



CE

---

SHUTTLE ICE DISPENSER  
DISTRIBUTEUR DE GLAÇONS  
SHUTTLEEISDISPENSER  
SHUTTLEIJS DISPENSER  
DISPENSADOR DE HIELO  
DISTRIBUTORE DI GHIACCIO

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

**DSM-12CE**

9124ME20B (110110)

## 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 ice dispenser, 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. INSTALLATION INSTRUCTIONS

### WARNING

1. The installation must be carried out by qualified personnel, in accordance with current regulations, according to the manufacturer's instructions.
2. Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

### 1. UNPACKING

#### WARNING

Children should not be allowed in reach of the packaging elements (plastic bags and expanded polystyrene) as they are potential sources of danger.

#### CAUTION

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

- 1) After removing the packaging, make sure that the ice dispenser is in good condition. If in doubt, please do not use the equipment but apply to professionally qualified personnel.

- 2) Remove shipping tapes holding the package of accessories, and check the contents:

a) Installation Kit	
Inlet Hose	1
Outlet Hose	1
Rc1/2-G3/4 Nipple	1
b) Brace	1
c) Machine Screw	2
d) Tapping Screw	2

- 3) Remove tapes holding the power cord.

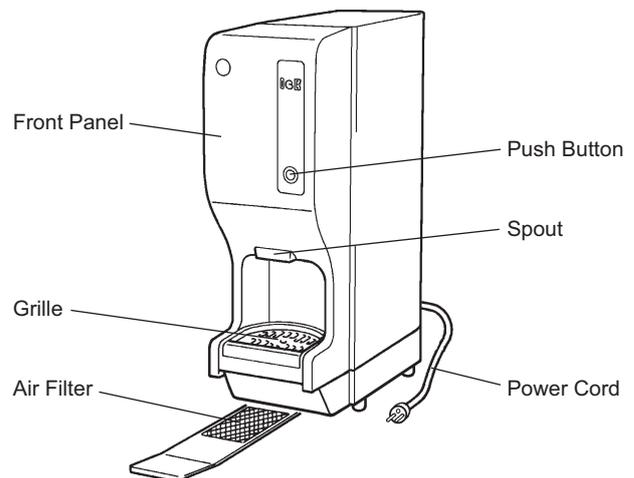


Fig. 1

## 2. LOCATION

### IMPORTANT

1. This ice dispenser is not intended for outdoor use. Normal operating ambient temperature should be within 5°C to 40°C. Normal operating water temperature should be within 5°C to 35°C. Operation of the ice dispenser, for extended periods, outside of these normal temperature ranges may affect production capacity.
2. The ice dispenser should not be located next to ovens, grills or other high heat producing equipment.
3. The location should provide a firm and level foundation for the equipment at normal counter top height.
4. Allow 15 cm clearance at rear and top and 5 cm at sides for proper air circulation and ease of maintenance and/or service should they be required.
5. This appliance is not suitable for installation in an area where a water jet could be used and where dripping is not allowed.

# ENGLISH

6. Do not place anything on top of the ice dispenser to obstruct the ventilation louver.
7. This ice dispenser will not work at subfreezing temperatures. To prevent damage to the water supply line, drain the ice dispenser when air temperature is below zero (see "II. 2. PREPARING THE ICE DISPENSER FOR LONG STORAGE").

## 3. INSTALLATION

- \* Incorrect installation can cause harm to people, animals or things, for which the manufacturer cannot be held responsible.
- \* Secure the ice dispenser to the counter table by using the brace, machine screws and tapping screws (accessory). See Fig. 2.

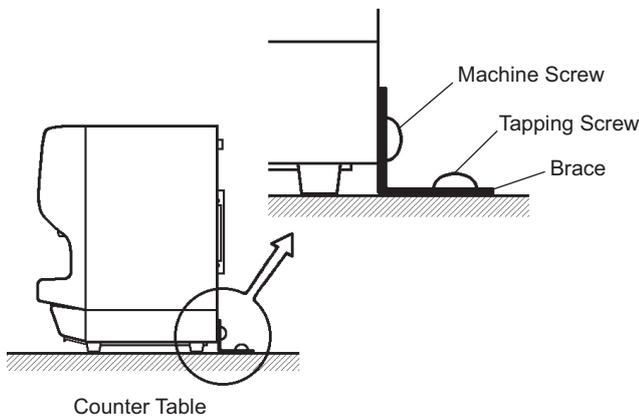


Fig. 2

## 4. ELECTRICAL CONNECTIONS

### WARNING

#### THIS APPLIANCE MUST BE EARTHED

This ice dispenser requires an earth that meets the national and local electrical code requirements. To prevent possible severe electrical shock to individuals or extensive damage to equipment, install a proper earth wire to the ice dispenser. Remove the plug from the mains socket before any maintenance, repairs or cleaning is undertaken.

- \* This appliance requires a separate 220 - 240VAC, 13A supply. The electrical supply must be protected by a suitable circuit breaker.
- \* The main control box fuse is rated at 5A and should only be replaced by a qualified service engineer.

- \* Usually an electrical permit and services of a licensed electrician are required.
- \* 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 terminal which is marked with the letter N or coloured Black. The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Red.

- \* 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 13A and approved to BS 1362.

## 5. WATER SUPPLY AND DRAIN CONNECTIONS

### WARNING

Connect to potable water supply only.

- \* The connections to the mains water supply must be made in accordance with the countries' current requirements of the Water Supply or Water Fittings Regulations.
- \* Water supply pressure should be minimum 0.05 MPa (0.5 bar) and maximum 0.78 MPa (8 bar). If the pressure exceeds 0.78 MPa (8 bar), use a proper pressure reducing valve. Do **NOT** throttle back the supply tap.
- \* A plumbing permit and services of a licensed plumber may be required in some areas.
- \* The ice dispenser drain is gravity flow, so ensure the outlet hose has an adequate pitch or fall.
- \* Water should drain into an open trap.
- \* Be sure to use the new hose-sets supplied with the appliance. Do not reuse any old hose-sets.

1) Attach angled end of white inlet hose (accessory) to the G3/4 fitting on the rear of the ice dispenser as indicated ensuring rubber sealing washer is correctly positioned. Hand tighten sufficiently to provide leak free joint.

2) Attach the other end of inlet hose to the water tap, noting washer is correctly positioned before hand tightening as above.

3) By means of a suitable spanner or wrench, tighten the Rc1/2-G3/4 nipple (accessory) into the R1/2 fitting on the rear of the ice dispenser as indicated. P.T.F.E. tape and/or a suitable sealing compound should be used to obtain a leak free joint.

Note: Jointing compounds should be approved and suitable for potable water use.

4) Attach grey flexible outlet hose (accessory) to free end of Rc1/2-G3/4 nipple as indicated, confirming fitment of rubber washer before finally hand tightening the joint. This hose can be cut to length as necessary to suit position of main drain.

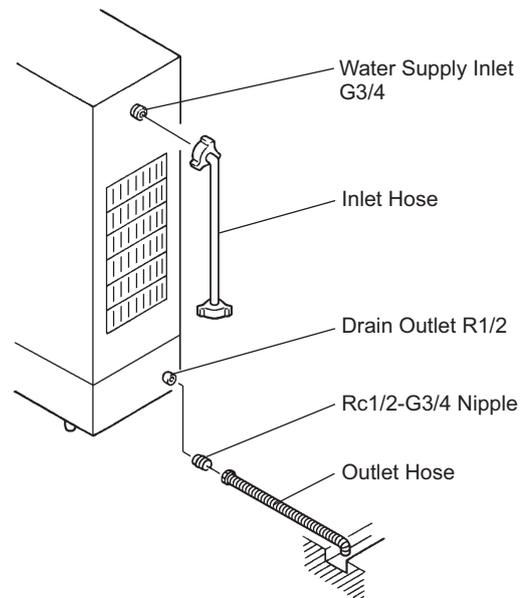


Fig. 3

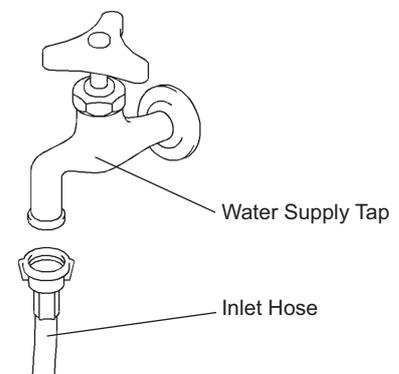


Fig. 4

## II. OPERATING INSTRUCTIONS

### WARNING

1. This ice dispenser is designed to produce and store edible ice. To keep the ice dispenser hygienic:
  - \* Keep the grille clean. Clean it by using a neutral cleaner and rinse thoroughly.
2. The use of any electrical equipment involves the observance of some fundamental rules. In particular:
  - \* Instances of high humidity and moisture increase the risk of electrical short circuits and potential electrical shocks. If in doubt, disconnect the ice dispenser.
  - \* Do not pull the power cord in order to disconnect the ice dispenser from the feed network.
  - \* This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities,

# ENGLISH

or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

\* Young children should be supervised to ensure that they do not play with the appliance.

3. All parts are factory-adjusted. Improper adjustments may result in failure.

4. If the unit is turned off, wait for at least 3 minutes before restarting the ice dispenser to prevent damage to the compressor.

3. This appliance must not be cleaned by use of a water jet.

4. To prevent possible damage, do not clean the plastic parts with water above 40°C or in a dishwasher.

## 1. START UP

- 1) Open the water tap.
- 2) Plug in the ice dispenser to start the automatic and continuous icemaking process.
- 3) Press the push button and check for proper ice dispensing action after 30 - 60 minutes.

## 2. PREPARING THE ICE DISPENSER FOR LONG STORAGE

- 1) Dispense all ice from the storage bin.
- 2) Close the water tap. Remove the inlet hose from the water tap, and drain the hose.
- 3) Unplug the machine from power socket.
- 4) Replace plug in the power socket and after 30 seconds unplug it again. This will automatically drain the water inside the machine.

## III. MAINTENANCE

### 1. CLEANING

#### WARNING

1. Before carrying out any cleaning or maintenance operations, unplug the ice dispenser from the electrical supply network.
2. Ask a trained service person to clean and sanitize the ice dispenser water system at least twice a year and to check and clean the condenser at least once a year.

### [1] Exterior and Grille

Wipe the exterior and grille at least once per week with a clean, soft cloth. Use a damp cloth containing a neutral cleaner to wipe off grease or dirt.

### [2] Air Filter

Plastic mesh air filters remove dirt or dust from the air, and keep the condenser from getting clogged. If the filters get clogged, the ice dispenser's performance will be reduced.

Remove and clean the air filter at least twice per month by using a vacuum cleaner. When severely clogged, use warm water and a neutral cleaner to wash the air filter. Rinse and dry the air filter thoroughly, and place it in position.

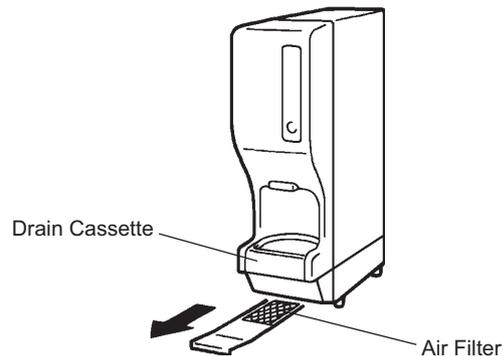


Fig. 5

### [3] Drain Cassette

At least once a day, pull out the drain cassette and clean it with warm water and a neutral cleaner.

## 2. BEFORE CALLING A SERVICE AGENT

#### WARNING

Do not damage the refrigerant circuit.

If the ice dispenser does not work properly or does not work at all, before calling for service, check that:

- \* The power is supplied to the unit.
- \* The water is turned on.
- \* The air filter is clean.

Other countries - Hoshizaki Europe  
TEL: +31 (0)20 6918499 or +44 (0)845 456 0585  
FAX: +31 (0)20 6918768 or +44 (0)1462 499080

For further assistance or advice, contact your local Hoshizaki service agent.

### 3. 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 two years 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:

U.K./Ireland - Hoshizaki UK  
TEL: +44 (0)845 456 0585  
FAX: +44 (0)1462 499080

Holland - Hoshizaki Europe  
TEL: +31 (0)20 6918499  
FAX: +31 (0)20 6918768

Belgium/Luxemburg - Hoshizaki Belgium  
TEL: +32 (0)2 7123030  
FAX: +32 (0)2 7123031

Germany/Switzerland/Austria - Hoshizaki  
Deutschland  
TEL: +49 (0)2154 92810  
FAX: +49 (0)2154 928128

France - Hoshizaki France  
TEL: +33 (0)1 48639380  
FAX: +33 (0)1 48639388

Spain/Portugal - Hoshizaki Iberia  
TEL: +34 (0)93 4780952  
FAX: +34 (0)93 4780900

**This product includes a hermetically sealed refrigeration system that contains fluorinated greenhouse gases covered by the Kyoto Protocol:**  
**DSM-12CE                      R134a / GWP 1430 / 0.065kg**

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

## EC DECLARATION OF CONFORMITY

Manufacturer: Hoshizaki Electric Co., Ltd.  
3-16 Minamiyakata, Sakae, Toyoake-shi,  
Aichi 470-1194 Japan

We hereby declare that the machine(s) listed below and manufactured by us meet the essential health and safety requirements demanded by the following EC regulations:

EC Regulations: EMC Directive (2004/108/EC)  
Low Voltage Directive (2006/95/EC)

Harmonised European Standards applied: EN 55014-1 (EMC)  
EN 55014-2 (EMC)  
EN 61000-3-2 (EMC)  
EN 61000-3-3 (EMC)  
EN 61000-4-2 (EMC)  
EN 61000-4-3 (EMC)  
EN 61000-4-4 (EMC)  
EN 61000-4-5 (EMC)  
EN 61000-4-6 (EMC)  
EN 61000-4-11 (EMC)  
EN 60335-1 (LVD)  
EN 60335-2-24 (LVD)  
EN 62233 (EMF)

CE Marking first affixed: 1997

Product Description: Hoshizaki Ice Maker

Model(s): DSM-12CE

Authorised Representative: Hoshizaki Europe B.V.  
Keienbergweg 50 C/D, 1101 GC Amsterdam,  
The Netherlands

Name: Akira Kamiya

Position: Managing Director

This declaration will no longer be valid if any alterations are made to the machine(s) without our approval.