

 Bellagio Spas

# VINTERKÖLD



Masrren

85" x 85" x 39"

vers. 202603

# Embrace the Revitalizing Chill

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Experience the invigorating benefits of cold therapy through our innovative Vinterköld 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 Vinterköld 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 Vinterköld, 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 Vinterköld offers a convenient and effective solution.

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



# Premium Materials

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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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# Attention New Owners!

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**Congratulations on the purchase of your new Vinterköld!** To ensure a seamless installation and years of reliable performance, please carefully review these essential pre-installation notes.



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



**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 (150mm) must be maintained around the air inlet and outlet.



**Warning!** Suitable for operation in ambient temperatures ranging from 23°F (-5°C) to 109°F (43°C).



**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)

## Attention New Owners!

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**WARNING:** All electrical hookups must be performed by a licensed electrician.

**WARNING:** Spas with a cord must be connected to a dedicated 115-volt, 20-amp, GFCI-protected, grounded circuit.

Spas without a cord must be connected to an electrical subpanel containing dedicated GFCI breakers to supply power to the spa

**WARNING:** Removing or bypassing any Ground Fault Circuit Interrupter (GFCI) breaker will result in an unsafe spa and will void the spa's warranty."

# Important Safety Instructions

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## READ AND FOLLOW ALL INSTRUCTIONS

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

- **Health Disclaimer**

If unsure, consult your doctor before using the Vinterköld. While generally suitable for most individuals, those with reduced mobility or sensory/cognitive abilities should use the Vinterköld 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 Vinterköld 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 Vinterköld.
- 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 Vinterköld.
- 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 Vinterköld.
- Keep the cover on to prevent injuries and water ingress.
- For repairs, consult Vinterköld's approved engineers.

- **Power Supply Safety**

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

# Important Safety Instructions

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## **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.

## **WARNING:**


- This product is equipped with a built-in heat pump. If the spa is installed in an environment where the ambient temperature may fall below 32°F (0°C), proper freeze protection must be ensured.
- When the temperature is below 23°F (-5°C), the heat pump will operate with very low efficiency. Therefore, it is important to manually activate the winter anti-freeze mode to prevent the heat pump and plumbing system from freezing and cracking.
- To prevent freezing, the product should either remain powered on with freeze protection enabled or be completely drained when the temperature is between 23°F (-5°C) and 32°F (0°C).
- When the temperature falls below 23°F (-5°C), it is mandatory to drain the water to prevent freezing damage.

# Package List

## Masrren




Aqua-Shield Lid




HydroPur Filter \* 2




**Option:**  
Easy-Access Stair



**Option:** HeatArmor Cover



S Hook



Condensate drain hose

# Specification

## Power Supply

Rated: 220V, 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)



**Masrren**  
85" x 85" x 39"

## 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. Circulation Pump
4. Control box
5. Water Pump
6. Sterilizer

# How To Set Up

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**Get ready to enjoy the full benefits of your new Vinterköld by following these simple guidelines to begin 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 Vinterköld. Your safety and maximum enjoyment are our top priorities.

1

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

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2

Open the air bleed screw to exhaust air from the filter and pump housing for cold zone.

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3

Plug the dual-temp tub into a 220V / 60Hz power source and set the desired temperature using the control panel.

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4

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

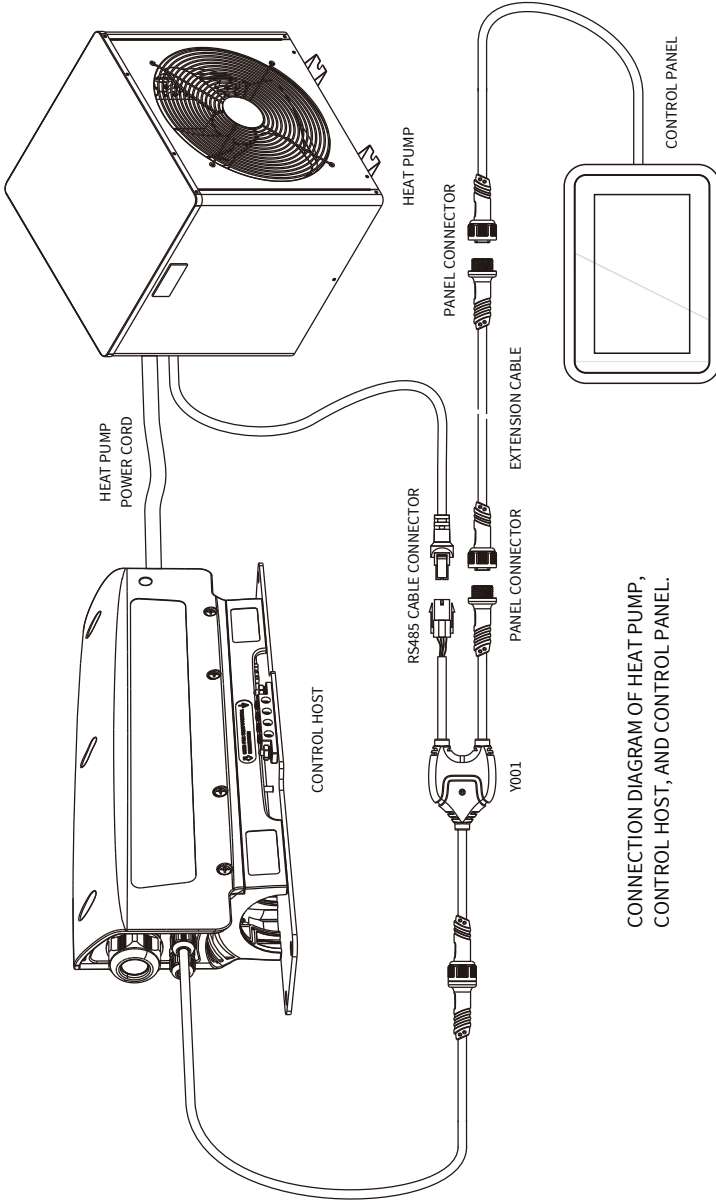
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5

We highly recommend regularly cleaning and sanitizing.

# Touchscreen Control Panel

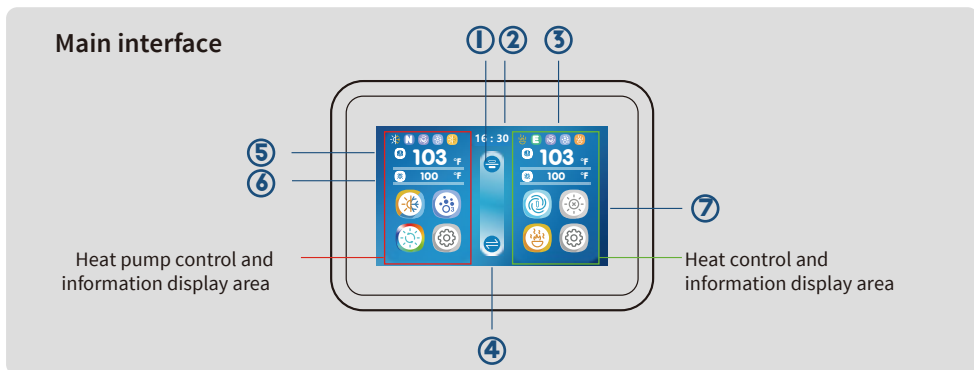
## Control Panel Installation Instructions



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

# Touchscreen Control Panel - Setting

## Panel Function Diagram




- |   |  |   |  |                                      |
|---|--|---|--|--------------------------------------|
| ① |  | Screen reverse icon   |  | Ozone working                        |
| ② |  | Current time  |  | Heater working                       |
| ③ |  | The status of the functions in operation  |  | Heat pump cooling                    |
| ④ |  | The display position is mirrored interchangeably  |  | Heat pump heating                    |
| ⑤ |  | Current water temperature °F/°C   |  | NOR mode is on                       |
| ⑥ |  | Preset heating temperature °F/°C<br>Click to switch temperature units<br>Click to enter the temperature setting interface                                       |  | ECO mode is on                       |
| ⑦ |  | Touch the function icon to change the function status or enters the function page.  |  | The circulating pump is in operation |
|   |  | Touch the function icon to change the function status or enters the function page.<br>The water pump will automatically shut down after working for 30 minutes. |  | Pump 1                               |
|   |  |   |  | Heat Pump                            |
|   |  |   |  | Heat                                 |
|   |  |   |  | Ozone                                |
|   |  |   |  | Light off                            |
|   |  |   |  | Light on                             |
|   |  |   |  | Settings                             |

# Touchscreen Control Panel - Function

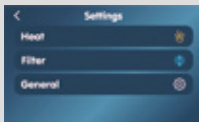
## Enter The Setting Interface



Touch the icon "  " to enter the setting interface.

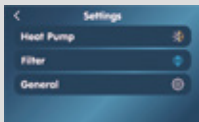
## Types Of Interface

### Heat Interface



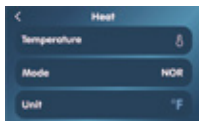
- ① Heat
- ② Filter
- ③ General

### Heat Pump Interface

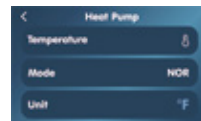


- ① Heat Pump
- ② Filter
- ③ General

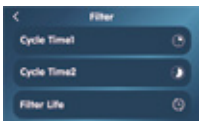
#### ① Heat



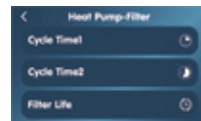
#### Heat Pump



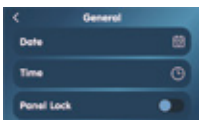
#### ② Filter



#### Heat Pump Filter



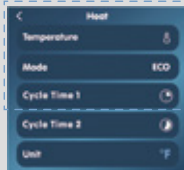
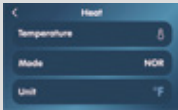
#### ③ General



# Touchscreen Control Panel - Function

## Settings For Heat & Heat Pump

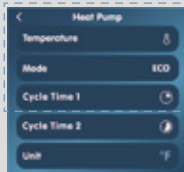
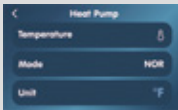
### ① Heat



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

Interface overview

### ① Heat Pump



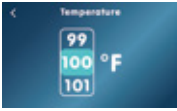
- (1) Temperature
- (2) Mode
- (3) Cycle Time
- (4) Unit

Interface overview

# Touchscreen Control Panel - Function

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## ( 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.

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## ( 2 ) Mode



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

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## ( 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.

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## ( 4 ) Unit

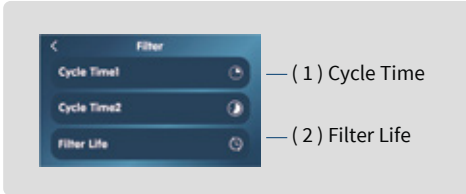


- Find "Unit" by sliding up and down. Touch "Temperature Unit" to switch between °F/°C temperature units.
- After setting the °F/°C temperature unit, all the temperature units in the system will be based on it.

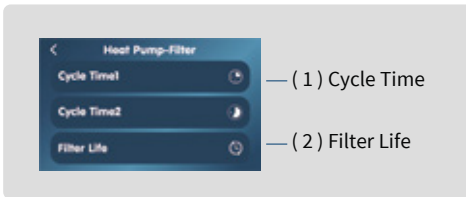
# Touchscreen Control Panel - Function

## 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

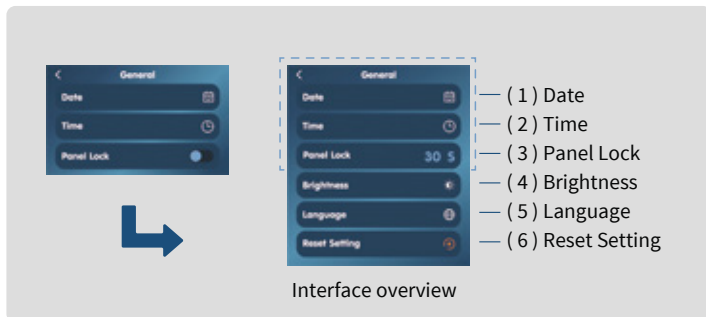


- On the filter usage interface, slide the screen to select the "Filter Usage" function, and adjust the value by sliding the white box up and down. Press and hold "1" to reset the used time to 0.
  - 1 The number of days the filter has been used is displayed.
  - 1 The preset usage days of the filter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

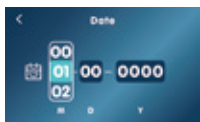
# Touchscreen Control Panel - Function

## General Setting

### 3 General



#### (1) Date



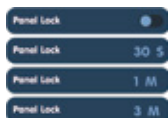
- Adjust the date. Touch the "Date" function to enter this interface, and then adjust the value by sliding the white box up and down.
- Set the current date, and the system date will be based on this.

#### (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.

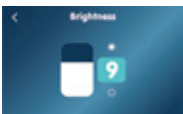
When locked, the screen brightness decreases and the "🔒" icon appears on the screen, and the functions cannot be controlled by touches.

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

# Touchscreen Control Panel - Function

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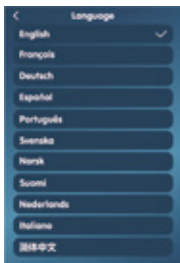
## ( 4 ) Brightness



- 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.

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## ( 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.

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## ( 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 New Vinterköld

## Change Your Vinterköld's Filter

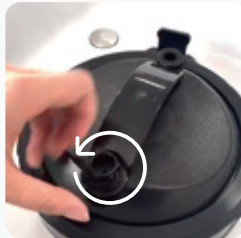
### Exhaust Air and Replace Filter.

#### 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.



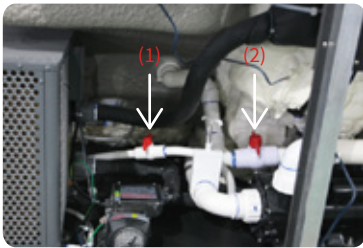
# Preparation for Your New Vinterköld

## Vinterköld Winter Anti-Freeze Mode.

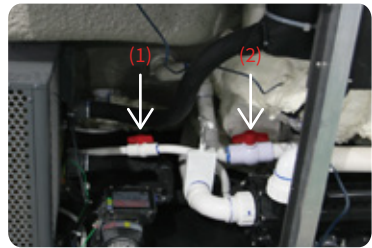
### Winter Anti-Freeze Mode.

#### OPERATION

- Take off the panel skirt on equipment side.
- Open the red water input valve (1) and the water level balancing valve (2).
- Set both the Heating Zone and the Freezing Zone to the same temperature.



OFF



ON

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The unit will achieve the same temperature in both the Heating Zone and Cold Zone after a period of time.

- If the unit shuts down during cold weather and the problem cannot be resolved promptly, please drain all the water from the cold plunge and then report the problems to service line.

To help accelerate the process, please provide the following information:

- Take any photos or videos that shows the problems of the cold plunge (for example, code error on control panel, the touchscreen does not respond when pressing the buttons, etc.)
- Note the serial number on Vinterköld.

# Preparation for Your New Vinterköld

Efficiently draining your Vinterköld.

## 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



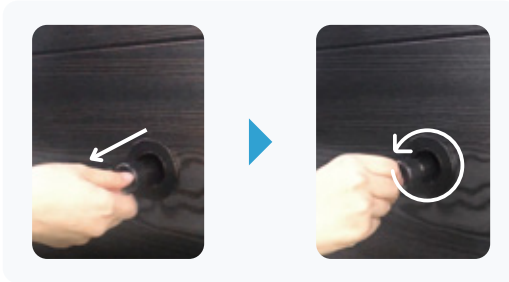
**CAUTION:** The two drain outlets on the cabinet are designed for water drainage purposes only, **DO NOT** fill water from this point.

# Preparation for Your New Vinterköld

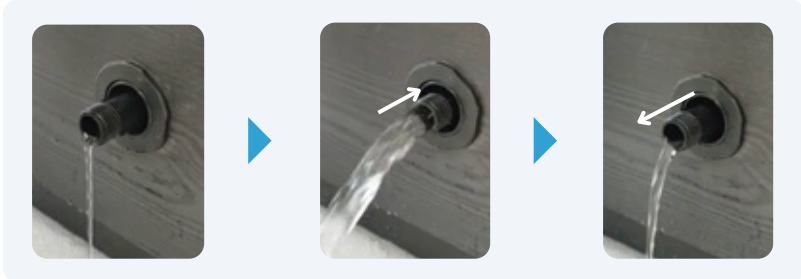
Efficiently draining your Vinterköld.

## Normal Drainage.

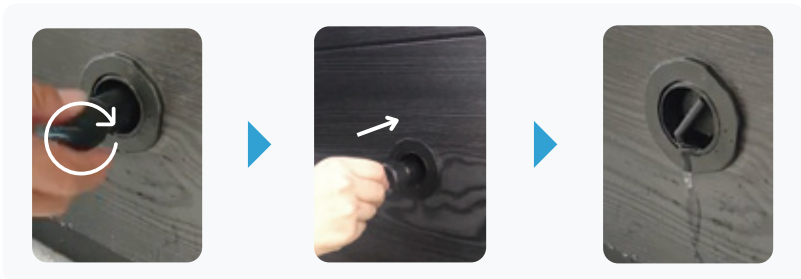
- 1 To drain water, pull out the drainage valve and rotate the cap counterclockwise.



- 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 New Vinterköld

Efficiently draining your Vinterköld.

## 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

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### 2 PREPARE THE DRAINING LINE

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



Draining Line

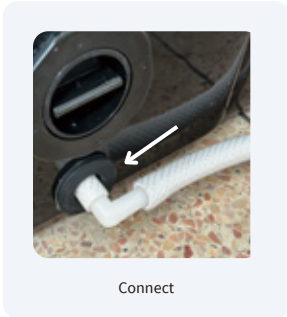
# Preparation for Your New Vinterköld

Efficiently draining your Vinterköld.

## Condensate Drainage.

### 3 CONNECT THE DRAINING LINE

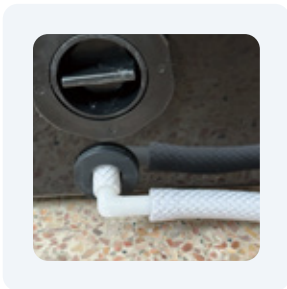
Attach the draining line to the nozzle on the condensation drain hookup. Ensure a secure connection by following the visual guide in the picture.



### 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 New Vinterköld

## 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



# Post-Installation Guidelines

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## 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.
- The exhaust vent should not be obstructed within 8.2 ft (2500mm), and the intake vent should not be obstructed within 1 ft (300mm).
- By following these guidelines, you can ensure optimal performance and a longer lifespan for your cold plunge unit.

# Post-Installation Guidelines

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## 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.

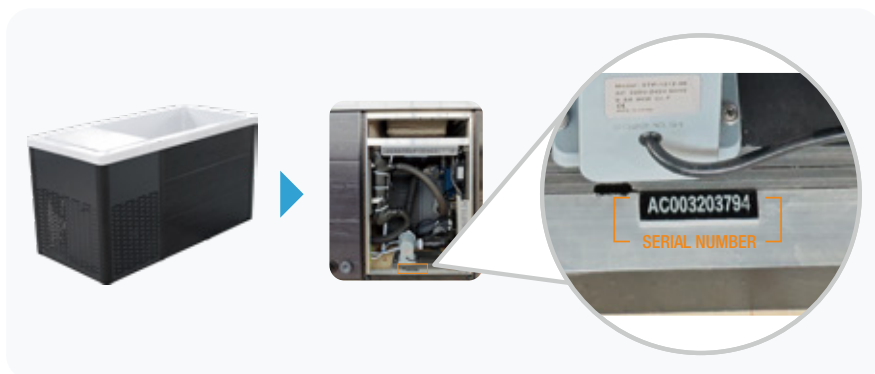
# Troubleshooting

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

1



2



# Troubleshooting

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Symptom	Possible Solutions
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## Start-up problem

Pump won't prime

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.

- 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

- 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.

### Other problems

The water is murky

- 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

If the water looks clean and clear there should be no adverse smells. Run a clean cycle several times.

If the water looks murky, drain and change it.

The temperature differs from what the thermometer shows

The internal temperature probe is calibrated to within 0.3o +/-  
There could be an issue with the temperature sensor or PCB board.

Air lock

For the product with the Ozonator, it is recommended to clean the air intake hose using a brush once a year to prevent air line clogging.