

■ Boiler Operation Manual

MODEL : OM-Heater-650

Size : 150 x 240 x 125mm(H)

Rated Voltage : AC 120V 50/60Hz

Rated Power : 360W

Rated Current : 3A

■ Safety Precautions

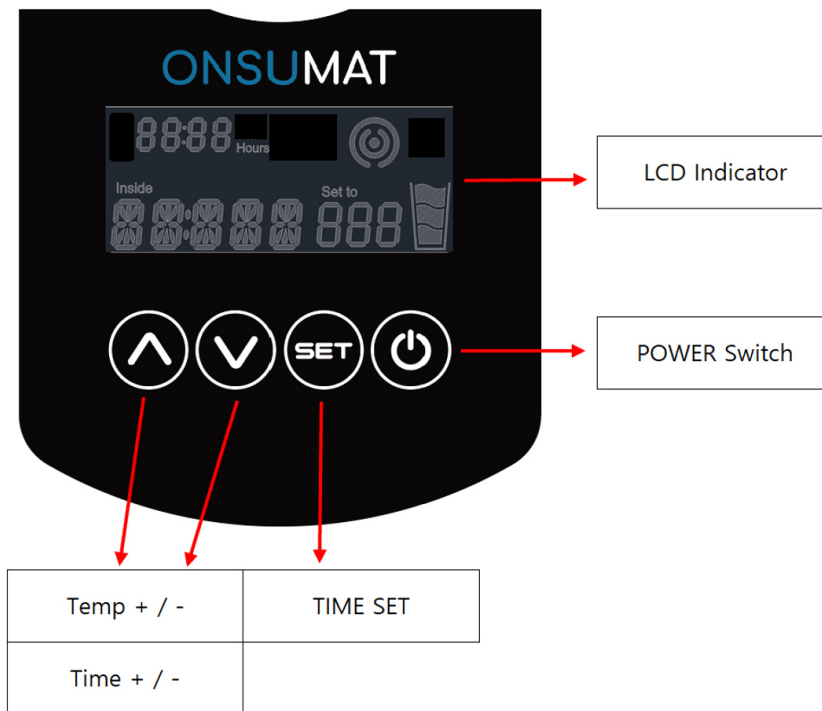
1. Before filling the unit with water, make sure the hoses between the boiler and the mat are securely connected. Failure to do so may result in water leakage.
2. Before plugging in the power cord, verify that the power supply matches the rated voltage of the product. Failure to do so may cause electric shock or fire.
3. Place the unit on a flat, level surface. If the unit is tilted, operation will stop automatically.
4. Always unplug the power cord before inspecting the unit or draining the water. Failure to do so may result in electric shock.
5. Do not place the mat more than 70 cm (27.6 inches) higher than the boiler unit. Poor water circulation may prevent proper operation.
6. When filling the water tank, add water slowly to avoid overflow. Overflowing water may cause electric shock or water leakage.
7. Use only purified water or bottled drinking water. Do not fill the unit with any other liquids.
8. When connecting the hoses between the unit and the mat, ensure that the hoses are not bent or kinked. Restricted water flow may prevent proper operation.

■ Installation

1. Place the heating mat in the desired location.
2. Connect the hoses between the boiler unit and the mat.
3. Open the water inlet cap, fill the unit with water, and securely close the cap.
4. Plug the power cord into an electrical outlet. The LCD will illuminate for approximately 5 seconds and then turn off.

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■ LCD , Touch Key



■ Operation

1. The unit operates only when there is sufficient water inside the tank. If the tank is empty, a warning message will appear and the unit will not operate.
2. Touch the **Power** button to start operation. The unit will operate using the default temperature and operating time. If no settings are changed during operation, the unit will automatically stop after the preset time has elapsed.

■ Default Settings

- Operating Time: **10 hours**
- Water Temperature: **98°F**

■ Adjustable Range

- Operating Time: **1 to 24 hours**
- Water Temperature: **68°F to 158°F**

■ Settings

1. Water Temperature Adjustment

While the unit is operating, touch the ▲ or ▼ button to adjust the water temperature.

When either button is touched, the currently set temperature is displayed on the LCD.

Continue pressing ▲ or ▼ to adjust the temperature.

- Each press changes the temperature by **1°F**.
- Press and hold the button to change the temperature rapidly.

2. Operating Time Adjustment

While the unit is operating, touch the SET button, then touch ▲ or ▼ to adjust the operating time.

The remaining operating time will be displayed on the LCD.

- Each press changes the operating time by 15 minutes.
- Press and hold the button to change the time rapidly.

■ Error Messages

The following warning messages may appear on the LCD.

EMPTY

The water tank is empty. (Displayed for 10 seconds.)

The unit will not operate until water has been added.

Add Water

The water level is low and additional water is required.
(Displayed for 10 seconds.)

FULL

Indicates that the water tank is full while adding water.
(Displayed for 10 seconds.)

ERROR2

The internal temperature sensor has malfunctioned.
(Displayed for 30 seconds.)

The unit will stop operating. Service or replacement is required before the unit can be used again.

FCC Statement

1.This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)This device may not cause harmful interference.(2)This device must accept any interference received, including interference that may cause undesired operation.

2.Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:This equipment has been tested and found to comply with the limits for a class B digital device,pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and,if not installed and used in accordance with the instructions,may cause harmful interference to radio communications.However,there is no guarantee that interference will not occur in a particular installation.if this equipment does cause harmful interference to radio or television reception,which can be determined by turning the equipment off and on,the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which thereceiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction

ISED Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF. L'appareil peut être utilisé dans des conditions d'exposition portable sans restriction.