coldture

Xtreme Dual Contrast System

Installation and User Manual

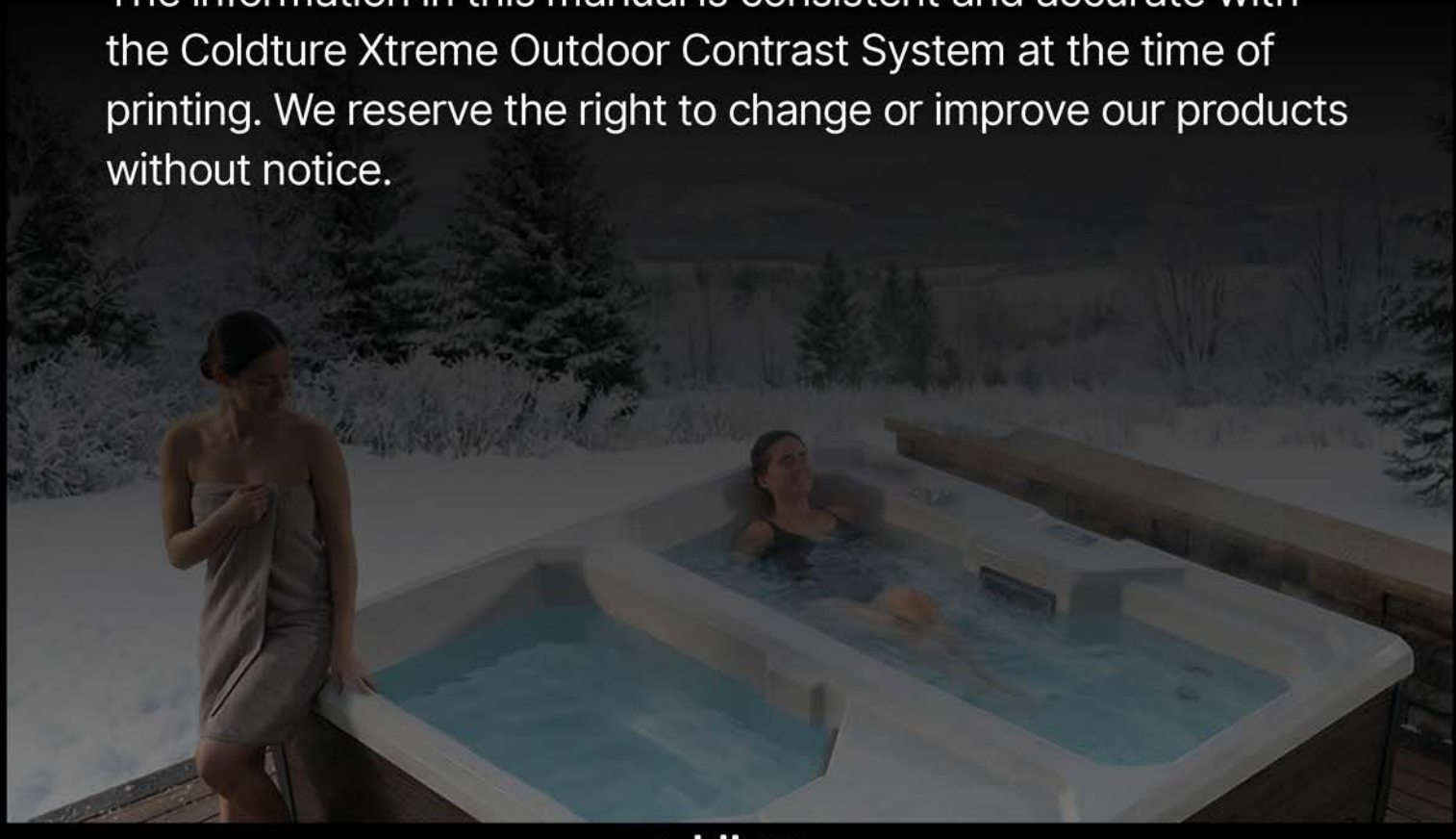
Welcome to the Coldture Wellness Club

Coldture Xtreme Outdoor Contrast System
User Manual

Thank you for choosing the Coldture Xtreme Outdoor Contrast System. Please read the entire user manual before installing and using the Coldture Xtreme Outdoor Contrast System.

The purpose of this manual is to provide you with safety instructions and operating information, as well as some usage tips to help you fully enjoy the Coldture Xtreme Outdoor Contrast System.

The information in this manual is consistent and accurate with the Coldture Xtreme Outdoor Contrast System at the time of printing. We reserve the right to change or improve our products without notice.



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Safety Instructions

Introduction

It's time to relax! You now have your own Coldture Xtreme Outdoor Contrast System. By fully understanding the specific operation of each function of the Coldture Xtreme Outdoor Contrast System, you will be able to experience the benefits of the system without worry.

Your safety is of utmost importance to us. We hope that you will carefully read, understand, and follow all the information in this user manual before installing and using your Coldture Xtreme Outdoor Contrast System. These warnings, instructions, and safety guidelines address some common risks of contrast therapy systems, but they cannot cover all risks and dangers in all situations. Always use caution, common sense, and good judgment when enjoying any water therapy activity. Keep this manual information for future use.

Important Safety Instructions

Prevent diving

Do not insert your fingers into the massage nozzles

The Coldture Xtreme Outdoor Contrast System is not intended for public or commercial use.

When installing and using its electrical equipment, basic safety precautions should always be followed, including the following:
Read and follow all instructions.

WARNING: To reduce the risk of injury, do not allow children to use this product unless they are always supervised by an adult.

Danger: Risk of accidental drowning.
Extreme care must be taken to prevent unauthorized access by children. To avoid accidents, make sure that children cannot use the Coldture Xtreme Outdoor Contrast System without supervision.
DANGER: Risk of injury.
The return fitting in this system is sized to match the flow rate of water produced by the pump. If the pump needs to be replaced, make sure the replacement pump has a compatible flow rate. Do not continue to use the Coldture Xtreme Outdoor Contrast System if the return fitting is damaged or missing, and do not replace the return fitting with one that has a lesser flow rate than the original return fitting.
DANGER: Risk of electric shock.
Do not operate any electrical appliances such as lights, telephones, radios, or televisions within 5 feet (1.5 meters) of the Coldture Xtreme Outdoor Contrast System.
WARNING: To reduce the risk of injury
a) The water temperature of the Coldture Xtreme Outdoor Contrast System should not exceed 104°F (40°C).
Water temperatures between 100°F (38°C) and 104°F (40°C) are considered safe for healthy adults. Lower water temperatures are recommended for younger children.
People with any medical condition that would cause them to use the Coldture Xtreme Outdoor Contrast System for longer than 10 minutes should seek medical advice before use.
b) Because high water temperatures may cause fetal harm in the first few months of pregnancy, pregnant women or those who may become pregnant should seek medical advice before using the Coldture Xtreme Outdoor Contrast System.
c) Before entering the Coldture Xtreme Outdoor Contrast System, the user should measure the water temperature with an accurate thermometer, as the water temperature display may be erroneous or have tolerances.

d) Using alcohol or drugs before or during the use of the Coldture Xtreme Outdoor Contrast System may cause coma and possible drowning.
e) People should consult a physician before using the Coldture Xtreme Outdoor Contrast System.
f) People who take medications should consult a doctor before using the Coldture Xtreme Outdoor Contrast System, as some medications may cause drowsiness and may also affect heart rate, blood pressure, and blood circulation.

Save These Instructions:

Hyperthermia

Hyperthermia occurs when the body's internal temperature reaches a level several degrees above the normal body temperature of 98.6°F (37°C).

Prolonged immersion in hot water may cause hyperthermia.

Symptoms of a high body temperature include:

- Dizziness
- Drowsiness
- Fainting
- Feeling drowsy
- Increased body temperature

Effects of Hyperthermia Symptoms:

- Not aware of impending danger
- Unable to sense temperature
- Failure to recognize the need to exit the Coldture Xtreme Outdoor Contrast System
- The body is unable to exit the Coldture Xtreme Outdoor Contrast System
- Fetal injury in pregnant women
- Unconsciousness leads to drowning risk

Hypothermia

Hypothermia occurs when the body's internal temperature drops a few degrees below the normal body temperature of 98.6°F (37°C).

Prolonged immersion in cold water can cause hypothermia.

Symptoms of hypothermia include:

- Tremors
- Lethargy
- Confusion
- Unconsciousness
- Speechlessness or mumbling
- Slow breathing
- Weak pulse
- Cold, bright red skin (in infants)
- Clumsiness

Effects of Hypothermia Symptoms

- Nervous system failure
- Respiratory system and heart failure
- Failure to realize the need to exit the Coldture Xtreme Outdoor Contrast System
- Failure to recognize impending danger
- Fetal injury in pregnant women
- Physical weakness preventing exit from the Coldture Xtreme Outdoor Contrast System
- Unconsciousness leading to drowning risk

WARNING: Use of alcohol and drugs greatly increases the risk of hypothermia and hyperthermia.

DANGER: To reduce the risk of injury to humans, do not remove the filter baffle and return mask.

The suction force of the water pipe opening inside the filter is high. The lack of baffles may be dangerous to people with long hair. If any part of the body is sucked into these accessories, turn off the Coldture Xtreme Outdoor Contrast System immediately.

As a precaution, long hair should not float freely in the water.

WARNING: When installing the Coldture Xtreme Outdoor Contrast System, ensure that there is adequate drainage around the unit so that water can drain safely and does not soak the system.

Please leave at least 3 feet of clearance around the Coldture Xtreme Outdoor Contrast System to provide adequate space for maintenance.

Leave at least 6 feet of open space around the air outlet of the Coldture Xtreme Outdoor Contrast System to effectively provide adequate ventilation. Please refer to the Coldture Pre-delivery Instructions.

WARNING: When the Coldture Xtreme Outdoor Contrast System is not in use, it should be covered with an approved insulation cover to prevent unauthorized access and possible injury.

WARNING: People with infections, ulcers, or other infectious diseases should not use the Coldture Xtreme Outdoor Contrast System. Improper temperatures may allow infectious bacteria to grow and cause infection.

NOTE: Replace parts only with identical components.

WARNING: Risk of electric shock. Do not connect any auxiliary components (for example, additional speakers, headphones, or additional audio/video components) to the system.

Do not service this product yourself, as removing covers to perform servicing may expose you to dangerous voltage or other risks.

Dangerous voltages. Refer all servicing to qualified service personnel. If the power cord is damaged, water has entered the heat pump, or if there are other signs of potentially dangerous damage, turn off the power and refer servicing to qualified service personnel.
The unit should undergo regular routine maintenance every quarter to ensure it is functioning properly.
Danger: Do not use cold or hot water baths immediately after strenuous exercise. Use them after your muscles have relaxed or your heart rate has returned to normal.
Warning: Prolonged immersion in the Coldture Xtreme Outdoor Contrast System may be harmful to your health.

2. Production Introduction
Welcome to your new Coldture Xtreme Outdoor Contrast System. With proper preparation and care, your system will provide you with many years of recovery and relaxation.
This manual has been developed to provide you with the information that you need regarding the preparation, installation, care, and operation of your new unit. Please take the time to carefully read the entire manual to ensure that your preparations are carried out correctly.
Also make sure that you familiarize yourself with the important safety instructions before using your Coldture Xtreme Outdoor Contrast System.
If you have any questions or doubts about the operation or maintenance of this product, please contact your local retailer.

2.1 Glossary
Your new Spa Plunge may be a dual zone that combines the cold and hot zones. The hot zone uses a combination of nozzles to mix air and water together for a powerful massage effect. The cold tub zone has circulation nozzles plus a small

number of massage nozzles to keep the water moving for a faster cooling effect.

2.2 Spare Parts

1. Nozzle

The hot areas include multiple massage nozzles on the seat back, providing various treatment and massage combinations.

2. Air Switch

These air switch valves are located on the surface of the tank. You can increase or decrease the spray intensity of the nozzle by turning the air switch on or off.

When not in use, the air switch should be kept closed. Introducing air for a long time will change the water temperature.

3. Control Panel

You can control some functions of the Coldture Xtreme Outdoor Contrast System through the control panel.

It is used to control:

- Water temperature
- Water pump start and stop
- LED lights
- Filter cycle
- Other functions

The panel can also display parameter values of the Coldture Xtreme Outdoor Contrast System through the LCD screen and provides some self-programmable functions.

4. Skirt Door

These are the skirt panels located around the Coldture Xtreme Outdoor Contrast System and are removable if the unit needs to be serviced. We recommend that you provide at least 3 feet of access around the Coldture Xtreme Outdoor Contrast System for servicing.

5. Control System

The main function of the control system is to control the water pump on and off and manage other functions in the hot tub area.

The system contains the heater inside.

6. Pull Valve

Maintenance personnel use these pull valves to shut off the water flow so that maintenance work can be done on the system, water pump, and heat pump without draining the water.

7. Massage Pump

Provides water flow to the massage nozzles.

8. Circulation Pump

The circulation pump can run 24 hours continuously for efficient filtration and to provide water flow for the operation of heat pumps and heaters.

9. Heat Pump

The heat pump provides both heating and cooling functions through water temperature adjustment.

10. Joint (Heat Pump, Water Pump, Heater)

For electrical appliances that require repair, the joints can be unscrewed to disassemble the appliance for servicing.

11. Heat Pump Control Panel

This control panel is located in the cold zone and provides direct control of:

- Water temperature
- Lighting
- Timing
- Circulation system

It allows the user to manage system functions directly from the interface.

through “Smart Life” app as well. Please read more information from the controller panel instruction book directly.

12. Circulation nozzle:
These nozzles are water output nozzles of water pumps or heat pumps. Some circulation nozzles are also connected to ozone disinfection facilities to bring in disinfectant gas to disinfect the water.

13. Filter Skimmer:

The paper core can be used to filter out tiny debris from the water, and the built-in baffle can filter out larger objects, such as leaves and plastic bags, to keep the water clean.

14. Paper core:

Installed inside the filter skimmer, it filters out fine debris such as algae, hair and dirt.

15. Return water:
The water pump draws water from the return water, providing water flow for the water pump.

16. Ozone generator:

Can produce ozone gas.

17. Ozone mixing cartridge: Mix water and ozone thoroughly.

18. Ejector:

Mix water and ozone thoroughly.

19. Dual Zone Zoning

2.3. Chemical terms
Chemical terms related to water
Before jumping into Water Maintenance, here are some terms to help you.

1. PARTS PER MILLION (PPM): This is a form of measurement used in most pool or spa chemical readings. Best described as any one million like items of equal size and make up, next to one unlike item, but of equal size. This would be one part per million.

2. TOTAL ALKALINITY (TA): Measures substances in your water such as hydroxides, carbonates and bicarbonates. When at the proper level, these elements keep your water from being cloudy and growing bacteria, as well as preventing the inner workings of your hot tub from deteriorating or forming scales. TA also helps to stabilize pH. The higher the TA level (if it is within the recommended range), the less likely the pH is to change. With low alkalinity, the pH will fluctuate and be harder to control. With high alkalinity, it becomes extremely difficult to change the pH.

3. PH OR POTENTIAL HYDROGEN: This indicates the acidity or basicity of the water. The goal is to have a neutral, stable pH to prevent Xtreme Outdoor Contrast System damage and unhealthy conditions. Low pH levels can corrode metals, etch or stain fiberglass or acrylic, cause unsanitary conditions that irritate the eyes or skin and destruct the total alkalinity of the water. High pH can cause cloudy water, eye or skin irritation, scale formation and poor chlorine efficiency. Note that the chemicals you are using to sanitize and clean your hot tub can also lower or raise the pH level in the water. Unfortunately, there are lots of variables to preventing high pH in your Xtreme Outdoor Contrast System

4. SHOCKING: By shocking the water in your hot tub, you remove organic compounds from the water, kill bacteria, remove bromamines or chloramines and reactivate the bromides in the hot tub for cleaner water. You should shock your water

once a week, after heavy bather use or any time free chlorine levels test lower than total chlorine levels. To do this, either add oxidizer/non-chlorine shock to burn off the chloramines or add extra chlorine to raise the chlorine level.
Oxidizer/non-chlorine shock acts by releasing oxygen in the water, which serves a similar function to chlorine. An advantage to using this type of shock is that the water is safe to enter after 15 minutes of the application and excessive sanitizer (chlorine) levels do not occur. However, an oxidizer/non-chlorine shock doesn't disinfect the water for bacteria. If you use chlorine to shock, you must wait until the total chlorine reading is at a level safe to re-enter the water.

5. SEQUESTERING: This can be defined as the ability to form a chemical complex which remains in the solution, despite the presence of a precipitating agent (i.e. calcium and metals). If the minerals and metals in water are not sequestered, they can cause a reaction, turning the water brown, red, orange or green depending on the minerals and metals present in your water. It is important to add a sequestering agent when adding water to your spa and even on a regular basis (if bottle instructions recommend doing so). Common names for sequestering chemicals are stain and scale control, metal-x, spa defender, spa metal gone, etc.

6. FILTRATION: Filters are necessary to remove particles of dust, dirt, algae, etc., that are continuously entering the water. If the system is not operated long enough each day for the filter to do a proper job, this puts a burden on the chemicals, causing extra expense. Filtration time will depend on the water capacity, pump, filter size and, of course, bather load. Spare filter cartridges should be kept on hand to make it easy to frequently clean the cartridge without the need for a long shut down. This will also allow the cartridge to dry out between usages, which will increase the cartridge life span as much as twice. Replace the cartridge when the pleats begin to deteriorate. Cartridge cleaning should be done at least once a month. More often with a heavy bather load. See Cleaning Your Filter Elements in the Regular Maintenance section.

7. SANITIZERS: Germs and bacteria enter the water from the environment and the human body; a sanitizer keeps the water balanced and safe to use. Chlorine can be used as the sanitizer to create a healthy water environment.
Chlorine:
1. Only one type is approved for hot tub use. Sodium Dichlor which is granular, fast dissolving and pH neutral chlorine.
2. Chlorine is an immediate sanitizer and will be added as needed to maintain free chlorine levels.
NOTE: Bromine is not recommended in the Spa Plunge because it will cause premature deterioration to the

8. TOTAL DISSOLVED SOLIDS (TDS): Materials that have been dissolved by the water, i.e. like what happens when you put sugar in coffee or tea.

9. USEFUL LIFE OF WATER (IN DAYS): Water should be drained at least once every 180 days. Useful life may vary by usage and bather load.

10. DEFOAMER: A chemical used to temporarily reduce foaming. The causes of foaming include body oils, cosmetics, lotions, surface cleaners, high pH or algae, as well as other organic materials. Low levels of calcium or sanitizer can also cause increased foaming. Note that you may need to physically remove the foam and/or drain all or part of your water to remove or dilute the causes of the foam.

11. CALCIUM HARDNESS: This measurement tells you how much magnesium and calcium are in your water. However, calcium hardness can react with all the chemicals, bacteria, dirt and other substances that your water dissolves and get thrown out of balance. Just like the other elements, calcium levels must remain balanced and need to be monitored, or you run the risk of metal deterioration, water foaming or clouding and scale formation at the surface of your water.

12. BIOFILM: This is any group of microorganisms in which cells stick to each other and often these cells adhere to the surface (i.e. the Coldture Xtreme Outdoor Contrast System plumbing

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12. BIOFILM: This is any group of microorganisms in which cells stick to each other and often these cells adhere to the surface (i.e. the Coldture Xtreme Outdoor Contrast System plumbing

and shell). Biofilm can occur over time during the use of your Xtreme Outdoor Contrast System
WHY ARE CHEMICALS IMPORTANT IN A Spa Plunge

1. EVAPORATION: As water evaporates, only pure water evaporates, leaving salt, minerals, metals, and any unused chemicals behind. Adding water adds more salts, minerals, and metals. In time, the water can become saturated with these dissolved solids and can cause stains or scale to form on the walls of the Coldture Xtreme Outdoor Contrast System, or a scale build up inside the equipment. Colored or cloudy water and possible corrosion of plumbing and fittings may also occur.
2. HEAT: Heat causes much quicker evaporation and will cause minerals and metals to precipitate out of solution.
3. AIR: Dust and other airborne contaminants are introduced into the Coldture Xtreme Outdoor Contrast System
4. ENVIRONMENT: The environment surrounding the Spa Plunge can also impact the water quality. Items such as pollen, grass, sand, dirt, lawn fertilizer, airborne dust, insects, leaves, and pets can all affect the water quality of the Coldture Xtreme Outdoor Contrast System
5. BATHERS: As the Coldture Xtreme Outdoor Contrast System is used, bathers introduce contaminants to the water. Increased bather load, length of use and frequency will increase the amounts of contaminants added in to the water

NOTE: The maintenance routines set forth in this manual may need to be adjusted depending on bather load and how much the Coldture Xtreme Outdoor Contrast System is being used

2.3. Product Specifications

Model	Dimensions (inches)	Electrical Requirements	Capacity	Water Capacity (gallons / m^3)	Net Weight (lbs / kg)	Overall Weight (lbs / kg)
Dual Contrast System	85" × 85" × 30"	Hot: 220V / 60Hz Cold: 110V / 60Hz	3 people	Hot: 132 / 0.5 Cold: 113 / 0.43	772 / 350	3377 / 1532

1. The capacity of the the Coldture Xtreme Outdoor Contrast System represents the number of users. The number of users of the Spa Plunge must not exceed the specified seating capacity. If too many users cause the water level to overflow, water may enter the internal equipment area and damage the equipment, so additional users are not allowed to enter.
2. Total weight is based on net weight plus water capacity and weight of maximum occupants (based on average adult weight of 185 pounds); 1 gallon of water equals approximately 8.4 pounds.
3. Due to the existence of tolerance, the final overall weight of the Coldture Xtreme Outdoor Contrast System will deviate. It is recommended that 15% should be added to the overall weight during installation as a reference for load-bearing capacity.

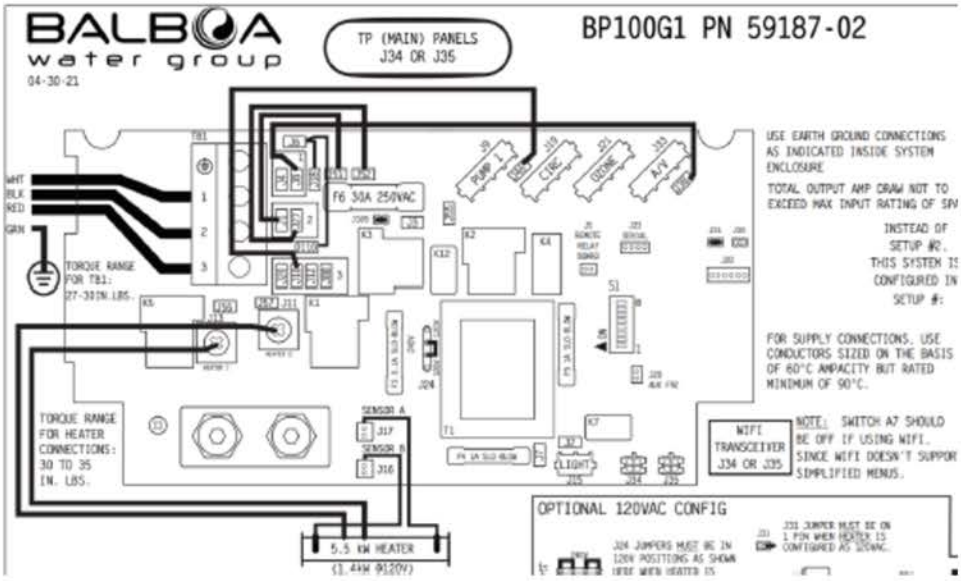
3.Installation Instructions

Xtreme Outdoor Contrast System Set Up
3.1. Location and space:
Please follow the following rules for product placement:
3.1.1 The location where the product is placed 10.1.24 must be convenient for operation and maintenance.
3.1.2 It must be installed on the ground, preferably fixed on a horizontal concrete floor. Make sure the floor is stable enough to support the weight of the device.
3.1.3 Drainage must be provided near the device

to protect its installation area.
3.1.4 The product is well ventilated, with 40" of open space at the air inlet and 40" of open space at the air outlet; do not place anything in this space area. Do not place in a closed room. When the cold-water bathtub is in cooling mode, the exhaust of the hot air will be generated during the cooling process. Adequate airflow is required, and narrow spaces will reduce the cooling/heating output.
3.2. Electrical installation:
Select the appropriate voltage for your Xtreme Outdoor Contrast System. Both models operate at 110V 60Hz. The hot tub's electrical connections must be made according to NEC Code and must be installed near the chiller.

the wiring diagram on the back of the system cover.
3.2.1 All electrical operations must be performed by qualified and licensed electricians, and electrical damage caused by improper operation is not covered by the warranty.
3.2.2 The installation of electrical devices is carried out in accordance with the current standards and regulations of the country where they are located.
3.2.3 The power supply cable must match the rated power of the device and the wiring length required for installation. The cable must be suitable for outdoor use.
3.2.4 In places open to the public, an emergency

3.2.1. Xtreme Dual Wiring Diagram



NOTE: Consult your local code agency to determine if your installation requires covered electrical outlets. If necessary, appropriate outlet covers can be purchased from your dealer. The Coldture Xtreme Outdoor Contrast Systems are equipped with approximately 16 feet (5 meters) of usable power cord. The power cord is stored inside the Coldture Xtreme Outdoor Contrast System for easy transport. Open the Coldture Xtreme Outdoor Contrast System skirt door and locate the power cord.

For your safety, please choose an electrician to install the wiring of the Coldture Xtreme Outdoor Contrast System. According to the local national electrical code, reserve a safe distance between the power socket and the Coldture Xtreme Outdoor Contrast System (qualified electricians will be clear about this code).

Correct unit installation Checklist

- **Power supply voltage matches the unit rated voltage**
- **Correct piping and wiring**
- **Air inlet and outlet ports are unobstructed**
- **Drainage and venting are unobstructed and there is no water leakage**
- **Leakage protector is functioning**
- **Piping insulation is functioning properly**
- **Ground wire is connected correctly**

3.3. Trial operation:

Note: Please check all the wiring carefully before trial operation.

3.3.1. Checking the form

Please confirm the following items before trial operation and fill in √:

3.3.2. Condensate pipe

Connect the heat pump condensate pipe to the drainpipe or discharge it to the ground outside.

3.3.3. Instruction

Step 1: Running test can begin after completing all installation.
Step 2: All wiring and piping should be connected well and carefully checked, then fill water tank with water before power is switched on （Injection: Fill water into the skimmer port to the water level line as required）.
Step 3: Press the "on-off" button on the control panel to make the unit run at the set temperature.;
Step 4: Items need to be checked during running test:
1 During the first run, unit current is normal or not.
2 Each function button on control panel is normal or not.
3 Display screen is normal or not.
4 Are there any leakages in the whole heating circulation system.
5 Condensate drain is normal or not.
6 Are there any abnormal sounds or vibrations during running?

4.Heat Pump Controller Operation

4.1 Operation Instructions

4.1.1 Turn ON / OFF 

Press and hold the power button for 5 seconds.

4.1.2 Mode Switching 

Press the Mode (M) button to switch between heating and cooling modes.
Cooling mode indicator = cooling active. 
Heating mode indicator = heating active. 

4.1.3 Working Mode

The selected mode affects the speed and power consumption of the cooling and heating system.
From Powerful → Smart → Silent mode, operating speed decreases and power consumption is reduced.

Modes include:

Powerful Mode 

Smart Mode 

Silent Mode 

4.1.4 Temperature Unit (Fahrenheit / Celsius) adjustment

Turn the power off. 

Then press and hold the Power button and the Mode (M) button together for 5 seconds to switch between Fahrenheit and Celsius.

4.1.5 Temperature Setting

- Press and hold the Power button for 3 seconds to turn on the system.
- Press the Up or Down arrow buttons to preset the desired water temperature.
- After setting the temperature, press the Power button to confirm.

4.1.6 Timing Setting

- During the timing setting period, the temperature will not increase or decrease.
- The display shows the local time.

To adjust the time:

1. Press the Clock button and the Up arrow button at the same time to enter the time setting mode.
2. Press the Up or Down arrow buttons to set the time.
3. To switch between hours and minutes, press the Clock button.

4.1.7 Cycle Pump

- Press and hold the Up arrow button to turn the water pump on or off.
- The cycle pump will automatically turn off after running for 30 minutes.

4.1.8 Child Lock Protection Setting

- Press and hold the Up arrow and Down arrow buttons simultaneously until the lock icon appears to activate the child lock.

4.1.9 Antifreeze System

- If the system enters the antifreeze process, the controller and app will display an error or protection code.

4.1.10 Temperature Unit

- When the system is turned off, press and hold the Clock button and the Mode (M) button on the main interface for 3 seconds to switch the temperature unit (°C or °F).
- The system will automatically save the selected unit after the change.

Antifreeze Protection Levels

Level 1 Antifreeze

- When the ambient temperature is ≤ 41°F (5°C), the machine enters Level 1 antifreeze protection.
- The water pump runs for 30 seconds every 10 minutes in a cycle.
- When the ambient temperature rises to ≥ 46°F (8°C), the machine exits Level 1 antifreeze protection.

Level 2 Antifreeze

- When the ambient temperature is ≤ 41°F (5°C) and the outlet water temperature is ≤ 36°F (2°C), the machine enters Level 2 antifreeze protection and automatically activates the heating protection system.

Restore factory settings

If you accidentally press other programs and cannot control the panel or there is a problem, don't worry, it is not a product problem, please try to restore the program to factory settings and try again)

- When the system is in the OFF state, press and hold the Clock, Mode (M), Up arrow, and Down arrow buttons simultaneously for 3 seconds.
- The system will beep twice, and all parameters will be restored to the factory default settings.

4.2. Error Code

Code	Fault Description
Er 03	Water flow fault
Er 04	Winter antifreeze
Er 05	High pressure fault
Er 06	Low pressure fault
Er 09	Mainboard-wire control communication fault
Er 10	Frequency conversion module communication fault (alarm when communication between the external
Er 12	Exhaust high protection
Er 15	Inlet water temperature fault
Er 16	External coil temperature fault
Er 18	Exhaust temperature fault
Er 19	DC fan 1 fault
Er 20	Frequency conversion module abnormal protection
Er 21	Ambient temperature fault
Er 23	Cooling water outlet temperature too low protection
Er 27	Water outlet temperature fault
Er 28	CT overcurrent protection
Er 29	Return air temperature fault
Er 32	Heating water outlet temperature too high protection
Er 33	Outdoor coil high temperature protection
Er 42	Internal coil temperature fault
Er 44	Cooling environment temperature too low protection
Er 45	Heating environment temperature too low protection

4.3 Troubleshooting

No.	Fault	Analysis	Solution
E03	Water flow failure	1. Water flow switch is poorly connected to the main board. 2. Water flow switch installed in the wrong direction. 3. Water flow switch is broken. 4. Circuit board defective. 5. Water flow too low. 5.1 Waterway blocked. 5.2 Water pump too small. 5.3 Water pipe too small. 5.4 Water flow switch stuck and cannot reset. 6. No water flow. 6.1 Water line valves not open. 6.2 Water pump not working. 6.3 Water pump failure.	1. Connect the water flow switch. 2. Install the water flow switch in the correct direction. 3. Replace the water flow switch. 4. Replace the main board. 5.1 Clear the clogged pipe. 5.2 Replace the water pump with a suitable one. 5.3 Replace water pipes. 5.4 Reset the water flow switch. 6.1 Open the valve. 6.2 Turn on the water pump. 6.3 Replace the water pump.
E04	Anti-freeze protection	When ambient temperature is ≥ 8°C or water outlet temperature is ≥ 15°C, the system exits freeze protection.	Freeze protection mode.
E05	High pressure protection	1. Loose wiring or poor connection of the high-pressure switch. 2. High-pressure switch malfunction. 3. Main board failure. 4. Poor condensing. 4.1 Water temperature too high (out of operating range). 4.2 Low water flow. 4.2.1 Water system valves not open. 4.2.2 Blockage in heat exchanger or valve section. 4.2.3 Improper water pump selection.	1. Reconnect the wire. 2. Replace the high-pressure switch. 3. Replace the main board. 4.1 Operate within the allowable range. 4.2.1 Open the valve. 4.2.2 Clean the blocked part or replace it. 4.2.3 Change the pump according to water flow and head requirements. 4.2.4 Replace the water pump. 5. Clean or replace clogged parts. 6. Vacuum and refill the refrigerant.

4.3 Troubleshooting

No.	Fault	Analysis	Solution
E06	Low pressure protection	1. Low-pressure switch wiring is loose or poorly connected. 2. Low-pressure switch malfunction. 3. Main board failure. 4. Refrigerant leakage. 5. Expansion valve not functioning properly.	1. Reconnect the wiring. 2. Replace the low-pressure switch. 3. Replace the main board. 4. Locate the leak, evacuate, and refill refrigerant. 5. Check and confirm proper expansion valve function.
E09 / E10	Communication failure	1. Wire controller poorly connected to the main board. 2. Wire controller failure. 3. Main board failure. 4. Communication lines and power lines routed together causing electrical interference.	1. Reconnect the remote-control cable. 2. Replace the remote controller. 3. Replace the main board. 4. Separate communication lines from high-voltage lines.
E12	Exhaust temperature too high protection	1. Temperature sensor failure. 2. Refrigerant leakage or insufficient refrigerant. 3. Low water flow. 3.1 Water system clogged. 3.2 Water pump not suitable. 3.3 Water pipe too small. 4. No water flow. 4.1 Valve not open. 4.2 Water pump not operating. 4.3 Water pump failure.	1. Replace the temperature sensor. 2. Repair the leak and refill refrigerant according to specifications. 3.1 Clean or replace blocked components. 3.2 Replace the water pump based on required flow and head. 3.3 Replace undersized water pipes. 4.1 Open the valve. 4.2 Turn on the pump. 4.3 Replace the water pump.
E15	Inlet water temperature sensor failure	1. Temperature sensor poorly connected to the main board. 2. Temperature sensor failure. 3. Sensor resistor on the main board faulty.	1. Reconnect the temperature sensor cable. 2. Replace the temperature sensor. 3. Replace the main board.
E16	External coil temperature sensor failure	1. Temperature sensor poorly connected to the main board. 2. Temperature sensor failure. 3. Sensor resistor on the main board faulty.	1. Reconnect the temperature sensor cable. 2. Replace the temperature sensor. 3. Replace the main board.

4.3 Troubleshooting

No.	Fault	Analysis	Solution
E18	Exhaust temperature fault	1. Temperature sensor poorly connected to the main board. 2. Temperature sensor failure. 3. Sensor resistor on the main board faulty.	1. Reconnect the temperature sensor cable. 2. Replace the temperature sensor. 3. Replace the main board.
E19	DC fan failure	1. DC fan poorly connected to the main board. 2. DC fan failure.	1. Check the DC fan motor and its connection with the PCB wiring. 2. Replace the DC fan.
E21	Ambient temperature fault	1. Temperature sensor poorly connected to the main board. 2. Temperature sensor failure. 3. Sensor resistor on the main board faulty.	1. Reconnect the temperature sensor cable. 2. Replace the temperature sensor. 3. Replace the main board.
E27	Outlet water temperature fault	1. Temperature sensor poorly connected to the main board. 2. Temperature sensor failure. 3. Sensor	1. Reconnect the temperature sensor cable. 2. Replace the temperature sensor. 3. Replace the main board.
E29	Return air temperature fault	1. Temperature sensor poorly connected to the main board. 2. Temperature sensor failure. 3. Sensor resistor on the main board faulty.	1. Reconnect the temperature sensor cable. 2. Replace the temperature sensor. 3. Replace the main board.
E42	Internal coil temperature fault	1. Temperature sensor poorly connected to the main board. 2. Temperature sensor failure. 3. Sensor resistor on the main board faulty.	1. Reconnect the temperature sensor cable. 2. Replace the temperature sensor. 3. Replace the main board.

4.4 Wi-Fi Settings

Please refer to the video instructions available on our website.

5.2 General Maintenance

Cleaning and Maintenance of Acrylic

The bath surface is made of high-gloss acrylic plastic. It is recommended to clean the surface regularly to maintain appearance and performance.

t is recommended to drain and refresh the water line once a week to remove accumulated dirt and scum. When the Coldture Xtreme Outdoor Contrast System begins to drain, the entire surface should be cleaned as follows:

Clean the surface with a damp towel. A neutral detergent and a soft cloth may be used.

Do not use detergents containing ketones or chlorine. If there are slight scratches on the surface, they can be sanded with fine sandpaper and then polished with a fine polishing compound.

Do not use chemical solutions or rough tools to clean the bathtub surface, and do not scratch the surface with hard objects or knives. Avoid cleaning the surface with nail polish, nail polish remover, dry-cleaning detergents, acetone, paint remover, or similar chemicals, as these can damage and prematurely age the surface.

Do not expose the Coldture Xtreme Outdoor Contrast System surface to any heat source exceeding 70°C.

When the system is not in use, always cover it with a rain cover or thermal cover, especially in outdoor environments. Avoid long-term exposure to outdoor weather conditions and direct sunlight.
Cleaning and Maintenance of Skirt Panels
The skirt panels are made of UV-resistant PS plastic. They only require regular cleaning by rinsing with a hose. If necessary, wipe the surface with mild soapy water and a soft cloth.

Nozzle Cleaning and Maintenance
Place the nozzle in a container and completely submerge it in white vinegar. Allow the nozzle to soak overnight, then rinse thoroughly with water and reinstall it.
If necessary, use a stiff-bristle brush to remove any deposits from the nozzle.

Insulation Cover and Rain Cover Maintenance
When the Coldture Xtreme Outdoor Contrast System is not in use, always use the included thermal cover and rain cover to protect the unit. Using the thermal cover during periods of non-use will:

- Significantly reduce energy consumption
- Allow the water to cool or heat more quickly
- Reduce water evaporation and chemical usage

Follow the manufacturer's instructions and ensure the insulation cover is installed securely.

Ensure the insulation cover is installed tightly to achieve maximum insulation.

Be sure to lock all straps on the thermal cover after each use.

Do not expose the Coldture Xtreme Outdoor Contrast System to direct sunlight. Heat and UV rays from prolonged exposure may damage the housing surface and can also cause discoloration or damage to other components.

Clean the insulation cover and rain cover at least once a month using mild soapy water, then rinse thoroughly with clean water to remove contaminants and soap residue.

If mold appears (especially on the underside of the insulation cover), wipe it with a soft cloth using a bleach and water solution, then rinse thoroughly with clean water.

Keep the lid open for at least 15 minutes after adding chemicals to prevent excessive buildup of gases that may damage the insulation cover.
When using the Coldture Xtreme Outdoor Contrast System, place the cover in a clean and dry location to prevent the buildup of dirt and bacteria.

Cleaning and Care of Stainless Steel
The Coldture Xtreme Outdoor Contrast System includes several stainless-steel components, such as nozzles and structural frame elements. Stainless steel offers excellent durability, corrosion resistance, and long-term aesthetic quality.
With proper care, stainless-steel components will maintain their appearance for many years.
The best way to protect stainless steel components is to ensure that the Coldture Xtreme Outdoor Contrast System remains clean and free of chemical buildup.

Cleaning and Care of the Filter
The filter element is one of the most important components of the Coldture Xtreme Outdoor Contrast System. It plays a critical role in maintaining clean water, extending the life of the equipment, and reducing the need for frequent water changes.
The filter should be cleaned regularly, typically at least once per month under normal use.
Always:

- Rinse the filter frequently with fresh, clean water.

When the system is not in use, always cover it with a rain cover or thermal cover, especially in outdoor environments. Avoid long-term exposure to outdoor weather conditions and direct sunlight.
Cleaning and Maintenance of Skirt Panels
The skirt panels are made of UV-resistant PS plastic. They only require regular cleaning by rinsing with a hose. If necessary, wipe the surface with mild soapy water and a soft cloth.

Nozzle Cleaning and Maintenance
Place the nozzle in a container and completely submerge it in white vinegar. Allow the nozzle to soak overnight, then rinse thoroughly with water and reinstall it.
If necessary, use a stiff-bristle brush to remove any deposits from the nozzle.

Insulation Cover and Rain Cover Maintenance
When the Coldture Xtreme Outdoor Contrast System is not in use, always use the included thermal cover and rain cover to protect the unit. Using the thermal cover during periods of non-use will:

- Significantly reduce energy consumption
- Allow the water to cool or heat more quickly
- Reduce water evaporation and chemical usage

Follow the manufacturer's instructions and ensure the insulation cover is installed securely.

Ensure the insulation cover is installed tightly to achieve maximum insulation.

Be sure to lock all straps on the thermal cover after each use.

Do not expose the Coldture Xtreme Outdoor Contrast System to direct sunlight. Heat and UV rays from prolonged exposure may damage the housing surface and can also cause discoloration or damage to other components.

Clean the insulation cover and rain cover at least once a month using mild soapy water, then rinse thoroughly with clean water to remove contaminants and soap residue.

If mold appears (especially on the underside of the insulation cover), wipe it with a soft cloth using a bleach and water solution, then rinse thoroughly with clean water.

Keep the lid open for at least 15 minutes after adding chemicals to prevent excessive buildup of gases that may damage the insulation cover.
When using the Coldture Xtreme Outdoor Contrast System, place the cover in a clean and dry location to prevent the buildup of dirt and bacteria.

Cleaning and Care of Stainless Steel
The Coldture Xtreme Outdoor Contrast System includes several stainless-steel components, such as nozzles and structural frame elements. Stainless steel offers excellent durability, corrosion resistance, and long-term aesthetic quality.
With proper care, stainless-steel components will maintain their appearance for many years.
The best way to protect stainless steel components is to ensure that the Coldture Xtreme Outdoor Contrast System remains clean and free of chemical buildup.

Cleaning and Care of the Filter
The filter element is one of the most important components of the Coldture Xtreme Outdoor Contrast System. It plays a critical role in maintaining clean water, extending the life of the equipment, and reducing the need for frequent water changes.
The filter should be cleaned regularly, typically at least once per month under normal use.
Always:

- Rinse the filter frequently with fresh, clean water.

Remove any rust spots that appear with vinegar or a brass, silver or chrome cleaner.
Use good car wax for extra protection.
After adding chemicals to the water, remove the insulation cover for at least 15 minutes.
Never:
Cleaning with mineral acids or bleach, wire brushes or any other abrasive materials.
· Keep in contact with iron, steel or any other metal.
· Always soak in water after adding chemicals.

NOTE: If stainless steel is not properly cared for, it may rust. Corrosion and rust are not covered under warranty.

4.4.1. Software Installation

Search" Smart life" in your APP store, install " ".Click "GET" to install or Scan the QR code below.

For IOS and Android Users

4.4.2 Software Startup

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

4.4.3 Software Registration and Configuration

Registration

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

Register

Enter your phone number

Get Verification Code

Enter Verification Code

Set Code

After registration, you need to Create a Home, set home name and locations.

After creating a home or logging in, enter the main interface of APP.

Note:

Click the device to check the status, and you can set the operating mode, ON/OFF, timer. Click "+" to add devices.

4.4.4. Wi-Fi Module configuration steps:

Optimum way

4.4 Wi-Fi Setup

Step 1

When the power is on, press and hold the Mode (M) and Up arrow buttons at the same time for 3 seconds to enter network configuration mode.

The Wi-Fi icon will begin flashing rapidly.

Step 2

Turn on the phone's Wi-Fi function and connect to your Wi-Fi network. Ensure the Wi-Fi network has normal internet access.

Step 3

Open the Smart Life app and log in.

From the main interface, tap the "+" icon in the top right corner or select "Add Device."

In the device selection menu:

- Choose Large Home Appliances
- Select Smart Heat Pump
- Add the device to the interface.

Step 4

After selecting Smart Heat Pump, enter the Add Device screen and confirm that the controller is in EZ Mode.

When the Wi-Fi indicator light flashes rapidly, select "Confirm indicator rapidly blink."

Enter the Wi-Fi connection interface and input the Wi-Fi password for the network your mobile phone is connected to.

Tap "Next", and the system will proceed to the device connection status.

Step 5

When the following processes are completed, the connection will be successful:

- Scan Devices
- Register on Cloud
- Initialize the Device

4.4.5 Software Function Operation

1. After the device is successfully bound, enter the operation interface for "Smart Heat Pump" (the device name can be modified).
2. In the main Smart Life app interface, select "Smart Heat Pump" to open the control and operation interface.

App Interface Overview

1. Back
2. More
   - Change device name
   - Select installation location
   - Check network status
   - Add shared users
   - Create device groups
   - View device information and other settings
3. Temperature Adjustment
   - Rotate the control dial counterclockwise to decrease temperature
   - Rotate clockwise to increase temperature
4. Target Temperature
5. Current Temperature
6. Power ON / OFF
7. Mode Switching
   - Tap to select the operating mode.
8. Timer
   - Tap to schedule automatic start or stop times.

3. Modify Device Name

To rename the device:

1. Enter Device Details.
2. Select Device Name.
3. Enter the new name and confirm.

4. Device Sharing

To share a connected device, follow these steps:

- Open the device settings and select Device Sharing.
- Enter the account of the user you want to share access with.
- Tap Done to complete the sharing process.

After sharing is successful, the shared account will appear in the sharing list.

To remove a shared account:

- Swipe the selected account to the left and delete it.

The recipient will see the shared device in their interface and can access and control the device directly.

5. Mode Settings

Tap “Mode” on the main interface to switch operating modes.

Select the mode that best suits your needs.

Available modes include:

- Smart Heating Mode
- Powerful Heating Mode
- Silent Heating Mode
- Smart Cooling Mode
- Powerful Cooling Mode
- Silent Cooling Mode

Each mode adjusts the system's performance to prioritize efficiency, power, or quiet operation depending on your preference.

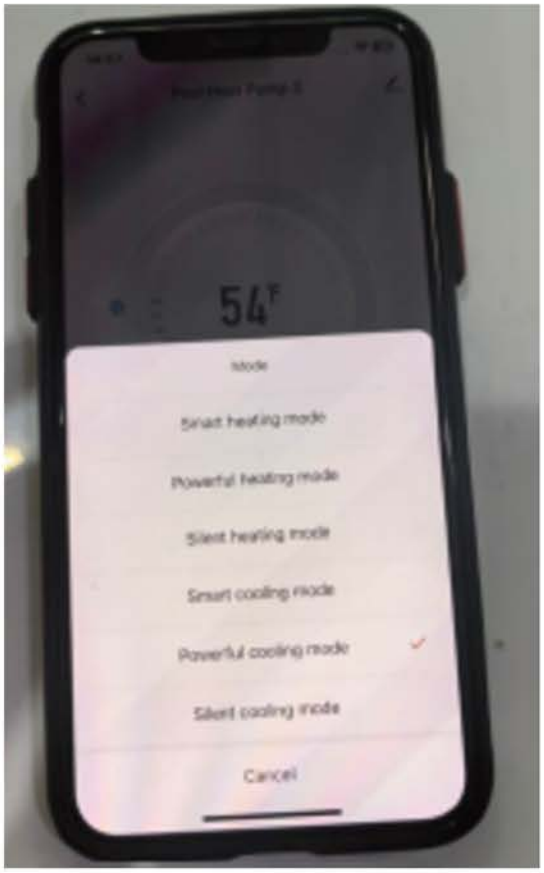
6. Timer Settings

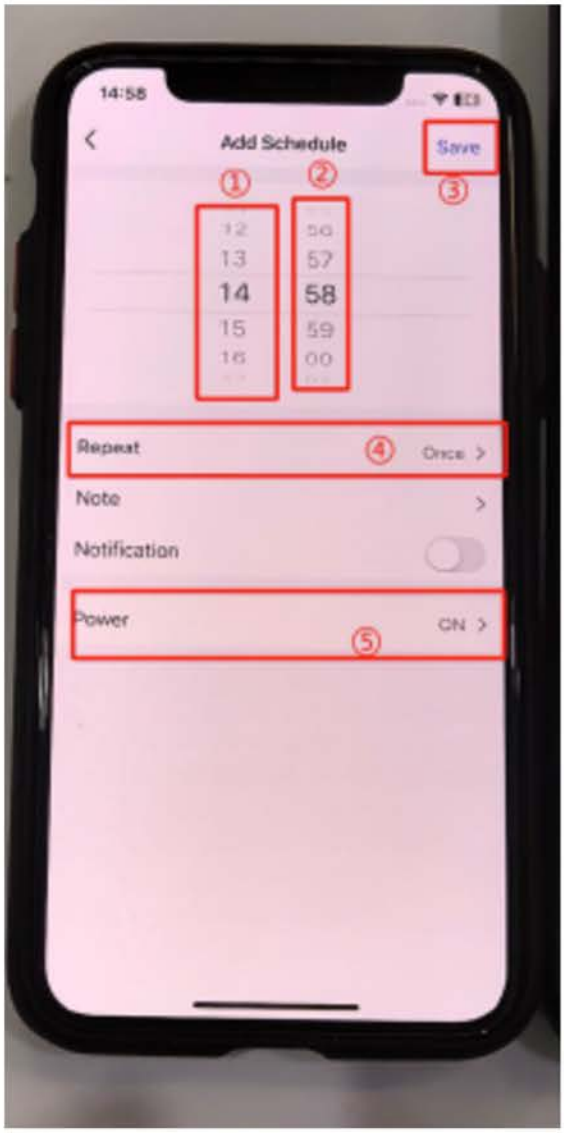
Tap “Timer” on the main interface to enter the timer settings page.

From this interface you can:

- Add a timer
- Schedule automatic start times
- Schedule automatic shut-off times

This allows the system to run automatically according to your preferred schedule.





After entering the Timer Settings interface, swipe up or down to adjust the timer.
Set the desired time, repetition days, and power ON/OFF schedule, then tap “Save” to confirm.

Timer settings include:

1. Hours
2. Minutes
3. Save your changes
4. Set repetition (days of the week)
5. Set Power ON/OFF

Note: The temperature will not change automatically during the scheduled timer period. Practical note: If timer scheduling becomes inconsistent, using Smart Mode is generally the most reliable option. Simply set your desired temperature, enable Smart Mode, and allow the system to maintain it automatically.

7 Device Removal

To remove a connected device, open the device settings and select Remove Device when needed.

5. Maintenance and Cleaning

5.1 Water Maintenance

Recommended Water Ranges

Before treating your water, refer to the Specifications section of the manual to confirm the correct water capacity for your Spa Plunge. Always follow the chemical manufacturer's instructions, as dosage and application can vary. When adding chemicals, disperse them across the water surface while the pump is running.

Scope:

Turbidity of water	The bottom is clearly visible
Water colour	There should be no colour
Total Alkalinity (TA)	80–150 ppm
pH	7.2–7.6
Chlorine	2–4 ppm
Calcium hardness	50–150 ppm

Important note: Improper chemical use may lead to unsanitary water conditions, surface damage, discoloration, or degradation of Xtreme Dual components.

Basic Water Maintenance

If the water has not been changed for a long period, test the water quality before use. Key values to test include: pH level, Total alkalinity, Calcium hardness

Testing kits or chemical test strips can be used. When testing, it is recommended to take a water sample rather than testing directly inside the plunge, as test agents may affect water balance.

Refer to your unit's capacity specifications to determine the correct amount of treatment chemicals.

After adding chemicals, leave the insulation cover open for at least 15 minutes to prevent chemical fumes from damaging the insulation cover, pillows, stainless steel hardware, or other components.

Water Maintenance Schedule

Before Each Use

Test water to confirm pH and sanitation levels are within recommended ranges.

Refer to the recommended water ranges section and adjust chemicals if necessary.

Do not enter the plunge if chlorine levels are outside the safe range.

After Each Use

Test water quality and adjust chemicals as required to maintain proper pH and free chlorine levels to ensure hygienic conditions.

Once a month

You should clean your filter regularly. Once a week, remove the filter and use a high-pressure hose to pull debris out of the filter.

3 times a week

Test the water using chemical test strips or a test kit. Follow the directions on the chemical manufacturer's packaging and adjust the disinfectant, pH, and total alkalinity accordingly. If the free chlorine level is lower than the total chlorine level, additional oxidation treatment is necessary.

Once a Quarter

You should soak the filter. The filter should be replaced at least once a year. With time and use, microorganisms and algae may appear, and chemicals can help remove them. Use according to the manufacturer's instructions.

NOTE: Your drain valve is located on the base. To drain the water, follow these steps:

1. The drain valve is in closed state currently.
2. Pull the center pull valve out of the first stage (it will get stuck).
If you do not need to connect an extended drain hose:
3. Turn the valve counterclockwise to open the lid and drain the water immediately.

If you need to connect an extended drain hose:
1. After completing the second step above, slightly rotate valve left and right to find the appropriate position and pull the valve out to the third stage.

2. Turn the valve counterclockwise to open the lid. The valve is not closed currently.
3. Use the adapter we deliver to connect one section to the extended drainpipe; then install the adapter clockwise at the valve.
4. Turn the left or right valve to the appropriate position and push it inward to the second stage. The water can be drained immediately.
Warning: Before removing the filter, make sure the power to the Xtreme Tub is off. If the pump is still running after removal, anything may enter the pump or heater. Failures caused by these will not be covered by the warranty.
Note: If draining water in freezing temperatures, caution and careful planning should be used to ensure that the water is quickly replenished again. When temperatures drop below freezing, excess water in the pipes may freeze in a short period of time and damage the pipes and other parts.

5.2 Water maintenance Troubleshooting Guide

Question	Cause Analysis	Repair
Chlorine smell	Chlorine excess or not enough; Low pH	Treat with oxidizing agents after testing; Adjust pH if necessary
Water has smell	Low disinfectant content	Adjust disinfectant levels using chlorinated granules
	pH value out of range	Adjust pH if necessary
	Bacterial or algae growth	Use disinfectant/algaecide; water may need to be changed
Water becomes cloudy	Dirty filter paper core causing insufficient filtration	Clean the filter paper
	Unbalanced water chemistry	Test and adjust to achieve water quality balance
Water becomes cloudy and green	Long use time	Drain, clean, and refill the inner shell
	Low total alkalinity levels	Use pH adjusters
	Low disinfectant content	Treat with oxidizing agents
Water is clear and green	High iron or copper levels	Use chelating agents
	Low disinfectant content	Treat with oxidizing agents
Water turns brown	High iron or manganese	Use chelating agents

Foam generation	High body oils or lotions	Add small amount of antifoam (enzyme product) and test
	Low calcium hardness	Use calcium hardness increasers
	Unbalanced water chemistry	Test and adjust to achieve water quality balance
Eye and skin irritation	Unclean water	Test and adjust water quality; replace water if necessary
	Total chlorine content too high	Treat with oxidizing agents
	Low disinfectant content / pH imbalance	Adjust pH if necessary
Scum on water level	Body oil and dirt	Use a multi-purpose cleaner on tank surface and add an enzyme product
White precipitate	Minerals in water	After draining, clean with all-purpose cleaner or white vinegar and scrub with a soft cloth

Note: If there is a problem that cannot be found or solved, please contact your local dealer for processing. WARNING: Add the exact amount specified to water. Do not mix products to avoid possible reactions. Do not smoke when handling these products - they may be flammable. Do not add chemical products to water if someone is using them. Keep chemical product containers sealed in a dry, well-ventilated area and use these products away from children. Do not inhale chemical products and be careful not to let them come into contact with eyes, nose or mouth. Wash hands after use. In case of accident or ingestion, follow the emergency instructions on the product label.

5.3 Xtreme Dual Troubleshooting Guide

Fault Description	Analysis	Solution
The control panel displays an error code and the Xtreme Dual e stops working	Determine the issue based on the error code displayed	Refer to the error code troubleshooting section in the Panel Operation Manual. If the issue cannot be resolved, contact a local dealer.
Xtreme Dual cannot start	1. Power outage 2. Control panel locked 3. Control panel failure (error code displayed)	1. Check whether the power switch or leakage switch is turned on. 2. Check if the control panel is unlocked. 3. Refer to the Panel Operating Instructions for error code troubleshooting.

Issue	Cause Analysis	Solution
Xtreme Dual automatically starts	1. Filtering is running 2. Heating function is running 3. Antifreeze function is operating	The system will stop automatically once the program finishes.
Pump off	1. Pump running time exceeds the system’s default maximum running time 2. Water pump motor overheating protection activated	1. Press the pump button again to restart the pump. 2. Turn off the pump and allow it to cool for 1 hour, then restart.
Pump running but no water flow from nozzle	1. Nozzle closed or flow restricted 2. Water pump blocked by air	1. Open the nozzle by twisting left and right. 2. Cycle the water pump on and off several times to release trapped air. 3. Unscrew the union on the pump, release trapped air, then tighten again.
Hot tub heats slowly or not at all	1. Temperature setting too low 2. Filter blocked 3. No insulation cover causing heat loss 4. Circulation pump nozzle closed 5. Heater failure	1. Increase the temperature setting. 2. Clean or replace the filter core. 3. Use the insulation cover. 4. Open the nozzle. 5. Contact your dealer to replace the heater.
Cold water bathtub does not heat or cool	1. Incorrect temperature setting 2. Circulation pump or heat pump not running 3. No insulation cover causing energy loss 4. Circulation pump/heat pump nozzle closed	1. Set the temperature significantly higher or lower than the current water temperature. 2. Check the control panel for error codes and follow troubleshooting steps. 3. Use the insulation cover. 4. Open the nozzle.
Small water flow from nozzle	1. Nozzle not fully open or clogged 2. Air valve closed	1. Turn the nozzle left and right to fully open it. Clean if clogged. 2. Open the air valve.

Note: If the issue cannot be identified or resolved, contact your local dealer for assistance.

5.4. Storing Your Coldture Xtreme Dual

Your Coldture Xtreme Dual is designed for use in environments with temperatures between -1F and 104F. When the ambient temperature is below 30F, drain the water before storage.

1. Completely drain the interior of your Coldture Xtreme Dual using the drain valve. Refer to the "Water Maintenance - Schedule" section for instructions.
2. The skirt door can be removed to loosen all the water pump and heat pump joints.
3. Use the vacuum cleaner's blowing mode, insert the air outlet into the nozzle, and blow the accumulated water out of the pipe. (The vacuum cleaner is not included with the product).
4. Install the skirt door.
5. Clear any accumulated water from the area inside the Coldture Xtreme Dual.
6. Clean the cylinder surface with a soft cloth and non-abrasive cleaner.

7. Cover the Coldture Xtreme Dual with a rain cover and lock it in place to prevent water from getting inside. Check it regularly.

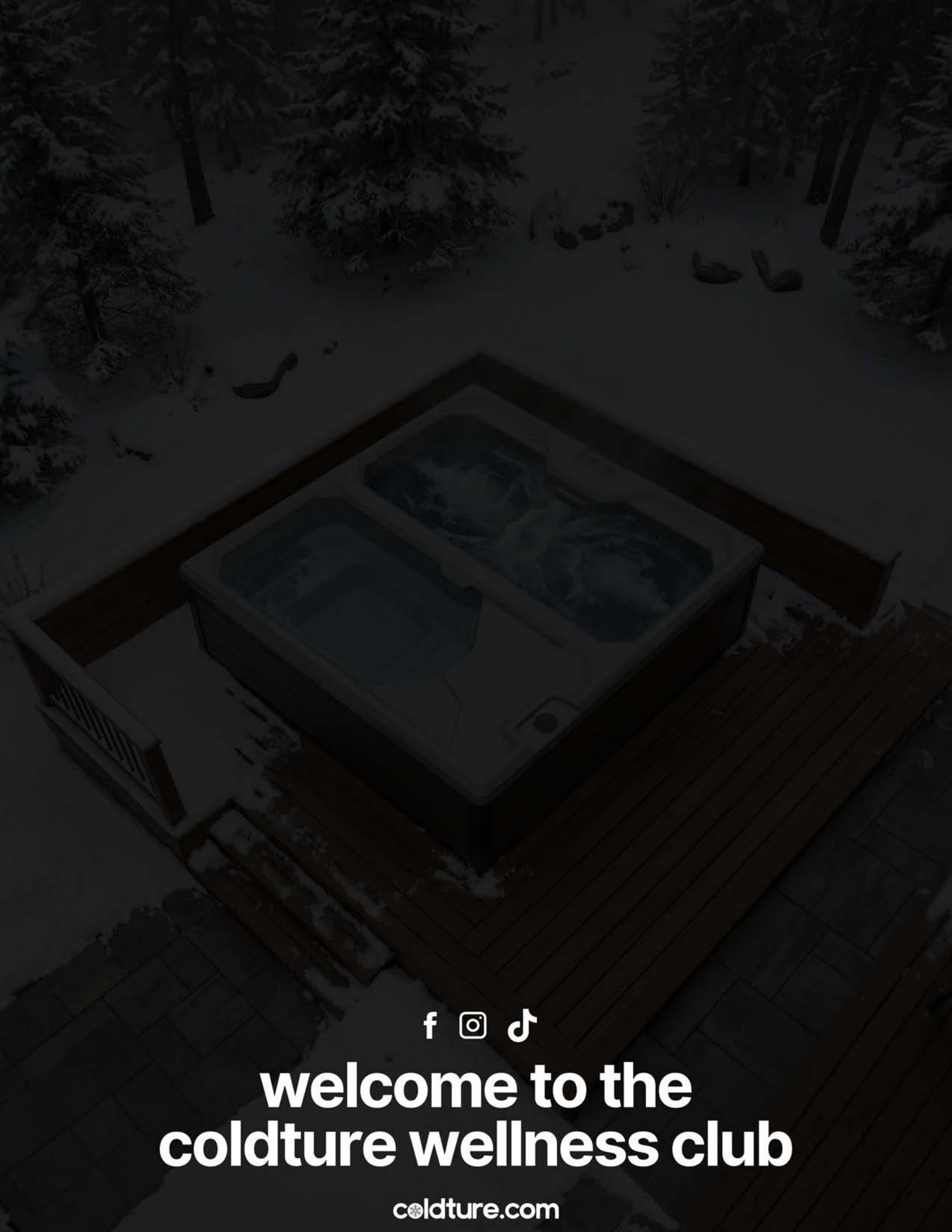
Storing Your Coldture Xtreme Dual
If the device is not used for a long time and needs to be stored, the outer shell surface must not be left unprotected and uninsulated. Transparent plastic packaging or cover materials must not be used to cover the Coldture Xtreme Dual.
Prolonged exposure to direct sunlight can damage the Coldture Xtreme Dual.

Always cover and protect with an insulated rain cover. Damage caused by this, such as cracking, warping or discoloration of the skirt door, will not be covered by the warranty.
After delivery, an empty Coldture Xtreme Dual should not be exposed to ambient temperatures below 0°F (-18°C) as extreme cold can cause damage to parts.

If your Coldture Xtreme Dual is exposed to such temperatures, keep it filled with water and running.

Warranty

Please contact your sales manager to get your special warranty.



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