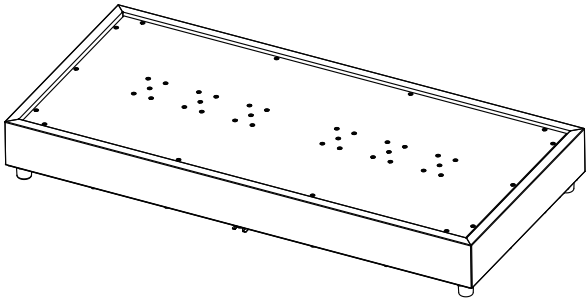


TAIJI

INSTRUCTION MANUAL



Thank you for purchasing the Taiji cooling plate.

CAUTION:
To use this product safely and properly, carefully read and fully understand this instruction manual before use.

COOL PLATE

Model **CP-940** series

- CP-940: Standard Plate
- CP-940(GW): with White Glass
- CP-940(GK): with Black Glass
- CP-940(IB): with Acrylic case/DCR frame

Safety Precautions

- Please peruse these “Safety Precautions” carefully so that you can use your product in the proper way.
- Please keep these “Safety Precautions” handy for future reference after being read.
- The precautionary measures referred to herein are matters that should be abided by for safe use and to prevent harm and/or damage being inflicted on yourself or others. Furthermore, the particulars of the precautionary measures have been classified into categories of “Warning” and “Caution” so as to express the degree or extent of conceivable harm and damage that can be assumed to occur from mishandling. The categories are both of importance as far as safety is concerned and should be strictly abided by.

	WARNING	Assumed to possibly result in death or serious injury
	CAUTION	Assumed to possibly result only in bodily injury or physical damage

- The precautionary measures that should be abided by are expressed via certain marks and are explained as follows:

	△ indicates “Warning and caution is urged.” (The one on the left indicates “Beware of electrical shock.”)
	⊘ indicates “Forbidden.” (The one on the left indicates that disassembly is forbidden.)
	A “●” mark indicates “Instructions,” which should be followed by all means. (The one on the left indicates that grounding is a requirement.)

⚠WARNING

	(1) This device is to be set upon a stable and flat location and not to be moved while the plug is connected to power source. Otherwise, abnormal performance could result.
	(2) This device should never be disassembled, repaired, or modified by anyone other than a repair technician. Otherwise, fire or abnormal performance could result.
	(3) Ensure a proper ground. Imperfect grounding could lead to electric shock.
	(4) Do not immerse this device in or douse it with water. Otherwise, electric shock or a short-circuit could occur.
	(5) Periodically confirm that the plug contacts are kept clean and that they are firmly inserted into the power outlet. Dust accumulation or imperfect contact could be the cause of an electric shock or fire.
	(6) Handle the power cord with care. In case the power cord is processed, pulled, bundled, or a heavy item is placed upon or squeezes it, the cord is apt to be damaged and could cause electric shock or fire. The power cord should not come into contact with a heat source.
	(7) Ensure that the power source is from a dedicated outlet at AC 230V rated for at least 15A. Using branched sockets could be the cause of abnormal heat, fire, etc.
	(8) Do not intentionally bend plug contacts to prevent the plug from dropping out of the electric outlet. Imperfect contact could cause fire.
	(9) In the event of abnormal odor or sound, the emission of smoke, or in case water or a foreign substance should happen to enter the cabinet, switch off the unit immediately and remove the plug from the electric outlet. Otherwise, electric shock and outbreak of fire could result.
	(10) Do not touch or manipulate electrical parts such as the plug, power source switch, etc., with wet hands. Otherwise, electric shock could occur.
	(11) Do not use this device outdoors. Using the product where rainfall is present could cause electric leakage and/or electric shock.

Purpose of Use

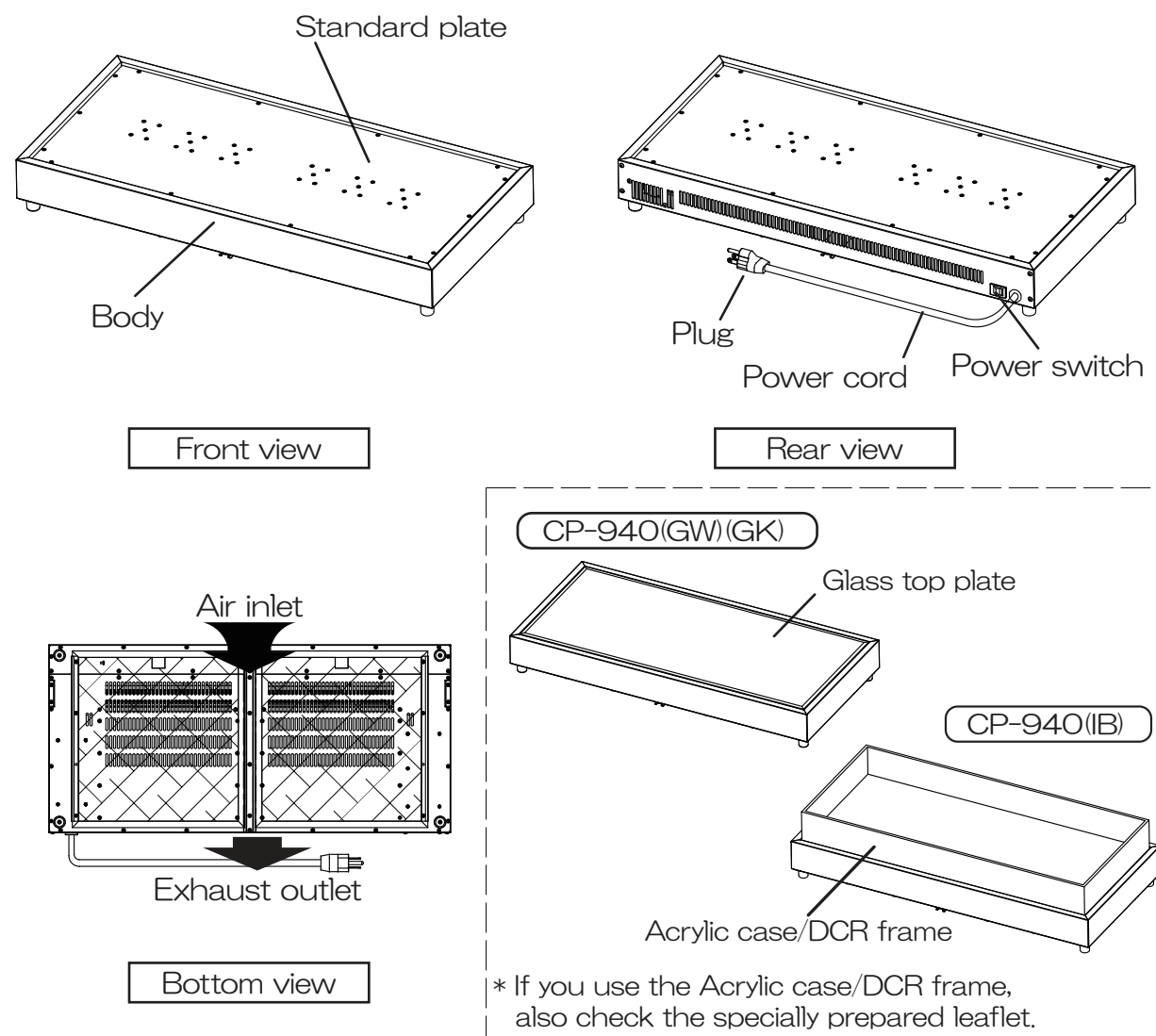
This device is a cooling plate for use indoors only, designed for the purpose of food cold storage and for food display. If you intend to use the product for purposes other than for cooling food, please consult with us.

Operational Mechanism

This product cools food by activating the Peltier unit attached to the plate surface so as to cool the plate surface to approximately 7° C. (This is the temperature at the center of the plate surface in the condition where the room temperature is 25° C and where there is a sufficient clearance around the product.)

* The Peltier unit is the heat exchange unit that utilizes a Peltier element, which is a type of semiconductor.

Designation of Parts



⚠WARNING

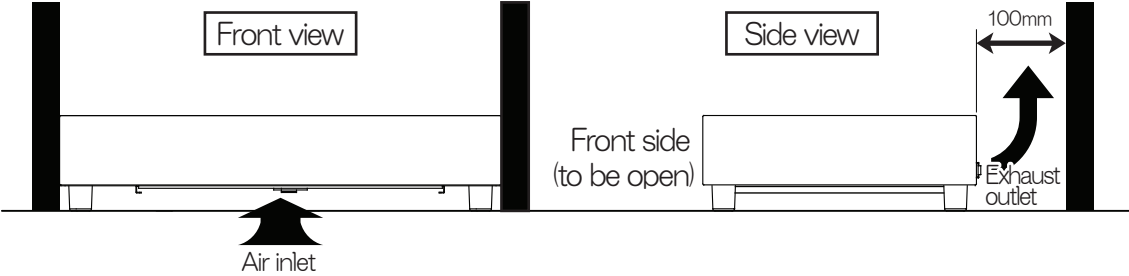
	(12) The disposal of this product should be performed by a specialized contractor, a public agency, or the distributor from where the product was purchased. (A disposal fee usually applies.) Disposal at random could result in third-party usage for purposes other than a food cooler, which could result in an unexpected accident.
	(13) Do not allow children to use this device, and do not use it within reach of children. Otherwise, electric shock or injury could occur.

⚠CAUTION

	(1) Hold the plug and not the cord when removing the plug from the electric outlet. Not doing so could result in electric shock or fire.
	(2) Do not drop this product or allow it to sustain severe shock. Otherwise, device failure or fire may result.
	(3) Discard immediately the polyethylene bag that the product was packed inside. Keep it out of reach of children so as to prevent incidents of suffocation.
	(4) Remove the plug from the electric outlet as soon as thunder is heard. In the event of a nearby lightning strike, abnormal current/abnormal voltage could infiltrate through the power source line, etc., and could possibly damage the product.
	(5) Switch off and remove the plug from the electric outlet when not in use. Otherwise, electric shock or an electrical fire, etc., could result.
	(6) Do not use the device when the power cord or plug is damaged or when the electric outlet is loose. Usage under such conditions could cause electric shock, short-circuit, fire, etc.
	(7) Do not place heavy items on top of this product or bump something against it. Otherwise, damage, injury, short-circuit, electric shock, corrosion, or device failure, etc., may occur.
	(8) Keep clearance around the product (100 mm or more). The heat of the exhaust air can cause damage.
	(9) Clean the filter periodically (about once a month). Failure to do so can cause insufficient heat release, leading a failure.
	(10) Wipe off any moisture within the case as well as the body after use and remove any foreign substances. Leaving moisture or substances inside could cause rust and the deterioration of cooling performance. It will also lead to malfunctioning when used thereafter.
	(11) Do not put any heavy object on the glass plate (for the glass type only) or bump something against it.

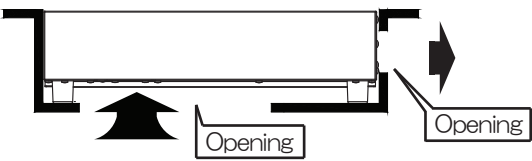
Checking Prior to Use and Setting

1. Remove the product from the packing carton and make sure that the Instruction Manual and the accessories are included.
2. Set up the device as per the following situation:
 - At a place where the device can be flat and stable.
 - At a place where the device is not affected by heat: avoid places with direct sunlight and avoid places near stoves, microwaves, etc. (to be set away from such units by at least 500 mm).
 - Away from moist places or where the device is susceptible to being splashed with water
 - At a place where there is space all around the device, so as to allow for ventilation.
 - Do not block the air inlets on the front and bottom sides of the main unit. Also do not block the exhaust outlet on the rear side of the main unit.
 - Keep space of 100 mm or more for clearance between the rear side of the main unit and the wall or obstacles, so as to prevent heat from being accumulated.
 - * If the temperature around the air inlet rises, the cooling temperature will rise or failure can result.
 - * The dimensions of the clearance shown in the figure are the minimum required for installation.

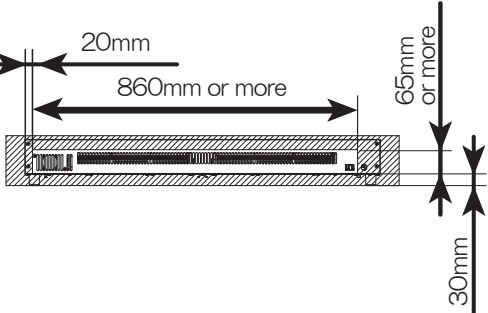
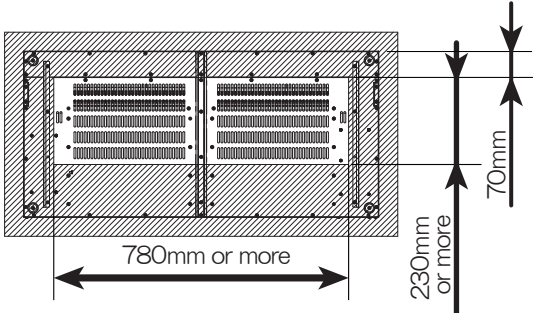


For built-in use

1. As shown in the side view of the dimensions of the opening below, an opening of 780 mm or more in width and 230 mm or more in depth is needed for the bottom side (which has the air inlet). Prepare the opening by positioning the side of the opening at 70 mm from the front side of the main unit.



2. As shown in the rear view of the dimensions of opening below, an opening of 860 mm or more in width and 65 mm or more in height is needed for the rear side (which has the exhaust outlet). Prepare the opening by positioning the side of the opening at 30 mm from the floor.



■ Dimensions of the opening on the bottom side

■ Dimensions of opening on the rear side

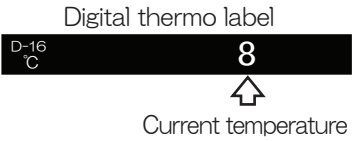
Sequence of Usage

1. If fluid or foreign materials remain on the surface of the plate or the glass plate, remove them with a dry towel, etc.
 - * If liquid, etc., remains, failure or malfunction can result.
2. Turn on the power switch. The Peltier unit is activated and cooling is started.
 - * The fan is rotated, and exhaust heat is discharged from the rear side of the main unit.
 - * If you use the Acrylic case/DCR frame, place it in the correct position.
3. Perform a preliminary operation with no food for about one hour, check that the plate is cool, and then operate the product for actual use.
 - * This device is used for keeping foods cool. Therefore, as a preliminary operation, turn the power ON to cool the plate surface, and then use food that has been cooled in advance.
 - The indication of cooling temperature is the temperature at the center of the plate surface in the condition where the room temperature is 25° C (77° F), the device is operated with no food on it, and the temperature becomes stable.
 - * The temperature of the plate surface changes depending on the room temperature or the usage conditions.

When measuring the temperature of the plate

- Measure the temperature by attaching the supplied thermo label seal to the plate surface.
- The current temperature is indicated in green figures.

Measuring range:
From approximately -6° C (-21° F) to 14° C (57° F)

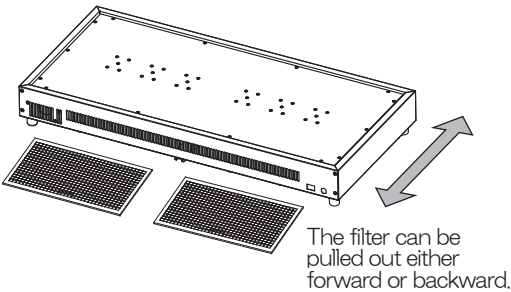


Post-use Instructions

1. Switch the device off and remove the plug from electric outlet.
2. Wipe off the liquid or dirt attached to the main unit, plate surface, glass plate surface, or Acrylic case/DCR frame using a dry cloth or a firmly squeezed wet cloth.
 - * If you use a sponge, use a soft one to prevent scratching.
 - If you use a detergent, use a neutral detergent.
 - * As the Acrylic case/DCR frame is easy to be damaged, be careful when handling it.
- * To provide good performance, the frequent cleaning of the filter is necessary. Check whether the filter of the air inlet on the bottom side of the main unit is not clogged with dirt. If it is clogged, remove the filter, and suck in the dirt by using a vacuum cleaner.

Filter

Pull out the filter forward or backward.
* 420 mm or more of clearance from the main unit is needed to pull out the filter.



After-Purchase Servicing

For after sales service, call the store where you have purchased your cool plate, or nearest TAJI sales representative or TAJI & CO., LTD. in Japan. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

TAJI & CO., LTD.
8-2, Okawa-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa, 210-0858 Japan
TEL : +81-44-329-6338, FAX : +81-44-326-5860
E-mail : overseas@taiji.co.jp
URL : <http://www.taiji.co.jp/e>

Product Specifications and Circuit Diagram

Model	CP-940	
Rated voltage	Single-phase 230V, 50/60Hz	
Power consumption	450W	
Cooling method	Peltier element	
Plate temperature	7° C ± 5° C (35 to 53° F) (when the ambient temperature is 25° C)	
Outer dimensions	CP-940	W940mm×D440mm×H122mm
	CP-940(GW)(GK)	W940mm×D440mm×H122mm
	CP-940(IB)	W940mm×D440mm×H213mm
Plate dimensions	W900mm×D400mm	
Weight	CP-940	17k g
	CP-940(GW)(GK)	21.5k g
	CP-940(IB)	24.0k g
Accessories	Thermo label seal, plus others (depending on your selection of optional items)	

* Please note that specifications and appearance are subject to change without prior notice, for improvement.

Circuit Diagram

