaled in concentrated amounts.

To minimize exposure:

- Always initiate the sanitization cycle after exiting the plunge.
 - Do not sit in the plunge while the ozone system is running.
 - Ensure the plunge is placed in a well-ventilated environment.
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5. Draining the Plunge

- Refer to the Drainage section of this manual for step-by-step instructions on how to fully drain the system.
 - Full drainage is recommended when:
 - The plunge will be unused for more than 1–2 weeks.
 - Performing a deep clean or seasonal shutdown.
 - Water has become unsanitary or chemically imbalanced.
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6. Cold Weather Considerations

- In freezing conditions, follow the guidance in the Winter Operation & Cold Weather Risks section.
 - This includes either:
 - Draining the plumbing system and using the plunge tub passively, or
 - Moving the unit to a temperature-controlled environment.
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7. Inspection Checklist (Monthly)

- Check power cord and plug for signs of wear.
- Ensure air vents are unobstructed and free of debris.
- Inspect plumbing and fittings for signs of leaks.
- Verify GFCI outlet is functioning by using the test/reset buttons.