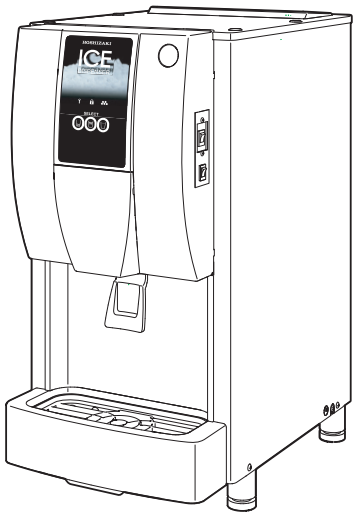
CUBELET ICE DISPENSER

DCM-60KE
DCM-60KE-P
DCM-120KE
DCM-120KE-P

INSTRUCTION MANUAL



DCM-60KE

HOSHIZAKI EUROPE LIMITED
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L1L009112 (070116)

IMPORTANT SAFETY INFORMATION

Throughout this manual, notices appear to bring your attention to situations which could result in death, serious injury, or damage to the unit.

⚠WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE	Indicates a hazardous situation which, if not avoided, could result in damage to the unit.
⚠HYGIENE	Indicates important precautions for hygiene and food safety.
IMPORTANT	Indicates important information about the use and care of the unit.

IMPORTANT
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.

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

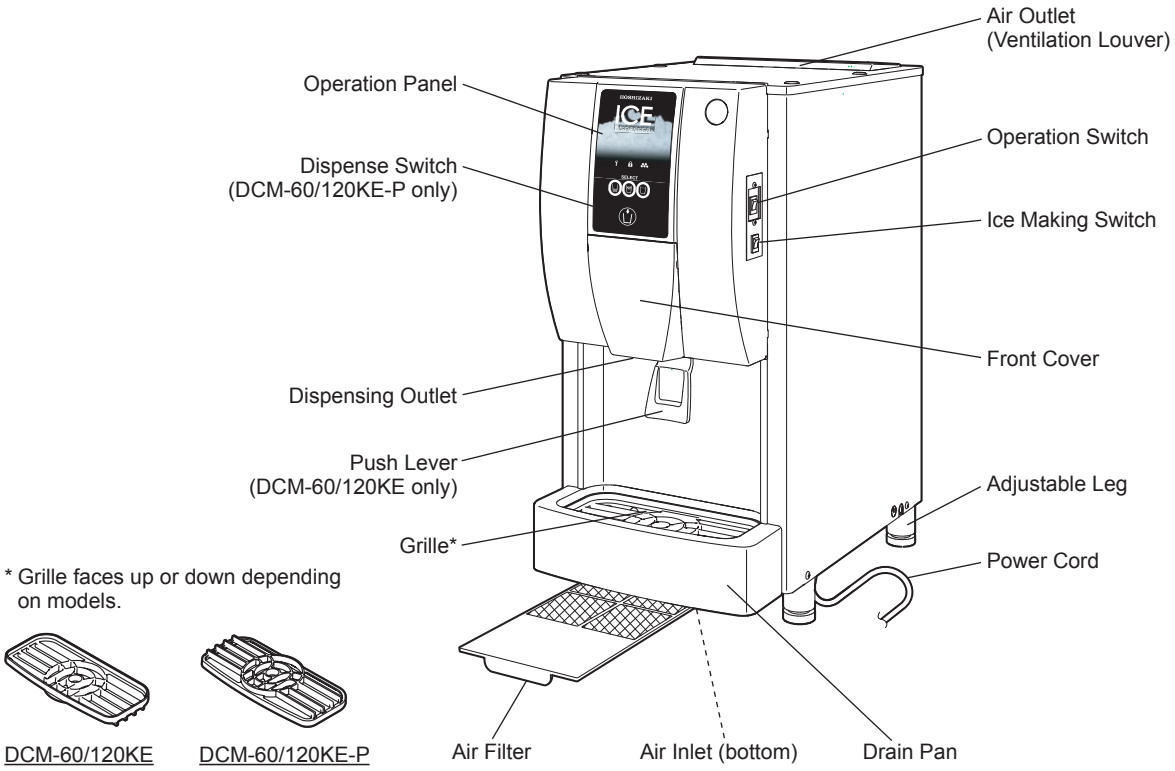
ENGLISH

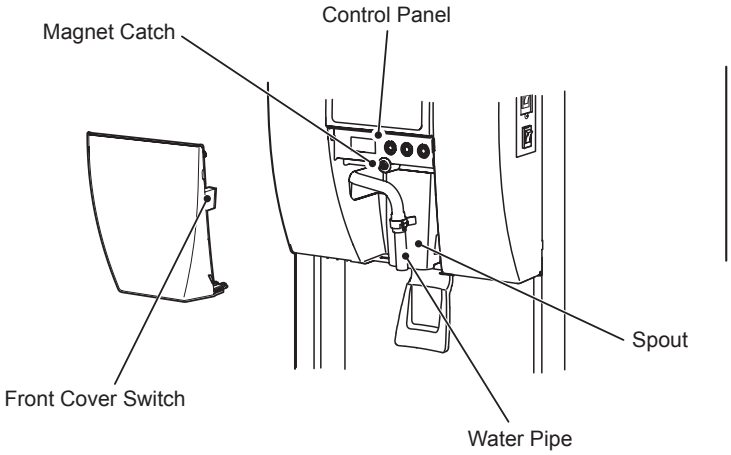
The use of any electrical appliance involves the observance of some fundamental rules. In particular:

* 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 damage the power cord or pull it in order to disconnect the ice dispenser from the electrical supply network.
* If the supply cord and/or the plug should need to be replaced, it should only be done by a qualified service engineer.
* Do not touch the electrical parts or operate the switches with damp hands.
* This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, it can however be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge providing they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
* Children shall not play with the appliance.
* Cleaning and user maintenance shall not be made by children without supervision.
* Do not attempt to modify the ice dispenser. Only qualified personnel may disassemble or repair the appliance.

I. INSTALLATION INSTRUCTIONS

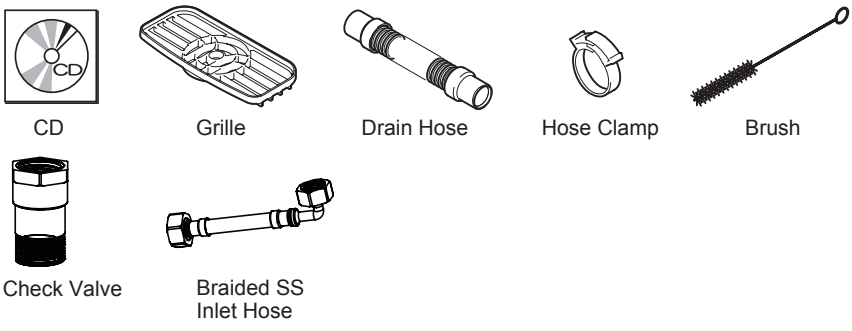
1. CONSTRUCTION





2. ACCESSORIES

CD	1
Grille	1
Drain Hose	1
Hose Clamp	1
Brush	1
Dual Check Valve	1
Braided SS Inlet Hose	1



3. 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
Do not lift or manoeuvre the carton by using the shipping bands.
When moving the unit by hand, hold the unit bottom.
Do not hold the filter to lift up the unit. The condenser fins inside may cause injury.
Always wear protective gloves when carrying the unit.
When handling the carton or the unpacked unit, work in pair to prevent injury.

NOTICE
Remove shipping carton, tape(s) and packing. If packing material is left in the ice dispenser, it will not work properly.
To prevent damage, do not tilt the ice dispenser more than 45°.

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

2) Remove the protective plastic film from the exterior. If the ice dispenser is exposed to the sun or to heat, remove the film after the ice dispenser cools.

3) Remove the package of accessories. Check the contents according to “2. ACCESSORIES”.

4. LOCATION

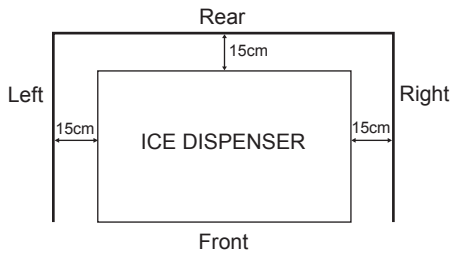
⚠WARNING
This ice dispenser is not intended for outdoor use.
The ice dispenser should not be located next to ovens, grills or other high heat producing equipment.
This appliance is not suitable for installation in an area where a water jet could be used.

⚠CAUTION
The location should provide a firm and level foundation for the ice dispenser.

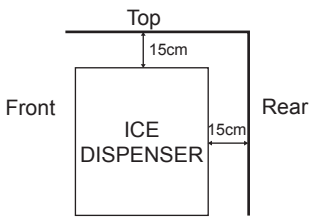
NOTICE
Do not place anything on top of the ice dispenser to obstruct the ventilation louver.

IMPORTANT
Normal operating ambient temperature should be within 5°C to 40°C. Water connection is cold water only. Operation of the ice dispenser, for extended periods, outside of these normal temperature ranges may affect production capacity.
Allow the clearance specified below for proper air circulation and ease of maintenance and/or service should they be required.
In some high humidity environments, condensation may form inside the machine and drip onto the floor. Do not install where the floor can be affected by water.

Top View



Side View

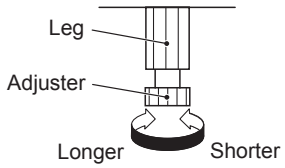


5. INSTALLATION

⚠CAUTION
Incorrect installation can cause harm to people, animals or other items, for which the manufacturer cannot be held responsible.
Keep the adjustable leg height within 0 to 15 mm to prevent reduction in leg strength or injury caused by a falling adjuster.

* Place the ice dispenser on a firm level surface at counter top height.

* Turn the leg adjusters to level the unit in both the left-to-right and front-to-rear directions (tilt limit: within 1 cm).



6. ELECTRICAL CONNECTIONS

⚠WARNING
THIS APPLIANCE MUST BE EARTHED To prevent possible severe electrical shock to individuals or extensive damage to the unit, the icemaker must be connected via the flexible supply cord supplied with the icemaker to an appropriate outlet socket installed in accordance with local codes and regulations i.e. AS / NZS 3000.
Disconnect the main power supply before any maintenance, repairs or cleaning is undertaken.

* It is recommended that these appliances are connected to a separate 240VAC supply, protected by an appropriate circuit breaker and Residual Current Device. Check the nameplate on the icemaker for the supply requirements.

* The main control box fuse is rated at 5A and should only be replaced by a qualified service engineer.

* The service of a licensed electrician may be required to ensure the installation is in accordance with the local codes and regulations.

* The wires in the mains lead are coloured in accordance with the following code:
  Green & Yellow = Earth
  Blue = Neutral
  Brown = Live

7. WATER SUPPLY AND DRAIN CONNECTIONS

⚠WARNING
Connect to potable cold water supply only.

* The service of a licensed plumber may be required to ensure the installation is in accordance with the local codes and regulations.

[Connection to the water supply]

* The connections to the mains water supply must be made in accordance with the Plumbing Code of Australia and in accordance with AS / NZS 3500.1 and AS / NZS 3500.2. The dual check valve (backflow prevention) supplied with this unit must be connected between the main supply outlet and water inlet of icemaker.

* To avoid performance reduction or malfunction caused by scaling, the water supply should have a hardness of not more than 50 mg/L and a silica content of not more than 30 mg/L. Otherwise, installation of a proper water treatment device will be required.

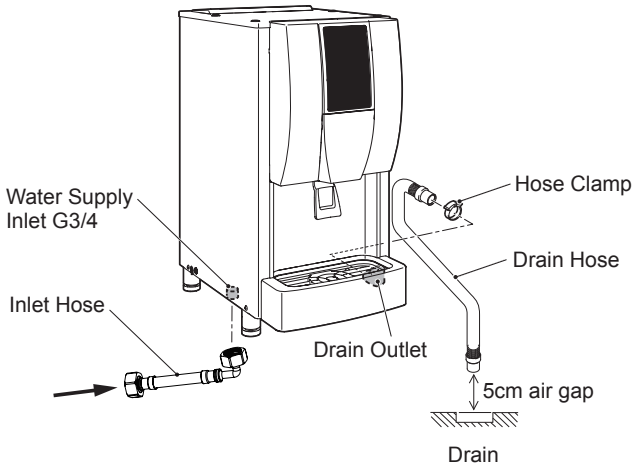
* Water supply pressure should be minimum 0.05 MPa (0.5 bar) and maximum 0.78 MPa (8 bar). If the pressure exceeds 0.78 MPa (8 bar), use a proper pressure reducing valve. Do NOT throttle back the supply tap.

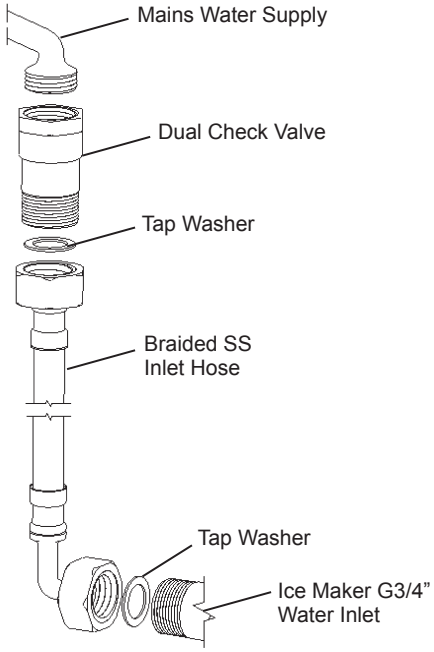
* The dual check valve must be connected in the icemaker water supply between the main water supply outlet and the straight connection of the braided stainless steel inlet hose as shown.

* Attach the angle end of braided stainless steel inlet hose to the G3/4 fitting at the bottom of the ice dispenser as indicated. It is a wise precaution to have a stop valve within easy reach.

* Be sure to use the new inlet hose-sets supplied with the appliance. Do not reuse any other inlet hose-set.

* Ensure rubber tap washers are correctly positioned. Hand tighten the dual check valve and inlet hose sufficiently to provide a leak free joint.



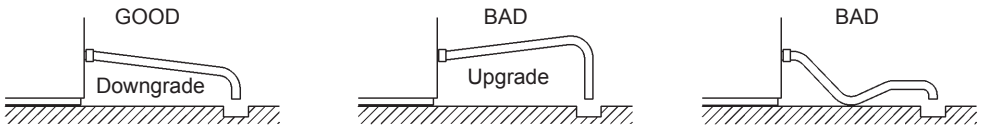


[Connection to the drain]

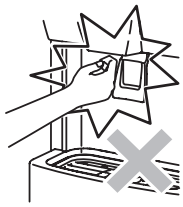
* Attach the grey flexible drain hose (accessory) to the fitting at the bottom of the drain pan. Use the hose clamp (accessory) to obtain a leak free joint.

* Drain lines should not be installed directly to the sewer system. A vertical air gap of a minimum of 5 cm should be between the end of the drain hoses from the ice dispenser and the floor drain.

* The ice dispenser drain is gravity flow, ensure drain hose has an adequate pitch or fall.



II. OPERATING INSTRUCTIONS

⚠CAUTION
Do not put your hands into the dispensing outlet. The icemaking mechanism may suddenly move, resulting in injury. 

NOTICE
All parts are factory-adjusted. Improper adjustments may result in failure.
If the unit is turned off, wait for at least 3 minutes before restarting the ice dispenser to prevent damage to the compressor.
Periods of 5 to 6 hours without dispensing ice could result in wet ice or an ice bridge forming in the storage bin. Always turn off the ice making switch, and remove ice from the storage bin within 2 hours. Soggy and sticky ice should be removed continuously as produced.
This ice dispenser is programmed to suspend ice dispensing action when the push lever/dispense switch is continuously pressed for more than 2 minutes. Also, pressing and releasing the push lever/dispense switch repeatedly for extended periods may cause the protector to stop the ice dispenser.

⚠HYGIENE

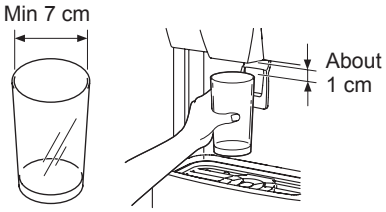
This ice dispenser is designed to produce edible ice. To keep the ice dispenser hygienic, follow the instructions in “III. 1. CLEANING”.

IMPORTANT

To prevent ice and/or water from scattering or splashing:

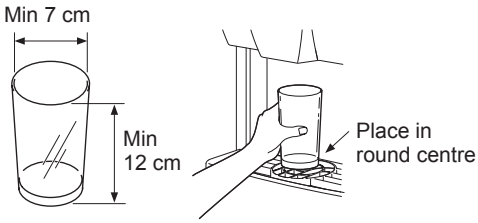
[DCM-60/120KE]

* Use a container with more than a 7 cm opening.
* Place the container about 1 cm below the dispensing outlet when pressing the push lever to dispense ice and/or water.



[DCM-60/120KE-P]

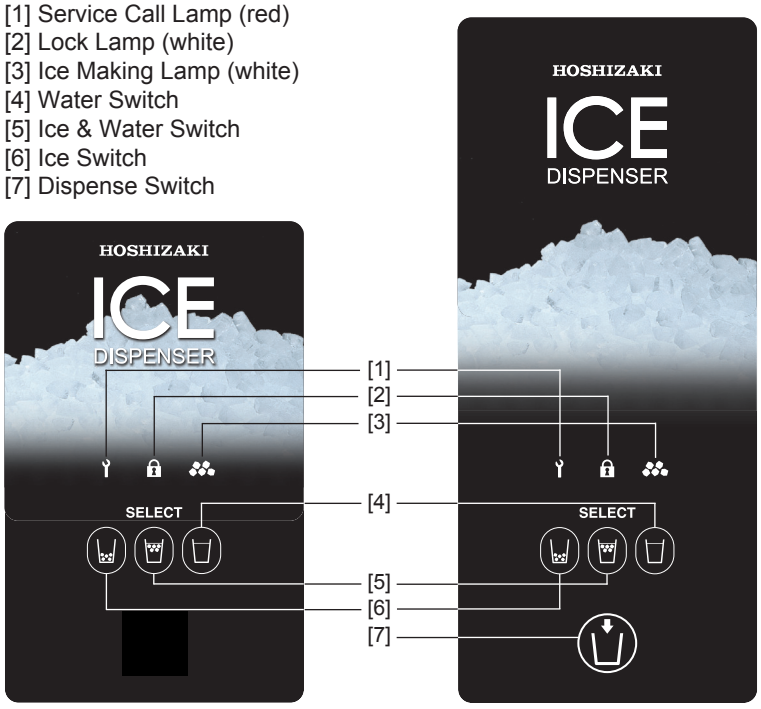
* Use a container with more than a 7 cm opening and more than a 12 cm height.
* Place the container in the round centre of the grille when pressing the dispense switch to dispense ice and/or water.



Clean out the storage bin once a day, or stored ice may melt and refreeze, causing mechanical problems. For efficient use of ice, turn off the ice making switch before shutting down the ice dispenser. Ice remains available until the storage bin becomes empty, and water is always available.

Operation Panel

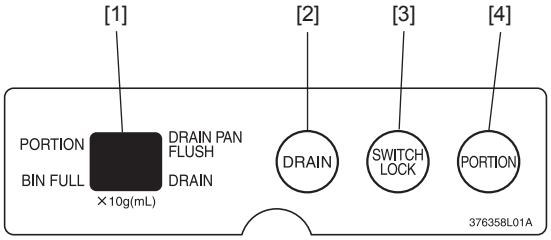
[1] Service Call Lamp (red)
[2] Lock Lamp (white)
[3] Ice Making Lamp (white)
[4] Water Switch
[5] Ice & Water Switch
[6] Ice Switch
[7] Dispense Switch



[DCM-60/120KE] [DCM-60/120KE-P]

Control Panel

[1] Display
PORTION: Lights up when portion control is activated
BIN FULL: Lights up when storage bin is full
DRAIN PAN FLUSH: Lights up when automatic drain pan flush is activated
DRAIN: Lights up during drain cycle
Indicates error code “E” in case of error
[2] Drain Switch
[3] Lock Switch
[4] Portion Control Switch



1. START UP

1) Plug in the ice dispenser.

2) Open the water supply tap.

3) Move the operation switch, located on the right side of the ice dispenser, to the “ON” position. The display on the control panel shows the current operating status.

4) Move the ice making switch, located on the right side of the ice dispenser, to the “ON” position. The ice making lamp on the operation panel lights up, and the ice dispenser starts the automatic ice making process in 5 minutes.

5) Check the water supply and drain connections for water leaks.

6) After 10 minutes, push the ice switch on the operation panel.

7) Press the push lever/dispense switch, and check for proper ice dispensing action.

8) The ice dispenser stops the ice making process automatically in 1 hour or so when the storage bin is filled with ice, and restarts when ice is used.

Note: Soggy and sticky ice may be produced depending on water conditions.

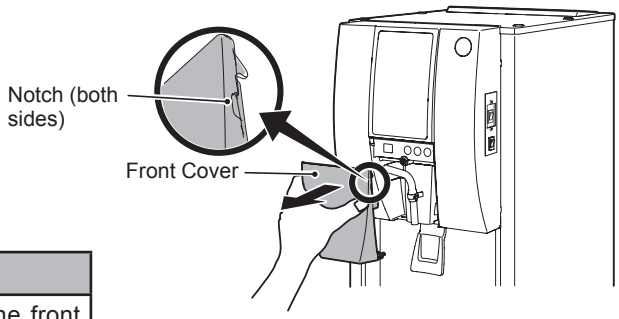
2. DISPENSING ICE

1) Select your dispensing choice by pushing ice switch, ice & water switch, or water switch on the operation panel (factory adjusted to ice & water). The selected switch lights up.

2) Position a container, and dispense a desired amount of ice and/or water.
[DCM-60/120KE]
Ice and/or water keeps being dispensed while the push lever is pressed.
[DCM-60/120KE-P]
Ice and/or water keeps being dispensed while the dispense switch is held down, or a preset amount is dispensed when the dispense switch is pressed once (portion control).

3. FRONT COVER

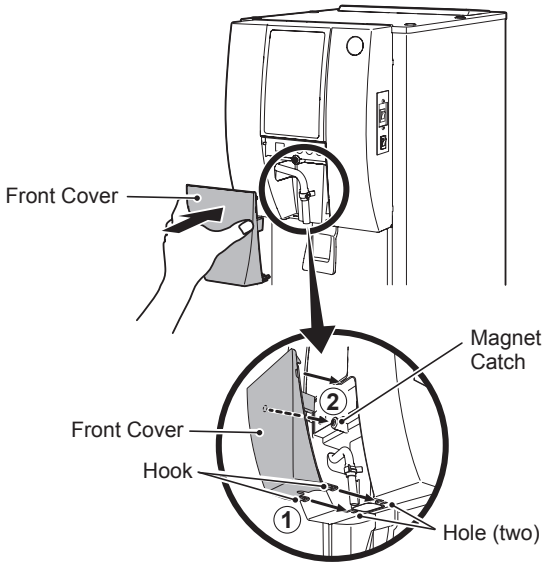
The front cover is equipped with a safety device. When the front cover is removed, the ice switch, ice & water switch, and water switch flash and no dispensing action is available.
After accessing the control panel for adjustments, replace the front cover in its correct position.



NOTICE
To prevent damage to the magnet provided inside, do not drop the front cover from a height.

1) To remove, hold the notches on both sides of the front cover, and pull it toward you.

2) To replace, hold both sides of the front cover, insert the hooks into the holes, and securely attach it to the magnet catch.



4. PORTION CONTROL

Pushing the portion control switch on the control panel activates the preset portion control for ice and/or water dispensing. The portion control is deactivated in the default setting.

The amount of ice dispensed in the portion control depends on water quality and storage bin level. The amount of water dispensed in the portion control depends on water pressure.

Model	Default Setting	Adjustable Range
DCM-60KE DCM-120KE	Ice: 40g Water: Not adjustable	Ice: 20 - 990g (in 10g steps) Water: Not adjustable
DCM-60KE-P DCM-120KE-P	Ice: 40g Water: 120mL	Ice: 20 - 990g (in 10g steps) Water: 20 - 990mL (in 10mL steps)

[a] Activating portion control

1) Remove the front cover.

2) Press the portion control switch on the control panel. The display illuminates “PORTION”.

3) To deactivate the portion control, press the portion control switch again. The display goes off.

4) Replace the front cover in its correct position.

[b] Adjusting portion control

1) Remove the front cover.

2) Press and hold the portion control switch on the control panel for 3 seconds. The display shows the current portion control setting for ice dispensing.

3) Press the flashing ice (-) switch or water (+) switch on the operation panel to adjust the amount of ice. The value in the display decreases or increases by “1” every time the switch is pressed (e.g. “06” = 60g).

[DCM-60/120KE]

4) Press the portion control switch on the control panel. The display illuminates “PORTION”.

5) Replace the front cover in its correct position.

[DCM-60/120KE-P]

4) Press the portion control switch on the control panel. The display goes off and illuminates the setting again when it is stored. Then, the display shows the current portion control setting for water dispensing.

5) Press the flashing ice (-) switch or water (+) switch on the operation panel to adjust the amount of water. The value in the display decreases or increases by “1” every time the switch is pressed (e.g. “15” = 150mL).

6) Press the portion control switch on the control panel. The display goes off and illuminates the setting again when it is stored. Then, the display illuminates “PORTION”.

7) Replace the front cover in its correct position.

5. SWITCH LOCK FUNCTION

Pushing the lock switch on the control panel locks the ice switch, ice & water switch, and water switch operations. The switch lock function is deactivated in the default setting.

1) Remove the front cover.

2) Select your dispensing choice by pushing ice switch, ice & water switch, or water switch on the operation panel. The selected switch flashes. Press the lock switch on the control panel. The lock lamp on the operation panel lights up.

3) To deactivate the switch lock function, press the lock switch again. The lock lamp goes off.

4) Replace the front cover in its correct position.

6. AUTOMATIC DRAIN PAN FLUSH

The automatic drain pan (and drain circuit) flush is available just after the operation switch is turned on and at the predetermined time intervals. The automatic drain pan flush is deactivated in the default setting.

The time interval for the automatic drain pan flush is adjustable as follows:

Default Setting	Adjustable Range
Every 6 hours	Every 1 - 24 hours (in 1 hour steps)

1) Remove the front cover.

2) Press and hold the drain switch on the control panel for 3 seconds. The display shows the current time interval.

3) Press the flashing ice (-) switch or water (+) switch on the operation panel to adjust the time interval. The value in the display decreases or increases by “1” every time the switch is pressed (e.g. “08” = every 8 hours).

4) Press the drain switch on the control panel. The display illuminates “DRAIN PAN FLUSH”.

5) To deactivate the automatic drain pan flush, press and hold the drain switch again for 3 seconds. The display goes off.

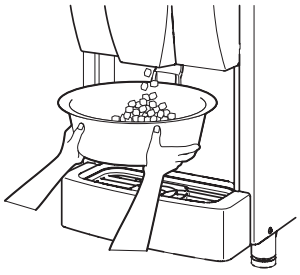
6) Replace the front cover in its correct position.

7. SHUT DOWN

This ice dispenser must be shut down and drained every day at the end of service hours.

1) Move the ice making switch, located on the right side of the ice dispenser, to the “OFF” position.

[DCM-60/120KE]



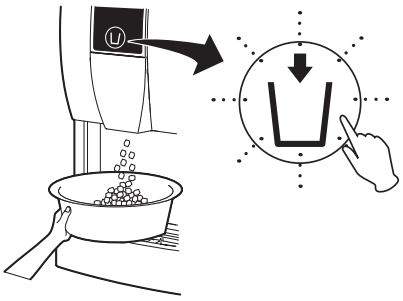
2) Check that the lock lamp on the operation panel is off. If it is on, press the lock switch on the control panel to deactivate the switch lock function.

3) Press the ice switch on the operation panel. The ice switch lights up.

4) Place a large container right under the dispensing outlet, and keep pressing the push lever until no more ice is dispensed.

5) Remove the front cover.

[DCM-60/120KE-P]



2) Press and hold the ice switch, ice & water switch, and water switch at the same time for 3 seconds. The dispense switch flashes, and the continuous dispensing becomes available.

   Note: To deactivate the continuous dispensing, move the ice making switch to the “ON” position or remove the front cover.

3) Place a large container right under the dispensing outlet, and press the dispense switch once. The ice dispenser keeps dispensing ice for 2 minutes.

   Note: To stop dispensing ice within 2 minutes, press the dispense switch again.

4) Press the dispense switch again to check no more ice is dispensed.

5) Remove the front cover. The dispense switch stops flashing, and the continuous dispensing is deactivated.

[All models]

6) Press the drain switch on the control panel. The display illuminates “DRAIN” during the 1 minute drain cycle.

7) After 1 minute, check that the display is off.

8) Replace the front cover in its correct position.

9) Move the operation switch, located on the right side of the ice dispenser, to the “OFF” position.

10) Unplug the ice dispenser.

11) Close the water supply tap.

NOTICE
When restarting the ice dispenser, make sure that more than 3 hours have passed since the drain switch was pressed, then follow the instructions in “1. START UP”.

8. PREPARING THE ICE DISPENSER FOR LONG STORAGE

NOTICE
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.

⚠HYGIENE
When shutting down the ice dispenser for two or more days, drain the ice dispenser to prevent contamination in the water circuit.

1) Follow the instructions in “7. SHUT DOWN”.

2) Remove the inlet hose from the water supply tap, and drain the hose.

3) Ask for draining of the ice dispenser by professional qualified personnel.

III. MAINTENANCE

1. CLEANING

⚠WARNING
Before carrying out any cleaning or maintenance operations, unplug the ice dispenser from the electrical supply network.
This appliance must not be cleaned by use of a water jet.

⚠CAUTION
When using a neutral cleaner or sodium hypochlorite, thoroughly read and understand the instructions provided to prevent potential health problems.

NOTICE
Ask a trained service person to clean and sanitise the ice dispenser water system at least twice a year and to check and clean the condenser at least once a year.
To prevent possible damage, do not clean the plastic parts with water above 40°C or in a dishwasher.

[a] Exterior

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

[b] Front Panel, Spout, Push Lever, Ice Dispensing Outlet Cleaning/Sanitisation (Daily)

1) Remove the front cover by holding the notches on both sides and pulling it toward you. See “II. 3. FRONT COVER”.

2) Loosen the band to disconnect the water pipe (A).

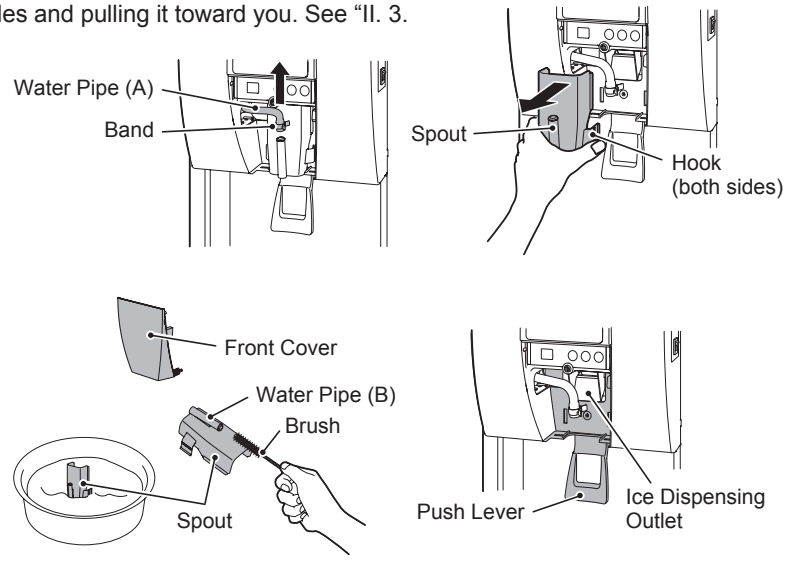
3) Hold the hooks on both sides of the spout, and pull it toward you.

4) Either mix 1 litre of water with 4 ml of 5.25% sodium hypochlorite solution in a suitable container, or the recommended Hoshizaki sanitiser as directed.

5) Soak a clean cloth with the solution, and wipe the front cover.

6) Soak the spout in the solution for more than 3 minutes. Use the accessory brush to clean the water pipe (B). Rinse thoroughly, and shake to remove surplus liquid.

   Note: Using a cloth to dry may re-contaminate.



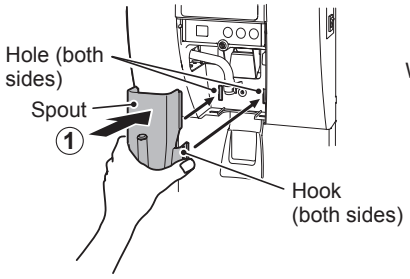
7) Soak a clean cloth with the solution, and wipe the parts around the ice dispensing outlet and the push lever.

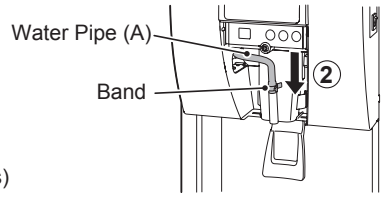
8) Replace the spout by holding the hooks on both sides and inserting them into the holes.

9) Use the band to reconnect the water pipe (A) to the spout.

10) Replace the front cover by holding both sides, inserting the hooks into the holes, and securely attaching it to the magnet catch. See “II. 3. FRONT COVER”.

11) The remaining solution can be used to sanitise utensils.





Note: Do not wipe dry or rinse after sanitising, but allow to air dry.

[c] Grille, Drain Pan Cleaning/Sanitisation (Daily)

1) Either mix 1 litre of water with 4 ml of 5.25% sodium hypochlorite solution in a suitable container, or the recommended Hoshizaki sanitiser as directed.

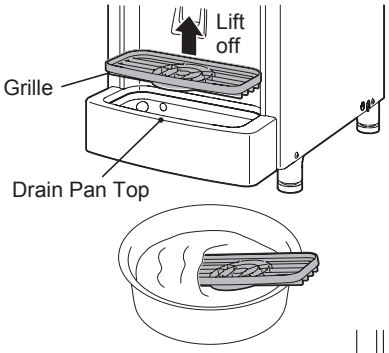
2) Lift the grille off the drain pan.

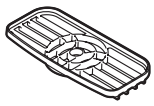
3) Soak the grille in the solution for more than 3 minutes. Rinse thoroughly, and shake to remove surplus liquid.

   Note: Using a cloth to dry may re-contaminate.

4) Use the accessory brush to clean the three drain holes in the drain pan.

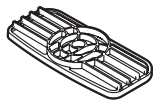
5) Place the grille in its correct position and direction.





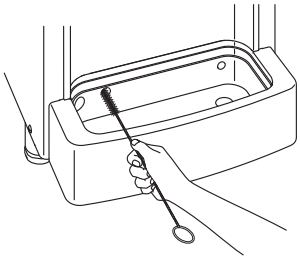
DCM-60/120KE

Grille must be lower than the top of drain pan.



DCM-60/120KE-P

Grille must be level with the top of drain pan.



[d] Air Filter

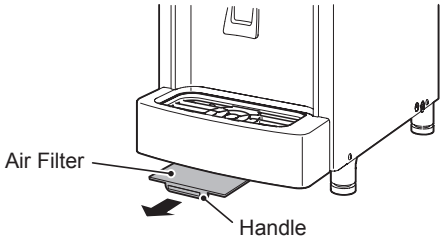
⚠CAUTION
To prevent injury, be careful not to touch the condenser fins when removing the air filter.

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(s) at least twice per month:

1) Pull out the air filter from the bottom of the drain pan.

2) Clean the air filter by using a vacuum cleaner. When severely clogged, use warm water and a neutral cleaner to wash the air filter.

3) Rinse and dry the air filter thoroughly.



NOTICE
After cleaning, be sure to place the air filter back in position with the handle facing down.

2. INSPECTION AND MAINTENANCE

NOTICE
To achieve optimum ice dispenser performance, the following parts need periodic inspection and maintenance: Extruding head (upper bearing) Housing (lower bearing) Mechanical seal

These parts should be inspected after two years from installation or 10,000 hours of operation, whichever comes first, and once a year afterwards. Replacement of these parts is required if wear exceeds factory recommendations.

Their service life, however, depends on water quality and environment. More frequent inspection and maintenance are recommended in bad or severe water conditions.

Consult with your local Hoshizaki service agent about inspection and maintenance service.

3. BEFORE CALLING FOR SERVICE

⚠WARNING
Do not damage the refrigerant circuit.

[a] Error Code Indication

If the error code “E” is indicated on the display, before calling for service, check the following.

Code	Remedy
E0	Possibility of water leaks. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
E1	Low ice production. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
E2	Water supply circuit failure. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
E3	Gear motor failure. Turn OFF operation switch, and turn it ON again after 10 minutes. If error code appears again, call for service.
E4	Abnormal high side pressure. Clean air filter. Check that ice dispenser is properly installed. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
E5	Electric circuit failure. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
Eb	Electric circuit failure. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
Ed	Operation board communication error. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
EE	Gear motor failure. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
EF	Supply voltage is too low. Check that voltage is in required range and ice dispenser is not sharing a single receptacle with other appliances. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
EL	Bin control switch failure. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
EP	Model setting number error. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.
EU	Controller board failure. Turn OFF operation switch, and turn it ON again. If error code appears again, call for service.

[b] No Error Code Indication

If the ice dispenser does not work properly or does not work at all with the ice making lamp on the operation panel flashing and no error code is indicated on the display, before calling for service, check that:

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

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

4. DISPOSAL

Comply with local regulations regarding disposal of this appliance and its refrigerant gas.

Correct disposal of this product:
This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

5. 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:

Hoshizaki Lancer
TEL: +61 8 8268 1388
FAX: +61 8 8268 1978

SPECIFICATIONS

Model	DCM-60KE	DCM-60KE-P
Type	Air-cooled, cubelet ice, push lever type	Air-cooled, cubelet ice, dispense switch type
Power Supply	1 phase 220-240 50Hz / 220-230V 60Hz	1 phase 220-240 50Hz / 220-230V 60Hz
Electric Consumption	280/320W (ambient 32°C, water 21°C)	280/320W (ambient 32°C, water 21°C)
Ice Production per 24h	60kg (ambient 10°C, water 10°C)	60kg (ambient 10°C, water 10°C)
Dimensions	350mm(W) x 585mm(D) x 695(-710)mm(H)	350mm(W) x 585mm(D) x 695(-710)mm(H)
Refrigerant	R134a, 0.21kg (GWP: 1430, CO2: 0.300t)	R134a, 0.21kg (GWP: 1430, CO2: 0.300t)
Insulation Foam Blowing Agent	HFC-245fa, 365mfc	HFC-245fa, 365mfc
Weight	Net: 47kg (Gross: 56kg)	Net: 47kg (Gross: 56kg)
Ambient Temp	5 - 40°C	5 - 40°C
Water Supply Temp	5 - 35°C	5 - 35°C
Water Supply Pressure	0.05 - 0.78 MPa (0.5 - 8 bar)	0.05 - 0.78 MPa (0.5 - 8 bar)
Voltage Range	Rated voltage ± 6%	Rated voltage ± 6%

Model	DCM-120KE	DCM-120KE-P
Type	Air-cooled, cubelet ice, push lever type	Air-cooled, cubelet ice, dispense switch type
Power Supply	1 phase 220-240 50Hz / 220-230V 60Hz	1 phase 220-240 50Hz / 220-230V 60Hz
Electric Consumption	480/560W (ambient 32°C, water 21°C)	480/560W (ambient 32°C, water 21°C)
Ice Production per 24h	125kg (ambient 10°C, water 10°C)	125kg (ambient 10°C, water 10°C)
Dimensions	350mm(W) x 585mm(D) x 815(-830)mm(H)	350mm(W) x 585mm(D) x 815(-830)mm(H)
Refrigerant	R134a, 0.21kg (GWP: 1430, CO2: 0.300t)	R134a, 0.21kg (GWP: 1430, CO2: 0.300t)
Insulation Foam Blowing Agent	HFC-245fa, 365mfc	HFC-245fa, 365mfc
Weight	Net: 57kg (Gross: 66kg)	Net: 57kg (Gross: 66kg)
Ambient Temp	5 - 40°C	5 - 40°C
Water Supply Temp	5 - 35°C	5 - 35°C
Water Supply Pressure	0.05 - 0.78 MPa (0.5 - 8 bar)	0.05 - 0.78 MPa (0.5 - 8 bar)
Voltage Range	Rated voltage ± 6%	Rated voltage ± 6%

Note: The above specifications are for the representative models.

This product includes a hermetically sealed refrigeration system that contains fluorinated greenhouse gases.
This product is insulated with foam blown with fluorinated greenhouse gases.