

VINTERKÖLD



Masrren

85" x 85" x 39"

Embrace the Revitalizing Chill

Experience the invigorating benefits of cold therapy through our innovative Masrren product. Cold therapy, also known as cryotherapy, involves subjecting the body to cold temperatures for therapeutic purposes. With its age-old roots and modern applications, this practice offers diverse and remarkable benefits for your well-being:

- **Reduced Inflammation:** Cold therapy is a natural anti-inflammatory. It helps to constrict blood vessels, reducing blood flow to inflamed areas and thereby alleviating swelling and pain. Whether you're recovering from an intense workout or seeking relief from sore muscles, our Masrren can provide the cool comfort your body craves.
- **Faster Recovery:** Athletes and fitness enthusiasts often turn to cold therapy to accelerate recovery times. The controlled exposure to cold temperatures promotes quicker muscle repair, reduces muscle soreness, and aids in preventing overexertion.
- **Increased Circulation:** Paradoxically, cold therapy can lead to improved circulation. As the body responds to cold, it works to keep vital organs warm by increasing blood flow to the core. Once you exit the cold environment, this increased blood flow returns to the extremities, promoting better overall circulation.
- **Enhanced Mental Well-being:** Cold therapy is not just about physical benefits; it can positively impact your mental state too. The shock of cold triggers the release of endorphins, which are natural mood lifters. Many people find that cold therapy leaves them feeling refreshed, invigorated, and more mentally focused.
- **Boosted Immune System:** Regular exposure to cold temperatures has been associated with improvements in the immune system. It stimulates the production of immune cells and activates the body's natural defense mechanisms, helping you stay resilient against illness.

With a Masrren, you can integrate the power of cold therapy seamlessly into your routine. Whether you're looking to enhance your recovery, reduce inflammation, or simply invigorate your senses, the Masrren offers a convenient and effective solution.

Embrace the chill and unlock a new realm of well-being today.



Premium Materials

Embrace the chill and rejuvenate your body and mind with our product, showcasing an Acrylic Surface for aesthetics, an AluCombo Cabinet for efficient cooling, an aluminum frame for durability, and an insulated pipe sleeve to prevent condensation. Perfect for year-round outdoor use, energy-efficient, and reliable. Enjoy hassle-free cooling without water-related concerns.

1 Acrylic Surface



2 Aluminum Frame



3 Tri-layered Side Cabinet



4 Insulation Sleeve



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Installation & User Manual



Warning! Risk of fire, electric shock and and water leakage.



Your Masrren includes a detailed Installation & User Manual. Follow all instructions in the Installation & User Manual closely.



Warning! Improper installation, usage or maintenance can lead to loss of warranty, injury or property damage. Spa tub should be installed in accordance with BCA and local regulatory standards by qualified persons only. An isolation switch is recommended. Electrical installation must comply with AS:3000-Electrical Wiring Rules.



Warning! A minimum clearance of 0.5 feet must be maintained around the air inlet and outlet.



Warning! Suitable for operation in ambient temperatures ranging from 23°F to 109°F.



Warning! During installation and transportation, the unit must not be placed on its side or upside down.



Special Note:

To ensure optimal performance of the equipment after each refilling, please follow these steps:

- Connect the power supply and activate the control panel to start the equipment.
- Allow the equipment to operate for 20-30 seconds. Then, bleed the filter for 20-40 seconds by opening the bleeder valve on one side of the filter cover (refer to the figure). When water flows out from the filter vent, tighten the filter approximately 5-10 seconds after water appears.
- Completing these steps will ensure the circulation pump operates at its peak performance.
- If the control panel indicates that the circulation pump is functioning normally but there is no water circulation in the pipeline, please repeat steps 1 and 2. (This is a rare occurrence)

How To Set Up

If you're excited to reap the benefits of your Masrren, start by following these simple guidelines to embark on your journey.

We understand your enthusiasm, but we strongly recommend reading the entire instruction manual, paying special attention to the safety information, before beginning your cold therapy sessions with the Masrren. Your safety and maximum enjoyment are our top priorities.

1

Place your Masrren in a suitable location and fill it with water to tub until the water level reaches the recommended mark as specified.

2

Open the air bleed screw to exhaust air from the filter and pump housing for cold zone. See page 9 for more details.

3

Plug the dual-temp tub into a 110V/60Hz power source and set the desired temperature using the control panel.

4

Within a few hours, you can enjoy the refreshing experience of cold water therapy.

5

We highly recommend regularly cleaning and sanitizing.

Important Safety Instructions

READ AND FOLLOW ALL INSTRUCTIONS

Taking the plunge is a significant step, and we disclaim all liability for damages due to failure to follow the provided guidelines.

- **Health Disclaimer**

If unsure, consult your doctor before using the Masrren. While generally suitable for most individuals, those with reduced mobility or sensory/cognitive abilities should use the Masrren under supervision and only if knowledgeable about safe usage and potential risks.

- **Temperature Awareness**

Start with a higher temperature (59°F / 15°C) and a shorter duration(1-2 minutes).

- **Gradual Adaptation**

Tolerance to cold water varies. Gradually increase Masrren usage time. Sudden immersion can shock the body; enter slowly, keeping face, shoulders, and hands above water until breathing is steady.

- **Cold Exposure Risks**

Cold shock response decreases with exposure experience. Hypothermia is a risk - it leads to loss of consciousness and heart failure. Duration in cold water depends on factors like temperature, body size, and experience. Consult your doctor. Start with brief dips to find limits. Exit if uncomfortable.

- **Safety Precautions**

- Supervise children around the Masrren.
- Pregnant women, children, and those with medical conditions must consult a doctor before using.
- Avoid alcohol or drugs before use.
- Do not use in extreme weather or flood conditions.
- Ensure proper drainage to avoid water accumulation.

- **Maintenance**

- Be cautious when entering and exiting the Masrren.
- Keep the inlet clean to protect the pump.
- Avoid using electrical appliances nearby when empty.
- Use only approved cleaning agents; rinse thoroughly.
- Do not pressure wash the Masrren.
- Keep the cover on to prevent injuries and water ingress.
- For repairs, consult Masrren's approved engineers.

- **Power Supply Safety**

Ensure the power supply is on an GFCI protected circuit for safety.

Important Safety Instructions

WARNING:

- People with infectious diseases should not use a spa or hot tub.
- To avoid injury, exercise care when entering or exiting the spa or hot tub.
- Do not use drugs or alcohol before or during the use of a spa or hot tub to avoid unconsciousness and possible drowning.
- Do not use a spa or hot tub immediately following strenuous exercise.
- Prolonged immersion in a spa or hot tub may be injurious to your health.

CAUTION:

- Maintain water chemistry in accordance with manufacturer's instructions.

* Please read the instructions carefully and use according to the instructions.
Children should use this product under the close supervision of adults.

WARNING:

- After transporting or installing the cold plunge, let the tub rest for 24 hours before turning on the chiller. Note: Failing to do so may result in chiller malfunction.
- To remove the back cover, wrap the cap with a cloth or use cloth gloves. Then, use pliers to grip the cap and pull it outward to remove it.
- If the control panel displays the ER03 code, it indicates there is air in the pipes. The air should be released through the exhaust port on the filter.

Package List



Aqua-Shield Lid



HydroPur Filter * 2



Option:
Easy-Access Stair



Option: HeatArmor Cover



S Hook



Condensate drain hose

Specification

Power Supply

Rated: 110V, 60 Hz, 15A
with Leakage Protection
Water Flow: 20gal/Min
68L/Min

Materials

Acrylic
Aluminum
Polyurethane

Dry Weight

617 lbs
280 kg

Water Capacity

Spa Zone:
217 gallons/820L
Cold Zone:
87 gallons/330L

Temperature Control

Spa Zone:
50-104°F (10-40°C)
Cold Zone:
37-104°F (3-40°C)



Draining

3-way draining:
2*normal drain outlet and
1*heat pump condensate
outlets

Antifreeze function

With the auto freeze-proof
function, heating will
initiate when the water
temperature drops below
37°F (3°C) and will
automatically turn off
when the temperature
reaches 48°F(9°C)

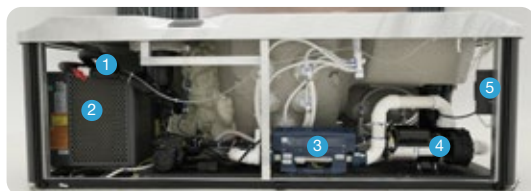
Filtration

HydroPur Filter within
arm's reach for easy
configuration and
maintenance

Cover

An aesthetic Aqua-shield
Lid that optimizes space,
and gives an
interior-grade look

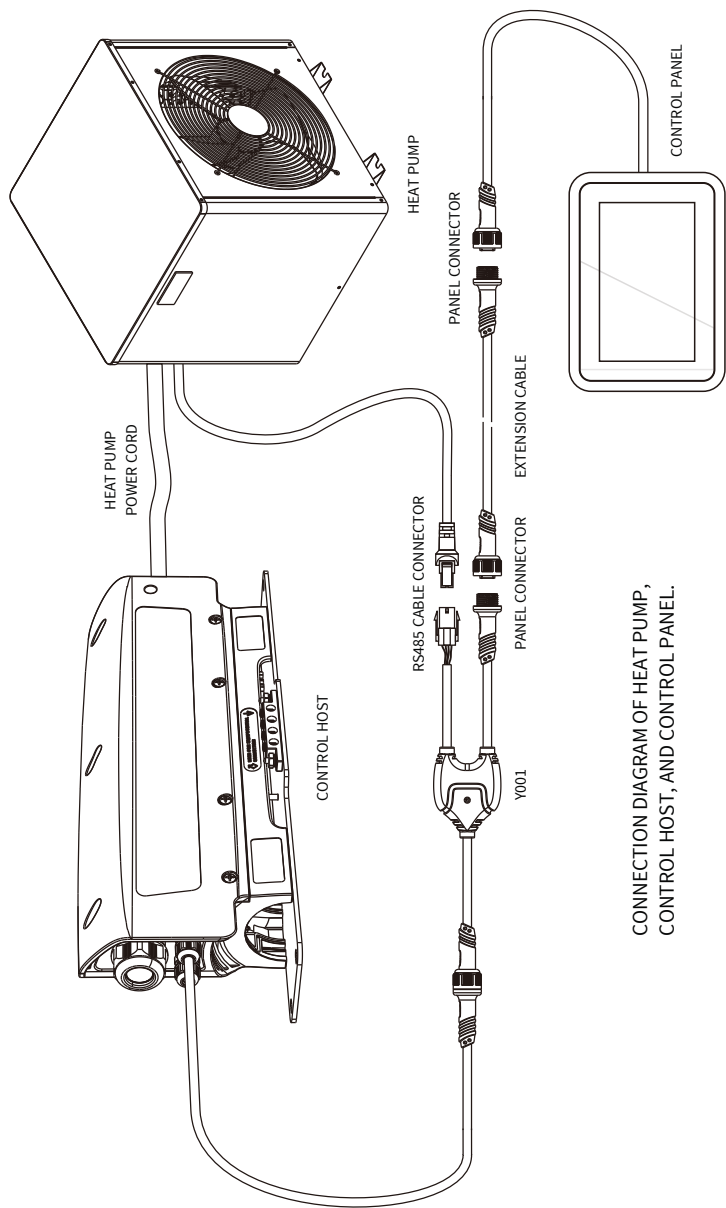
By default the product is equipped with the following features as indicated in the illustration above:



1. Insulation Sleeves
2. Chiller
3. Control box
4. Circulation Pump
5. Ozone Sterilizer

Touchscreen Control Panel

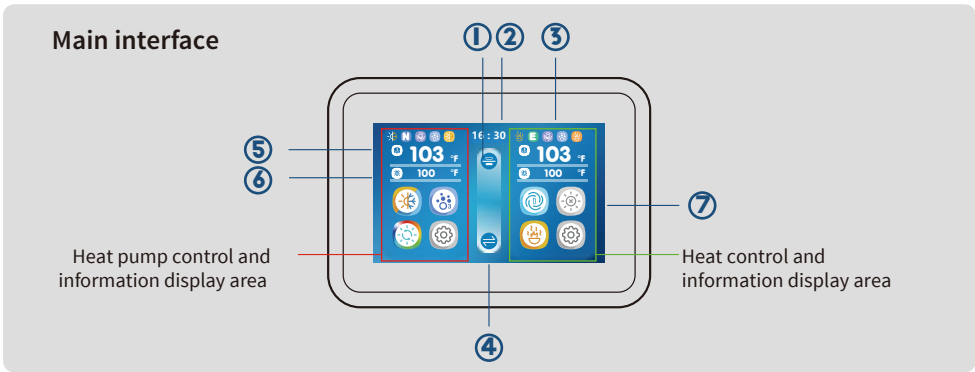
Control Panel Installation Instructions



CONNECTION DIAGRAM OF HEAT PUMP,
CONTROL HOST, AND CONTROL PANEL.

Touchscreen Control Panel - Setting

Panel Function Diagram



- ①  Screen reverse icon

②  Current time

③  The status of the functions in operation

④  The display position is mirrored interchangeably

⑤  Current water temperature °F/°C

⑥  Preset heating temperature °F/°C
Click to switch temperature units
Click to enter the temperature setting interface

⑦  Touch the function icon to change the function status or enters the function page.

 Touch the function icon to change the function status or enters the function page.
The water pump will automatically shut down after working for 30 minutes.
-  Ozone working

 Heater working

 Heat pump cooling

 Heat pump heating

 NOR mode is on

 ECO mode is on

 The circulating pump is in operation

 Pump 1

 Heat Pump

 Heat

 Ozone

 Light off


 Light on

 Settings

Touchscreen Control Panel - Function

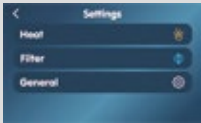
Enter The Setting Interface



Touch the icon "  " to enter the setting interface.

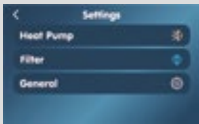
Types Of Interface

Heat Interface



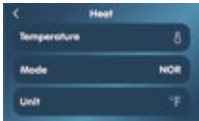
- 1 Heat
- 2 Filter
- 3 General

Heat Pump Interface

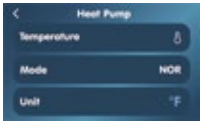


- 1 Heat Pump
- 2 Filter
- 3 General

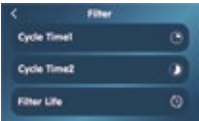
1 Heat



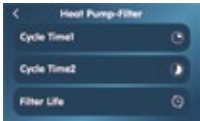
Heat Pump



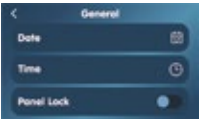
2 Filter



Heat Pump Filter



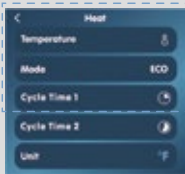
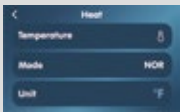
3 General



Touchscreen Control Panel - Function

Settings For Heat & Heat Pump

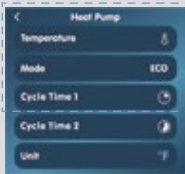
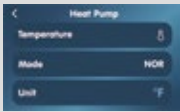
① Heat



- (1) Temperature
- (2) Mode
- (3) Cycle Time
- (4) Unit

Interface overview

① Heat Pump

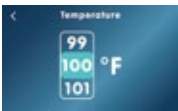


- (1) Temperature
- (2) Mode
- (3) Cycle Time
- (4) Unit

Interface overview

Touchscreen Control Panel - Function

(1) Temperature



- Adjust the preset temperature value. Find the "Temperature" function by sliding up and down.
- Touch "Temperature" and enter its interface.
- Slide white box up and down to adjust the value.
- The temperature setting range is from 50 °F to 104 °F/10 °C to 40 °C.
- When the heating function is activated, this temperature value will be the operating target.

(2) Mode



- NOR: The heating/cooling is turned on all day long
- ECO: The heating/cooling is only turned on during Cycle Time.

(3) Cycle Time 1/2



- How to adjust the heating time period: Slide the screen to select "Cycle Time 1" or "Cycle Time 2" to enter the interface, touch "1" to start, and then adjust the value by sliding the white box up and down.
- Set the daily heating operation time period and its on or off.
 - 1 On: The heating will start running within the set time period everyday.
 - 1 Off: This time period has no effect on the heating operation.

(4) Unit

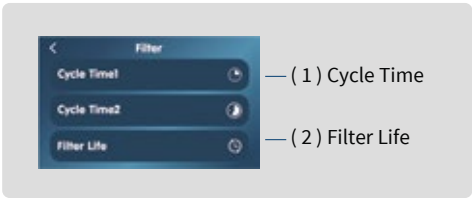


- Find "Unit" by sliding up and down. Touch "Temperature Unit" to switch between °F/°C temperature units.
- After setting the °F/°C temperature unit, all the temperature units in the system will be based on it.

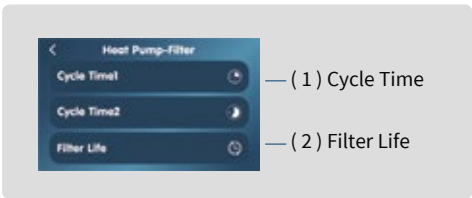
Touchscreen Control Panel - Function

Settings For Heat & Heat Pump

2 Filter



2 Heat Pump -Filter



(1) Cycle Time 1/2



- How to adjust the filtering time period: Slide the screen to select "Cycle Time 1" or "Cycle Time 2" to enter the interface, touch "1" to start. And then adjust the value by sliding the white box up and down.
- Set the daily filtering running time period and its on and off.
 - 1 On: filtering will start running within the set time period everyday.
 - 1 Off: This time period has no impact on the system filtering operation.

(2) Filter Life

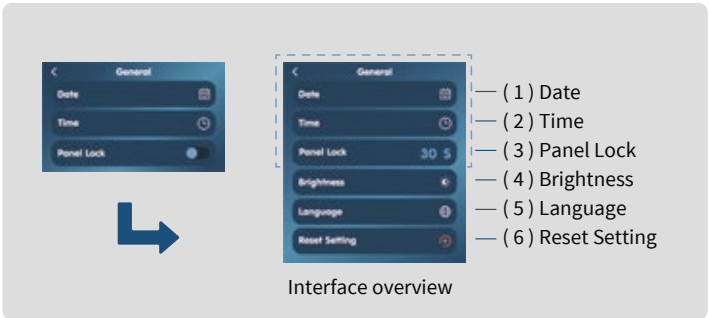


- On the filter usage interface, slide the screen to select the "Filter Usage"function, and adjust the value by sliding the white box up and down.Press and hold " " to reset the used time to 0.
 - 1 The number of days the filter has been used is displayed.
 - 1 The preset usage days of the filter are displayed.

Touchscreen Control Panel - Function

General Setting

3 General



(1) Date



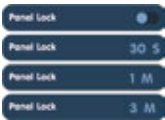
- Adjust the date. Touch the "Date" function to enter this interface, and then adjust the value by sliding the white box up and down.
- Set the current date, and the system date will be based on this.

(2) Time



- Adjust the time. Touch the "Time" function to enter this interface, and then adjust the value by sliding the white box up and down.
- Set the current time, and the system time will be based on this.

(3) Panel Lock



- Adjust the automatic screen lock time. Touch the "Panel Lock" function to cycle through /30S/1M/3M.

: Automatic screen lock turned off.

30S: When it reaches 30 seconds without operating on the system, the screen will be locked.

1M: When it reaches 1 minute without operating on the system, the screen will be locked.

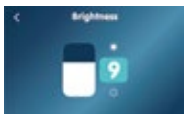
3M: When it reaches 3 minute without operating on the system, the screen will be locked.

When locked, the screen brightness decreases and the " " icon appears on the screen, and the functions cannot be controlled by touches.

Unlocking the screen: When the screen is locked, press on the screen and slide to unlock it.

Touchscreen Control Panel - Function

(4) Brightness



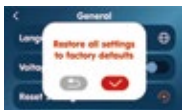
- Adjust the screen brightness: press "Brightness" to enter this interface, and then adjust the value by sliding up and down.
- The screen brightness range is 1-16.

(5) Language



- Language change: Press "Language" to enter this interface. After selecting the language by pressing "✓", press "◀" in the upper left corner to return to the main interface.
- The system will display the interface in the corresponding language.

(6) Reset Setting



- Reset: press "Reset Setting", and select "✓" to complete the reset.
 - ◀: Return
 - ✓: Reset confirmation
- The reset operation restores all settings to their factory default values.

Preparation for Your Masrren

Change Your Masrren's Filter

Exhaust Air and Replace Filter.

1 EXHAUST AIR

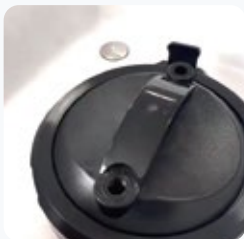
Loosen the filter exhaust valve counterclockwise, then let the air exhaust from the filter.



Filter exhaust valve.



Loosen valve counterclockwise.



Air exhaust.

2 CHANGE FILTER

Regularly cleaning your filter is the simplest and most effective way to maintain clear water. A dirty filter can cause power and system issues. Here are some steps about how to change the filter.



Loosen the locking ring.



Remove the filter cover and the whole filter.



Remove the old filter and insert the replacement. Repeat the previous steps.



Preparation for Your Masrren

Efficiently draining your Masrren.

Drainage.

DRAINAGE



Cold Zone Drain Outlet



Spa Zone Drain Outlet

* The cold zone and the spa zone each have a separate drain outlet.



Chiller Condensate Drain Outlet

* Prepare a 3.3 ft (1m) Drain Hose



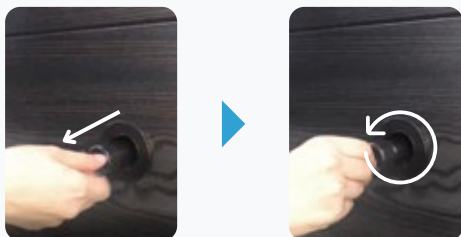
CAUTION: The two drain outlets on the cabinet are designed for water drainage purposes only, **DO NOT** fill water from this point.

Preparation for Your Masrren

Efficiently draining your Masrren.

Normal Drainage.

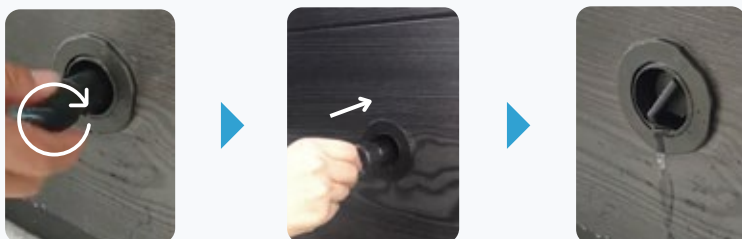
- 1 To drain water, pull out the drainage valve and rotate the cap counterclockwise.



-
- 2 Water will begin to drain. Pushing the valve inwards increases the water flow, while pulling it out reduces the water flow.



-
- 3 To stop the drainage, rotate the cap clockwise and push the valve inwards.



Preparation for Your Masrren

Efficiently draining your Masrren.

Condensate Drainage.

The condensation drain is a crucial component of your unit's maintenance. During the cooling process, condensation occurs, producing excess water that needs to be properly managed. This water is directed into the drain, which either leads to an area away from the unit or into a container for later removal.

1 LOCATE THE CONDENSATION DRAIN HOOKUP

Find the condensation drain hookup near the bottom of the unit. Refer to the provided picture for exact placement.



Drain Hookup

2 PREPARE THE DRAINING LINE

Remove the provided draining line from your unit's packaging.



Draining Line

Preparation for Your Masrren

Efficiently draining your Masrren.

Condensate Drainage.

3 CONNECT THE DRAINING LINE

Attach the draining line to the nozzle on the condensation drain hookup. Ensure a secure connection by following the visual guide in the picture.



Connect

4 DIRECT THE DRAIN LINE

You have two options for directing the drain line:

- **To an Area with Proper Draining:** Ensure that the water is directed to a suitable drainage area to prevent any water accumulation near the unit.
- **To a Container:** Position a container to catch the water. Ensure that this container is emptied regularly or as needed to avoid overflow.



SAFETY PRECAUTIONS: Be aware that surfaces around the unit may become slippery when wet. Take appropriate measures to ensure safety by keeping the area dry and using non-slip mats if necessary.

- By following these steps, you will effectively manage the condensation produced by your unit, ensuring optimal performance and maintenance.

Preparation for Your Masrren

Important Notice

Thermo Protection Activation

Your cold plunge unit is equipped with an advanced thermo protection feature designed to safeguard the equipment and ensure its longevity.

- **Activation Threshold:**

The thermo protection mode is activated when the unit is exposed to temperatures exceeding 110°F (43°C).

- **Thermo Protection Mode (ER 20):**

- When activated, the unit will display the error code ER 20, indicating that the thermo protection mode is engaged.
- This mode is a protective measure to prevent potential damage to the unit caused by excessive temperatures.

- **Functionality During Thermo Protection:**

- While in thermo protection mode, the unit will temporarily halt its normal functions to protect internal components.
- This pause in operation helps to prolong the lifespan of your cold plunge unit and reduce the need for maintenance.

- **Restoration of Normal Operation:**

- The unit will automatically return to normal functioning once the temperature drops below the activation threshold of 110°F (43°C).
- No additional user action is required for the unit to resume normal operation.

Maintenance Tips:

- Ensure that your cold plunge unit is placed in an environment where temperatures are regularly monitored to prevent frequent activation of the thermo protection mode.
- Regularly inspect and maintain the unit as per the guidelines in the maintenance section of this manual to enhance its durability and performance.

• By following these guidelines, you can ensure optimal performance and a longer lifespan for your cold plunge unit.

Preparation for Your Masrren

Important Notice

Water on or Around the Control Screen

Presence of Standing Water:

- Occasional standing water around the control screen does not pose an immediate risk of damage to the unit.

Recommended Action:

- It is advised to remove any standing water from around the control screen as soon as possible to maintain optimal performance and appearance.
- Use a towel to gently wipe away standing water after each use of the unit.

Maintenance Tips:

- Regularly check for and promptly remove any water around the control screen to prevent potential long-term issues.
 - Ensure that the control screen remains dry during periods of non-use to enhance the durability and functionality of your cold plunge unit.
- By following these water management guidelines, you can help maintain the integrity and longevity of your cold plunge unit.

Preparing for Your Masrren

Opening the Front Door Panel for Electrical Hookup

The following electrical connections must be performed by a licensed electrical contractor. Unscrew and remove the two corner panels on each side of the spa's front door.

Remove and install the skirt.

1 REMOVE



2 INSTALL



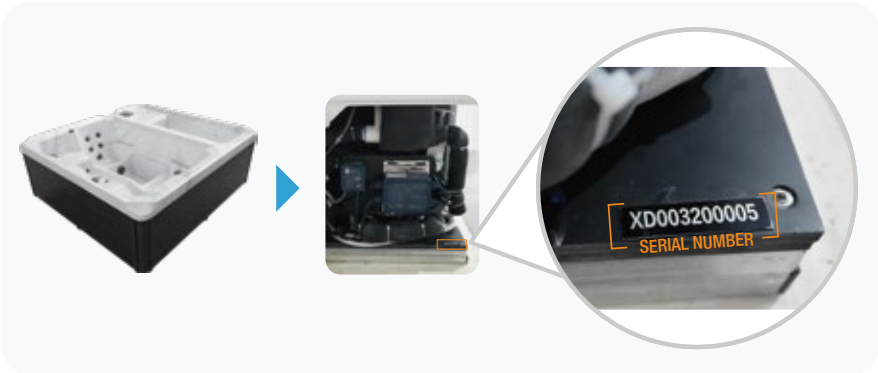
Troubleshooting

- Where to find Serial Number on Masrren?
- If any after-sales service needs arise regarding the product, please provide this serial number.

1



2



Troubleshooting

Symptom	Possible Solutions
Start-up problem	
Pump won't prime	<p>Sometimes air may get trapped in the pump during spa filling. You may notice that after filling and starting the spa, the pump appears to be non-functional. You can hear the pump running, but there's no water movement.</p> <ul style="list-style-type: none">• The pump will not work properly while air is trapped in it.• Continuing to operate the pump in this way will cause damage.
Power and system problems	
System won't start up or breaker keeps shutting off	Power may be shut off. If this continues, contact your dealer or a qualified spa technician.
Communication problem between the control mainframe and the circulation pump.	Please check the connecting wire between the control main unit and the heat pump and replace it if necessary. Or please check if the heat pump is powered.
The control panel cannot communicate with the control mainframe	Check the connecting wire between the control panel and the control main unit. Replace if necessary.

Symptom	Possible Solutions
---------	--------------------

Chiller problems

Water does not get cold	<ul style="list-style-type: none">• Spa may be in high-temperature range. Set the spa to low-temperature range.• The filter may be dirty or need to be replaced. Clean or replace the filter.• The pump may have an airlock. Remove the airlock by priming the spa.• The water level may be too low. Fill the spa until the water level is 4 to 6 inches from the top.• The suction fittings may be blocked. Remove any debris that may be blocking them.• The temperature may not be set low enough. Lower the temperature on the topside control.• The filter skimmer may be blocked. Remove the blockage.• Cover the spa to retain its warmth and prevent cold from penetrating. Ensure the cover is in place whenever the spa is not in use.• Gate valves may be closed. Open gate valves. Note: Never operate your spa with closed gate valves.• The cooling element may be old, defective, or coated with scale. For further assistance, please contact your dealer.• Spa may be running in heating mode.
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Other problems

The water is murky	<ul style="list-style-type: none">• Ensure the filter is clean. This should be rinsed every month and changed every 3 months.• Check if there is a green light on the ozonator. Change the water if it has become too dirty.
Bad smell	<p>If the water looks clean and clear there should be no adverse smells. Run a clean cycle several times.</p> <p>If the water looks murky, drain and change it.</p>
The temperature differs from what the thermometer shows	<p>The internal temperature probe is calibrated to within 0.3o +/-</p> <p>There could be an issue with the temperature sensor or PCB board.</p>