



CE

COUNTER SHOWCASE
ARMOIRE VITREE
THEKENSCHAUKASTEN
TOONBANKVITRINE
VITRINA PARA MOSTRADOR
VETRINA ESPOSITIVA DA BANCO

HNC-120AE-L/R
HNC-150AE-L/R
HNC-180AE-L/R
HNC-210AE-L/R

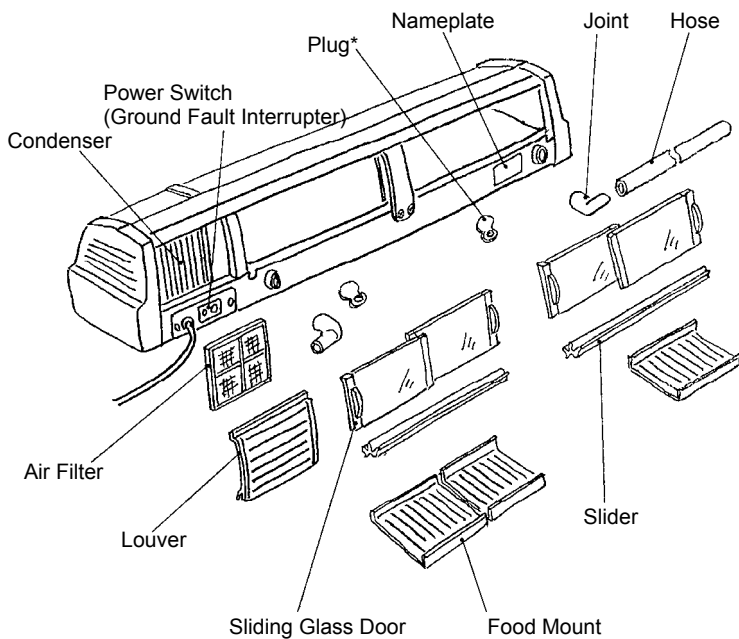
INSTRUCTION MANUAL
NOTICE D'UTILISATION
BEDIENUNGSANLEITUNG
GEBRUIKSAANWIJZING
MANUAL DE INSTRUCCIONES
MANUALE D'ISTRUZIONI

IMPORTANT

1. This booklet is an integral and essential part of the product and should be kept and preserved by the user. Please read carefully the guidelines and warnings contained herein as they are intended to provide the installer/user with essential information for the proper installation and the continued safe use and maintenance of the product. Please preserve this booklet for any further consultation that may be necessary.
2. This is a commercial showcase, and should be destined only to be used for the purpose for which it has been expressly designed. Any other use should be considered improper and therefore dangerous. The manufacturer will not be held liable or responsible for any damage caused by improper, incorrect and unreasonable use.

I. GENERAL INFORMATION

1. CONSTRUCTION



*Note: Always attach the two Plugs to the drain holes located in the showcase.

Fig. 1

II. INSTALLATION AND OPERATING INSTRUCTIONS

1. CHECKS BEFORE INSTALLATION

*Visually inspect the exterior of the shipping container, and any severe damage noted should

be reported to the carrier.

WARNING

Remove shipping carton, evaporator spacer, tape(s) and packing. If packing material is left in the showcase, it will not work properly.

IMPORTANT

Remove shipping tape holding the Door.

- * Remove the package containing accessories.
- * See the Nameplate on the rear of the showcase, and check that your voltage supplied corresponds with the voltage specified on the Nameplate.

2. LOCATION

IMPORTANT

This showcase is not intended for outdoor use. Normal operating ambient temperature should be within 10°C to 30°C. Operation of the showcase, for extended periods, outside of this normal temperature range may affect cooling performance.

For best operating results:

- * The showcase should not be located next to ovens, grills or other high heat producing equipment.
- * The location should provide a firm foundation for the equipment across its entire bottom surface. Any unevenness or the insertion of packing resulting in only partial contact could result in the case becoming damaged or deformed causing a failure. The showcase should always be level from side to side and back to front.

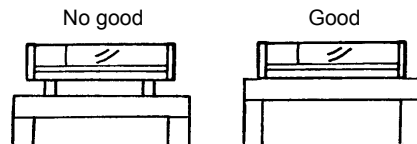


Fig. 2

If the foundation is not firm enough, it may warp and cause some space between its center and the showcase bottom. In this case, provide a support to keep the foundation level.

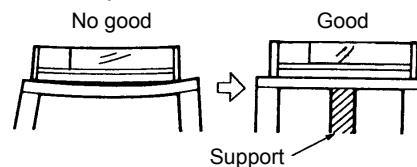


Fig. 3

- * Avoid a site where dripping is not allowed.
- * Do not expose the showcase to direct sunlight or higher temperatures to prevent damage to the plastic housing.
- * Allow at least 15cm clearance between the Condenser air inlet/outlet and the wall or other equipment for proper air circulation. The rear of the showcase should have enough space for smooth operation of the Power Switch and for easy access to the Louver and Air Filter.

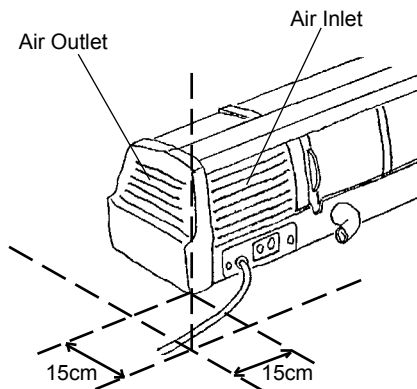


Fig. 4

3. SET UP

IMPORTANT

Carry the showcase by holding its bottom.

- 1) Unpack the showcase, and remove all shipping carton, evaporator spacer, tapes and packing BEFORE operating the unit. Be careful not to damage the exterior panels when handling the showcase.
- 2) Position the showcase in a selected site. Clean the interior with soap and water and rinse thoroughly.
- 3) Level the showcase in both the left-to-right and the front-to-rear directions.
- 4) The perimeter where the machine touches the counter should be sealed with silicone.

4. ELECTRICAL CONNECTIONS

- * This showcase must be plugged into the separated power receptacle which has enough capacity. The maximum allowable voltage variation should not exceed ± 10 percent of the nameplate rating. See the Nameplate.

- * If the supply cord and the plug should need to be replaced, it should only be done by a qualified service engineer.

For the U.K. and the Republic of Ireland only

- * The wires in the mains lead are coloured in accordance with the following code:

Green & Yellow = Earth
Blue = Neutral
Brown = Live

As the colours of the wire in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Green-and-Yellow must be connected to the terminal in the plug which is marked with the letter E or by the symbol \perp or coloured Green or Green-and-Yellow. The wire which is coloured Blue must be connected to the White wire in the load circuit. The wire which is coloured Brown must be connected to the Black wire in the load circuit.

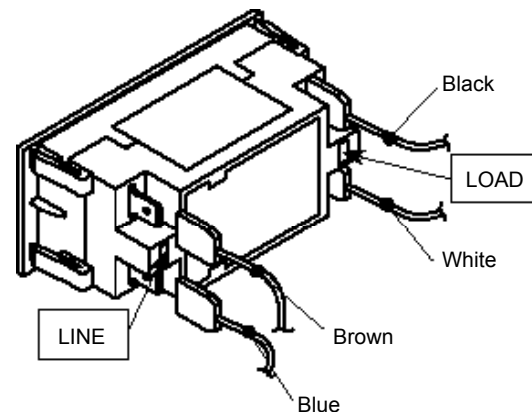


Fig. 5

- * Should the socket outlets in the installation site not be suitable for the plug supplied with your product, the plug must be removed (cut off if it is moulded on plug) and an appropriate plug fitted.

If the non-rewirable plug has been cut from the power supply cord, it must be disposed of. There should be no attempt to reuse it. Inserting such a plug into a socket elsewhere presents a serious risk of electrical shock.

- * The non-rewirable plug must never be used without a fuse cover being fitted.

The correct replacement for the detachable fuse cover is identifiable from the manufacturer's reference number stamped on the plug.

Supply of replacement fuse covers can be obtained from Hoshizaki Parts/Service Centres.

Fuses should be rated at 10A and approved to BS 1362.

5. DRAIN CONNECTIONS

- * The Hose may be connected to either right or left Joint, whichever is convenient.
- * The Joint must be tilted as shown below to turn the Hose connection downward.
- * Keep more than 5 cm air gap between the vertical drain pipe end and the sink.

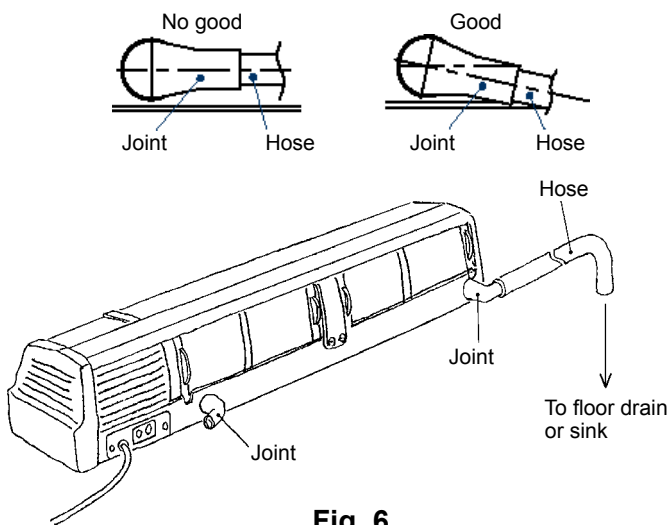


Fig. 6

6. FINAL CHECK LIST

- 1) Is the showcase level?
- 2) Is the showcase in a site where the ambient temperature is within 10°C to 30°C all year around?
- 3) Have all shipping carton, evaporator spacer, tape(s) and packing been removed from the showcase?
- 4) Have all electrical and piping connections been made?
- 5) Has the power supply voltage been tested or checked against the nameplate rating?
- 6) Has the user been given the Instruction Manual and instructed on how to operate the showcase and the importance of periodic maintenance recommended?

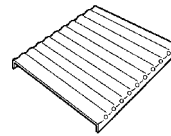
- 7) Has the user been given the name and telephone number of the Authorized Service Agency?

7. START UP

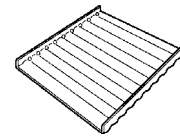
IMPORTANT

1. Be careful not to let water into the machine compartment and over the exterior. This might cause an electric shock hazard.
2. Be sure to prechill the showcase before putting foods in. Store only pre-refrigerated items in the showcase. It takes longer for foods to cool in the showcase than in a refrigerator. After service hours, move foods into a refrigerator.
3. Only open the doors when necessary and do not leave them open as the interior temperature may rise, resulting in food deterioration.
4. Before unplugging the showcase for defrosting, first remove the items inside to protect them from drops of defrost water.
5. It is normal to find condensation on the showcase in humid or rainy weather. Simply wipe it off with a soft cloth from time to time.
6. Control the food temperature by placing the Food Mounts as follows:

Normal condition
When food temp.
is too low

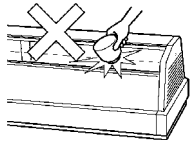


For more intensive
cooling

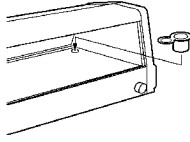


7. The maximum safe height for displaying food products is 9cm above the interior bottom. Food products should not be placed above this height as they may not remain cold enough to avoid spoilage.
8. If the showcase is turned off, wait for at least 3 minutes before restarting the showcase. Otherwise the overload protector may operate and allow defrost water to drip onto the items inside. The overload protector will reset automatically in 30 minutes.

9. To prevent damage to the glass parts, do not place or hit any tableware, bottles or edged tools directly on the glass surfaces. Even a tiny flaw may grow into a crack (a few days) later.



10. To avoid entrance of vermin during operation, the two drain outlets, on the right and left under the food mounts must always have the drain plugs fitted.



- 1) Clean inside the showcase.
- 2) Plug in the showcase, and turn on the Power Switch.

* When not in use, dry the showcase thoroughly and store it in a dry place.

III. MAINTENANCE AND CLEANING INSTRUCTIONS

IMPORTANT

1. Before carrying out any cleaning or maintenance operations, unplug the showcase.
2. Do not disassemble the showcase further than illustrated in Fig. 1.
3. Do not touch or wet the machine compartment parts. This could result in failure or breakdown.

1. INTERIOR/EXTERIOR

- * Clean the interior and Food Mounts every day for sanitary use.
- * Use a soft cloth soaked in warm water to clean off the exterior. Do not use a water jet to clean the exterior.
- * Use only a neutral cleaner. Other chemical agents might cause damage to the interior and exterior surfaces.

Note: To prevent damage to the part surfaces and the plating on the Evaporator, do not use a scourer on the interior/exterior surfaces.

2. DRAIN PIPE CLEANING

- 1) Either mix 1 liter of water with 3.7 ml of 5.25% sodium hypochlorite solution in a suitable container, or the recommended Hoshizaki sanitizer as directed.
- 2) Disconnect the Hose from the Joint.
- 3) Turn up the end of the two Joints .
- 4) Slowly pour the sanitizing solution into the drain water circuit from the Joints.
- 5) Wait for 5 minutes, and turn down the end of the Joints to drain the solution.
- 6) Leave the drain water circuit to dry out.

3. AIR FILTER

A plastic mesh air filter removes dirt or dust from the air, and keeps the Condenser from getting clogged. As the filter gets clogged, the showcase's performance will be reduced. Check the filter at least twice a month. When clogged, use warm water and a neutral cleaner to wash the filter.

- 1) Hold the tabs located at the bottom of the Louver, and lift them up to release the Louver from the body.
- 2) Pull the Louver toward you.
- 3) Pull out the Louver downward.
- 4) Hold the frame of the Air Filter, and pull it out toward you.
- 5) Clean the Air Filter.
- 6) Refit the Air Filter and Louver in the reverse order of the removal procedure.

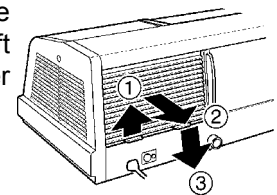


Fig. 7

4. CONDENSER

IMPORTANT

To prevent possible injury, do not touch the Condenser Fins with hands. Use a brush or vacuum cleaner to clean the Condenser.

Check the Condenser once a year, and clean if required by using a brush or vacuum cleaner.

More frequent cleaning may be required depending on the location of the showcase.

5. CHECKING GROUND FAULT INTERRUPTER

Push the test button at least once a month to simulate a ground fault on the load circuit.

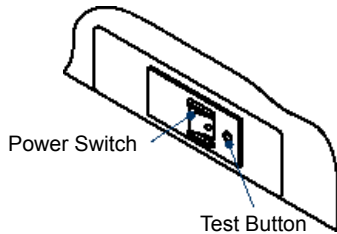


Fig. 8

IV. DISPOSAL

When disposing of the showcase, contact an authorized Hoshizaki service company or a specialized waste disposal company.

V. WARRANTY

Hoshizaki warrants to the original owner/user that all Hoshizaki branded products shall be free of defects in material and/or workmanship for the duration of the “warranty period”. The warranty shall be effective for one year from the date of installation.

Hoshizaki’s liability under the terms of the warranty are limited and shall exclude routine servicing, cleaning, essential maintenance and/or repairs occasioned by misuse and installations not in accordance with Hoshizaki guidelines.

Warranty repairs should be completed by an approved Hoshizaki dealer or service agency using genuine Hoshizaki components.

To obtain full details of your warranty and approved service agency, please contact your dealer/ supplier, or the nearest Hoshizaki Service office in Europe:

This product includes a hermetically sealed refrigeration system that contains fluorinated greenhouse gases covered by the Kyoto Protocol:

HNC-120AE-L/R	R134a / GWP 1300 / 0.15kg
HNC-150AE-L/R	R134a / GWP 1300 / 0.18kg
HNC-180AE-L/R	R134a / GWP 1300 / 0.19kg
HNC-210AE-L/R	R134a / GWP 1300 / 0.21kg

This product is insulated with foam blown with fluorinated greenhouse gases.

РУССКИЙ ПРОЕКТ®
www.rp.ru

125424, г. Москва, Волоколамское шоссе, д. 88, стр. 8
Тел./факс: +74955404600