Sous Vide Immersion Circulator

177SV100

Please read the manual thoroughly prior to equipment set-up, operation, and maintenance.

User Manual

Galaxy™ equipment

Table of Contents

Safety
Please Always Follow These Precautions:

1. Use only grounded electrical outlets matching the nameplate rated voltage.
2. Use equipment in a flat, level position.
3. DO NOT use a damaged cord or an extension cord with this equipment.
4. DO NOT plug this equipment into a power strip or multi-outlet power cord.
5. Unplug equipment and turn off before cleaning or moving.
6. DO NOT fill water level below the "MIN" fill line or above the "MAX" fill line.
7. DO NOT spray controls or outside of equipment with liquids or cleaning agents.
8. DO NOT clean the equipment with steel wool.
9. Keep equipment and power cord away from open flames, electric burners, or excessive heat.
10. DO NOT operate equipment in public areas and/or around children.
11. DO NOT operate if equipment has been damaged or is malfunctioning in any way.
12. Only use this model for its intended purpose.
13. DO NOT use this model to heat oil, grease, or any other liquid besides water.
14. DO NOT put your hands directly in the water.
15. The machine may still be hot to the touch right after use.
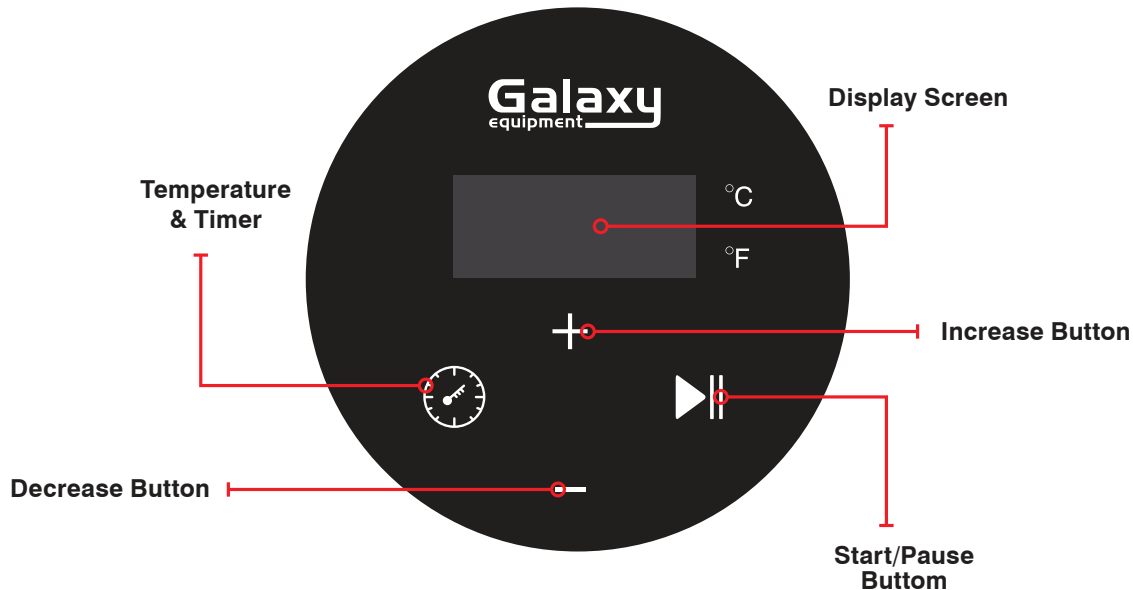16. To prevent electric hazards, do not immerse cord, plug, or unit in water or other liquid.

User Manual

Galaxy ™
equipment

Features

Control Panel

Indicator

● **Red Light** - Presetting temperature not reached.

● **Orange Light** - Presetting temperature reached, but presetting time not reached.

● **Green Light** - Reached desired setting temperature and time countdown begins.
  • Always On - Time countdown is completed.

Fixing Hand

Housing

Bottom Cover

Technical Parameters

ETL LISTED

Model	177SV100
Dimensions	3.0"x4.9"x13.6" (77X124X345mm)
Voltage	120V
Frequency	60Hz
Power	900 W
Temperature	41-194°F (5-90 °C)
Time Setting	5 min-99 hours
Accuracy	+/-1°F
Output	1.6 gal/min
Maximum Capacity	5.25 gal

Control Panel View and Functions

Display Screen

Temperature & Timer

°C

°F

Increase Button

Decrease Button

Start/Pause Buttom

Time / Temperature Control

1. In standby mode, press ⊘ to switch temperature or time setting. Press once, which should cause the LEDs to flash, then set the desired temperature with the ➕ and ➖ buttons.

    • To set the time, press ⊘ again, which will cause the LEDs to flash again. Now use the ➕ and ➖ buttons to set the unit to the desired time.

    a. To switch between Celsius and Fahrenheit, press and hold the ➕ and ➖ buttons at the same time.

2. Press ⊘ one time to confirm the settings you have chosen.

    • If ⊘ is pressed and no selection has been made, the mode will be exited after the LEDs flash 10 times.

    • A long press of ⊘ will display the set time and temperature in turns.

Start / Stop

1. In standby mode press ▶‖ to start the machine.

2. Press ▶‖ again to start the timer. The temperature will display alternatively with the time every three seconds.

3. Press ▶‖ again to stop the machine and return to standby mode.

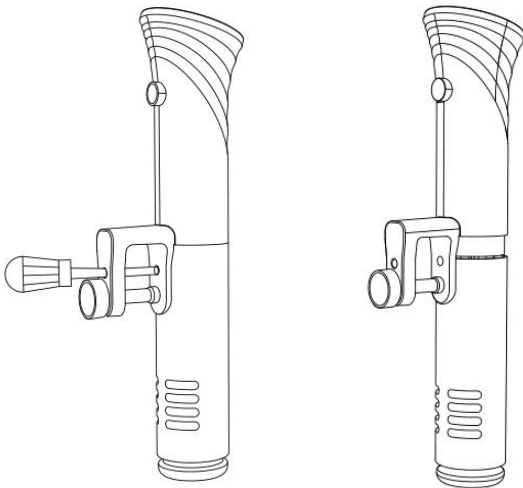4. Hold the ➕ and ➖ buttons at the same time to switch between Fahrenheit and Celsius.

Operating Instructions

1. Select a container for water bath. A water container with a 6" depth is required to use with this equipment. This unit is designed to heat and circulate up to 8 gallons of water.
   NOTE: This unit can circulate a maximum water capacity of 5.25 gallons of water.

2. Attach the circulator head to the container via the adjustable clamp.

3. Make sure the circulator head is fixed firmly to the container.

4. Fill the container with water until it reaches a level between the MAX and MIN fill lines on the circulator head.

5. Plug the machine into a grounded electrical outlet matching the nameplate related voltage. The LCD screen will light up once the machine is plugged in.

6. Adjust and set controls (see Control Panel View and Functions).

Cleaning and Maintenance

1. Designed to provide precise temperature control of water for closed loop circulation. To extend the life of this model, please clean every 20 uses, or 100 hours of use.
   - **Do not place the hot machine in cool water. Allow the machine to cool down to room temperature before washing with cool water.**

How to Disassemble Quickly

1. Use the tool to remove screw.
2. Pull out the low part housing to clean the inner components

Cleaning

1. Fill the container to the "MAX" line with a solution of 75% water and 25% vinegar.
2. Turn on the machine and set the working temperature to 176 degrees Fahrenheit (80 degrees Celsius) with a time of 3 hours (03:00), and press Start. After 3 hours, the machine will beep, then turn off the machine and unplug it to allow it to cool to room temperature.
3. Repeat this process with a container full of clean water to rinse.

Storage

1. Store the model in an upright position after use to prevent water from leaking into the top portion.
2. If liquid gets into the top part of the model, turn the power off and dry with a clean towel before use.

Troubleshooting

Problem	Solution
The water level is lower than the lowest water level mark	• Turn off the machine power, add the right amount of water to the container.
No power to the unit	• Ensure the machine is properly plugged into a grounded outlet. • Check the power cord for tears, frays, or other damage. • Do not use machine if the power cord is damaged.
The unit is no longer heating	• Ensure that the water level is between the MIN and MAX fill lines marked on the head. If not, allow the unit to cool and add water until the level reaches between these 2 marks.

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