

Instruction Manual

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Food Display Warmer

OSL-450

OSL-600

Thank you for purchasing this product. For the safe and proper use of this product, be sure to carefully read and fully understand this instruction manual before use.

Failure to observe the precautions described in this manual may result in an accident causing injury or death.

Be very careful not to use this product in any manner other than as indicated in this manual.

After reading this manual, keep it in a handy place for future reference.




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Safety Precautions
















- Read this "Safety Precautions" section to ensure proper product use.
- The precaution items listed in this manual are intended to ensure safe and proper product use, as well as for preventing damage or injury to the user or others. The precaution items are classified into "WARNING" and "CAUTION" so as to clarify the degree of possible damage or injury in the case when the product is used improperly without following the relevant precaution item. Both precautions are important for safety, thus be sure to observe them.
- After reading this manual, always keep it in a handy place when using the product.
- **Example of symbols 1** ... Precaution items are classified and indicated via the following symbols.

















 WARNING	This symbol indicates the possibility of serious injury or even death.
 CAUTION	This symbol indicates the possibility of physical injury or property damage only.

- **Example of symbols 2** ... Precaution items are classified and indicated via the following symbols.

	A triangle (△) indicates an alert or necessary caution. (The figure at left indicates a caution regarding high temperature.)
	A circle with a diagonal line through it (⊘) indicates an act that is prohibited. (The figure at left indicates that disassembly is prohibited.)
	A black circle (●) indicates a necessary directive that the user must follow.

 WARNING	If the product is used improperly without following the instructions below, serious injury or even death can occur.
 Prohibited: Disassembly	Persons other than service engineers must not disassemble, attempt to repair, or modify the product. Otherwise, fire, electric shock, or accidents involving falls can occur. If the connection is incomplete, an electric shock or fire can occur.
 Prohibited	Do not allow the product to be used by children. Keep children away from the product. Otherwise, burns, electric shock, or injury can occur.
 Do not allow the product to come in contact with water.	Do not allow the product to come in contact with water. Allowing the product to come in contact with water can cause short-circuiting or electric shock.
 Prohibited: Excessive humidity	Do not install the product in humid areas or in locations where the product could come in contact with water. Otherwise, an insulation failure may result, and electrical leakage or electric shock can occur.
 Prohibited	Avoid damaging the power cord. Do not place any object on the cord. Do not pull, bundle, pinch, or tamper with the cord. Do not allow the cord to come close to an area of high temperature. Doing so can damage the power cord, causing electric shock or fire.

 WARNING	<p>If the product is used improperly without following the instructions below, serious injury or even death can occur.</p>
 Prohibited: Handling with wet hands	<p>Do not touch or operate the power plug, power switch, or other electrical parts with wet hands. Doing so can cause electric shock.</p>
 Installation on a horizontal/stable surface	<p>Be sure to install the product on a horizontal and stable surface. Otherwise, the product may fall and sustain impact.</p>
 Prohibited	<p>Do not set anything on top of the product or allow the product to sustain large impact. Otherwise, the door may come off or the product may fall, causing injury or failure.</p>
 Prohibited: Outdoor use	<p>Do not use the product outdoors. If the product is exposed to rain, electrical leakage or electric shock can occur.</p>
 Do not connect the product through power bars, etc.	<p>Never use power bars, multiple electrical adapters, etc. Otherwise, fire can occur.</p>
 Prohibited	<p>Do not bend the power plug blade intentionally to prevent the blade from coming off. Doing so can cause a loose connection, resulting in fire.</p>
 Prohibited	<p>If the power cord or plug is damaged, or if the plug cannot be firmly inserted into the outlet, do not use the product. Using the product under such a condition can cause electric shock, short-circuiting, or ignition.</p>
 Prohibited: Improper product disposal	<p>Contact a disposal service provider, public agency, or your dealer for the proper disposal of the product (fees may apply). If a third party modifies the product, or if the product is used for any purpose other than for use as a food display warmer, an unexpected accident might occur.</p>
 Prohibited	<p>Do not move the main unit when the unit is in use. Doing so can cause a failure or accident.</p>
 Direction	<p>Insert the power plug deeply and firmly. Otherwise, short-circuiting, electric shock, or fire can occur.</p>
 Caution regarding installation	<p>Be sure to use a 220-240VAC, 10A+ power supply. Use of a power supply other than this can cause abnormal heating or fire.</p>
 Plug removal	<p>If any unusual smell, noise, or smoke appears, immediately turn the power OFF and remove the power plug from the outlet. Otherwise, fire or electric shock can occur.</p>
 Checking and cleaning	<p>Periodically, check that the power plug blade or the blade-mounted surface does not exhibit any adherence of dust. Fully insert the blade into the outlet, and ensure that it is not loose. If dust is adhered or if the connection is not secure, electric shock or fire can occur.</p>
 Connecting the ground	<p>Perform grounding work without fail. - If the outlet is not equipped with a ground terminal, have it installed by your dealer or an electronics store. If grounding is not secure, electric shock can occur. - Do not connect the ground line to a gas pipe, telephone line, lightning rod, or water pipe.</p>

 CAUTION	<p>If the product is used improperly without following the instructions below, physical injury to the user or damage to property can occur.</p>
 Holding the plug during removal	<p>When removing the power plug, always hold the plug itself—do not pull on the cord. Pulling by the cord can cause electric shock or short-circuiting, resulting in ignition.</p>
 Caution	<p>Be careful not to allow the product to drop or sustain impact. Doing so can cause a failure or fire.</p>
 Caution	<p>Discard plastic packaging articles or cushioning included in the package immediately after unpacking. If a child tampers with plastic packaging articles, an accident involving suffocation might occur.</p>
 Prohibited	<p>Do not put heavy items or items containing water on the product. Doing so can cause damage to the product, or can cause injury, short-circuiting, electric shock, rust, or failure.</p>
 Caution	<p>For plastic food containers, use one with heat resistance of 120°C or more. However, note that if a plastic food container is placed on the lower heat cover, it may be deformed or melted.</p>
 Caution	<p>Do not place a food container on the heater cover. If you do so, heat from the heater can be trapped inside, resulting in trouble regarding temperature control.</p>
 Caution	<p>Do not turn OFF the power switch while warming food. Otherwise, the inside temperature can become lowered and food can perish.</p>
 Holding the plug during removal  Removal of moisture	<p>When not in use, remove food and wipe off any moisture from inside the warmer. Otherwise, unusual odors may occur. Also, for safety, turn OFF the power switch and remove the power plug from the outlet.</p>
 Caution	<p>Do not leave food in the warmer for one day or longer. Food that is warmed for long periods of time will lose taste and flavor.</p>
 Caution regarding high temperatures	<p>Perform maintenance only after confirming that the warmer has been cooled completely. Otherwise, contact with high-temperature areas may occur, and burns may result.</p>
 Caution regarding high temperatures	<p>Do not touch heater parts and other high-temperature areas during use and for a while after use. Otherwise, burns may occur.</p>
 Caution regarding high temperatures	<p>Do not touch the shelf net, heater cover, or inside the warmer after usage for keeping items warm. Otherwise, burns may occur.</p>
 When not in use	<p>When not in use, switch the power OFF and remove the power plug from the outlet. Otherwise, electric shock or fire due to electrical leakage may occur.</p>
 Plug removal	<p>If thunder begins to sound, remove the power plug from the outlet. In case of a lightning strike occurrence, the product may be damaged due to the invasion of abnormal current and voltage generated by direct or indirect lightning surge via power wires, etc.</p>

Applications





This food display warmer is for indoor use only and is designed to be used for keeping prepared food warm. Do not use it for any other purpose.

How It Works

This product is equipped with a heater to keep prepared food warm, and the temperature inside the warmer is controlled by the temperature controller.

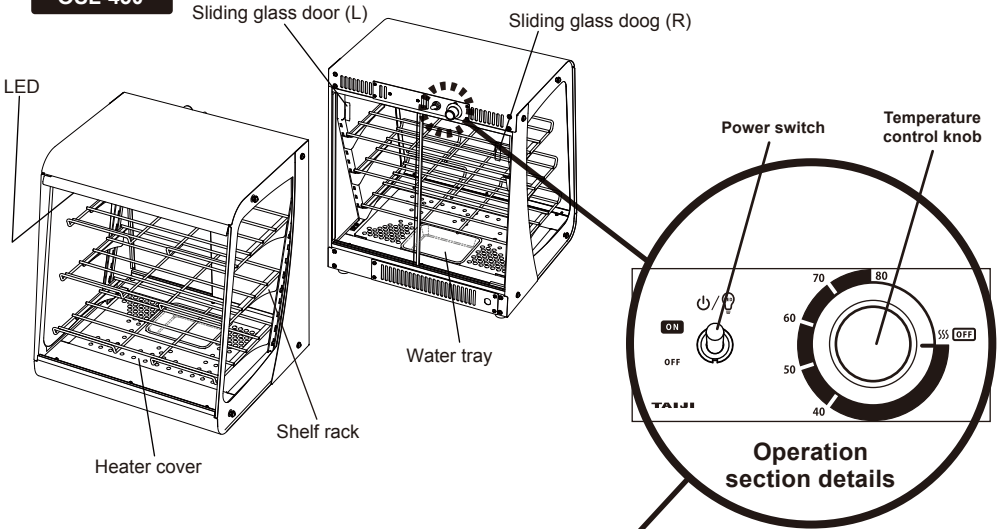
Checking and Preparation before Use

1. Take the product out of the box, remove any plastic, and install all parts.
2. The box contains the **"main unit," "accessories" (see page 6 for details), and the "Instruction Manual" (this document)**. Check that all of these are present.
3. Install the product under the following conditions.
 - Install the product on a horizontal and stable surface.
 - Install the product in a location not affected by heat, direct sunlight, gas cookers, cooking ranges, and other heat sources (at least 50 cm away from any heat source).
 - Do not install the product in a location with high humidity or near water.
Be sure to maintain clearance around the main unit for secure ventilation.

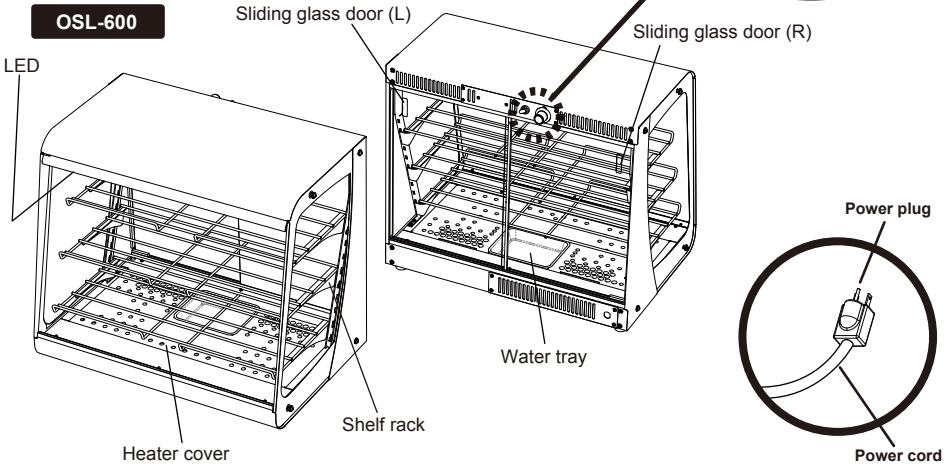
 WARNING	 Caution regarding installation	Be sure to use a 220-230VAC, 10A+ power supply. Use of a power supply other than this can cause abnormal heating or fire.
 CAUTION	 Caution	Discard plastic packaging articles or cushioning included in the package immediately after unpacking. If a child tampers with plastic packaging articles, an accident involving suffocation might occur.

Part Names and Handling

OSL-450

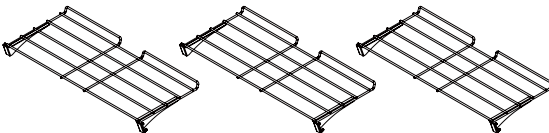


OSL-600

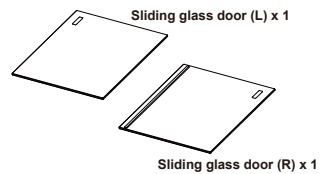


Included accessories

Shelf rack x 3



Sliding glass door (pair)

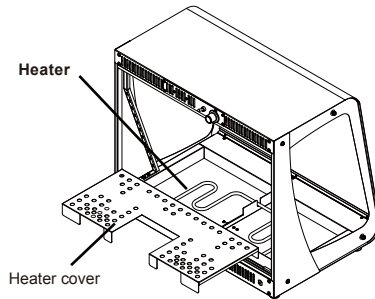


About the inside of the warmer

About the heater

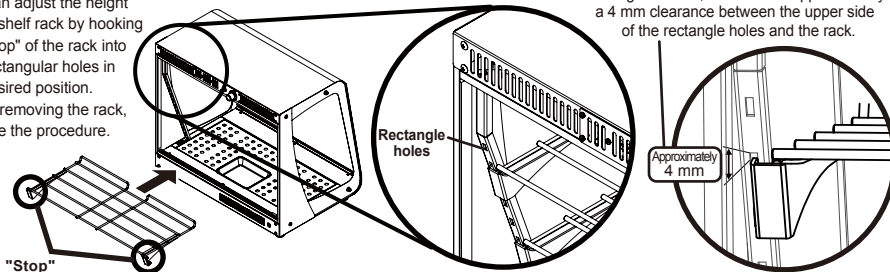
A heater is situated under the heat cover. When in use, do not touch the heater cover, the heater itself, and the Water tray.

 CAUTION	 Caution regarding high temperatures
<p>Do not touch heater parts and other high-temperature areas during use and for a while after use. Otherwise, burns may occur.</p>	



Setting the shelf rack and adjusting its height

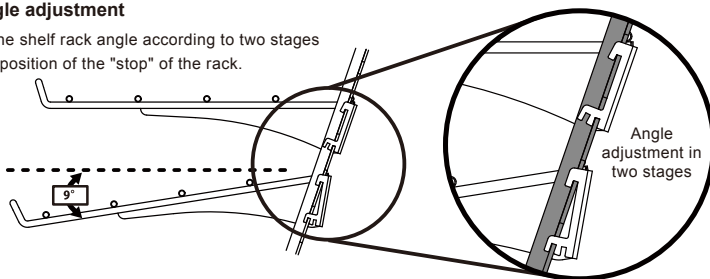
You can adjust the height of the shelf rack by hooking the "stop" of the rack into the rectangular holes in the desired position. When removing the rack, reverse the procedure.



* The load capacity of the shelf rack is 5 kg per shelf on an equal-static-load basis.

Shelf rack angle adjustment

You can adjust the shelf rack angle according to two stages by adjusting the position of the "stop" of the rack.

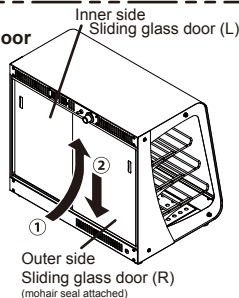


Setting the sliding glasses door

There is sliding glass door on the back of the product, and it can be removed.

* The two pieces of sliding glass door (one for the right and one for the left) are not the same in design.

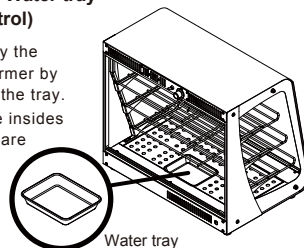
Set them so that the handle (concave part) of the sliding glass door comes to the upper side.



Regarding the Water tray (humidity control)

You can humidify the inside of the warmer by putting water in the tray.

* Note that if the insides of the warmer are excessively humidified, condensation may occur.



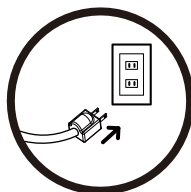
 CAUTION	 Caution
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Do not apply excessive force to the shelf rack. Doing so can cause damage, such as bending or folding. (The load capacity of the shelf rack is 5 kg per shelf on an equal-static-load basis.)

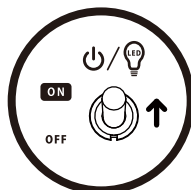
Operation

For usual operation

1. Insert the power plug into the outlet.



2. Check that the temperature control knob is set to the OFF position, and then turn the power switch to ON (LED lights).

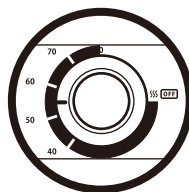


Power switch

3. Set the desired temperature range by using the temperature control knob.

The indicated temperature is only a guide.

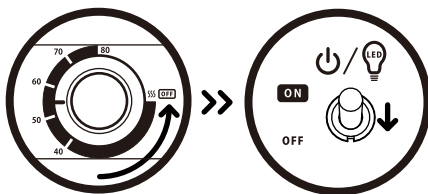
The LED lights up even when the temperature control knob is set to the OFF position.



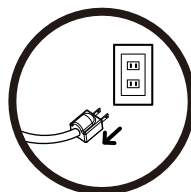
Temperature control knob

When stopping the operation

1. Set the temperature control knob to OFF, and then turn the power switch to OFF.



2. Remove the power plug from the outlet.







Maintenance

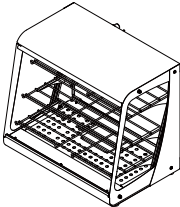
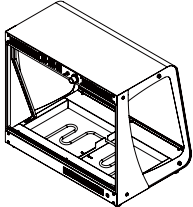
Observing maintenance timing

Daily maintenance is important for using the product for a long time.


Check the following before maintenance.

 WARNING	 Holding the plug during plug removal	<p>Remove the power plug from the outlet before starting maintenance operation. Otherwise, electric shock can occur.</p>
 CAUTION	 Caution regarding high temperatures	<p>Perform maintenance only after confirming that the warmer has been cooled completely. Otherwise, contact with high-temperature areas may occur, and burns may result.</p>

Wiping the product with a soft, tightly wrung cloth **Every day**

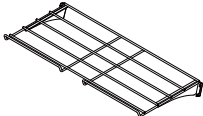
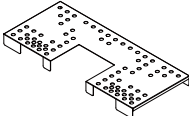
Outside the main unit
Inside the main unit




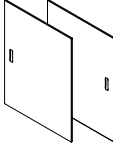
- Scrubbing brush
- Wire wool
- Sponge

Do not use!


Washing with a dishwashing neutral detergent **Every day**

Shelf rack
Heater cover


Water tray
Sliding glass door



- Scrubbing brush
- Wire wool

Do not use!

Do not use the following for maintenance.



- Alkaline synthetic detergents
- Cleansers
- Thinners

- Benzine
- Household synthetic detergents

Do not use!

Troubleshooting

(1) The temperature does not increase even after turning the power ON.

Is the power plug (or conversion plug) loosely inserted into the outlet?



Insert the power plug (or conversion plug) securely and firmly until it can't be inserted any further.

Is the power supply circuit breaker tripped?



Remove the power plug (or conversion plug) and check the power supply circuit breaker used for the room.

Is the temperature control knob set to OFF?



Check the temperature control knob position and adjust it to the desired temperature range.

(2) The LED does not light up even after turning the power ON.

Is the power plug (or conversion plug) loosely inserted into the outlet?



Insert the power plug (or conversion plug) securely and firmly until it can't be inserted any further.

Is the power supply circuit breaker tripped?



Remove the power plug (or conversion plug) and check the power supply circuit breaker used for the room.

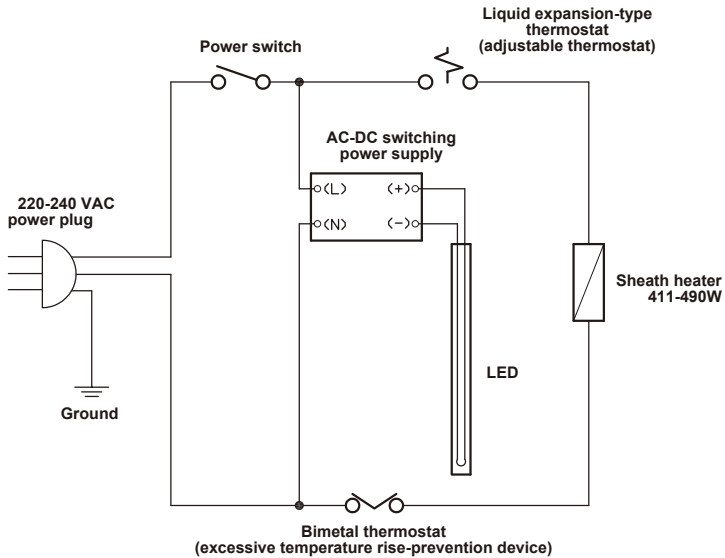
If a normal condition could not be restored even after the countermeasures above are executed, contact your dealer, your nearest distributor, or Taiji & Co., Ltd. For details, **please see "Warranty and After-sales Service" (page 11).**

Specifications

Model	OSL-450	OSL-600
Rated voltage	Single-phase 220-240V, 50/60 Hz	
Power consumption	420-500W	425-505W
Temperature control	Adjustable thermostat	
Temperature inside the warmer	Standard temperature: 40 to 80°C	
Safety device	Excessive temperature rise-prevention device: 135°C	
Lighting specification	LED 24V 8.4W	LED 24V 12W
Heater specification	450W (230V)	
External dimensions	W453×D400×H535	W603×D400×H535
Internal dimensions	W440×D(360/266)×H413	W590×D(360/266)×H413
Weight	22kg	25kg
Included accessories	Sliding glass door (pair), shelf rack × 3	

* The specifications and external appearance are subject to change without prior notice, for improvement.

Circuit Diagram



Warranty and After-sales Service

- For after-sales service, contact your dealer, your nearest our distributor, or Taiji & Co., Ltd.
- The warranty period is one year from the date of shipment from TAIJI. This is effective between TAIJI Japan as a manufacture/exporter and importers/distributors in each countries. However, for a failure due to unintended use other than described in the "Applications" section, repair costs will apply within even the warranty period.
- Service parts are kept in inventory for five years after production is discontinued.
* "Service parts" refers to the parts necessary to maintain product functions.

To contact us via the internet, access the following URL.

<http://www.taiji.co.jp/e/contact/contact.php>

To contact us directly, contact the following address or phone number.

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