



CUBELET ICE DISPENSER

INSTRUCTION MANUAL

DCM-80LS-HC
DCM-80LS-P-HC
DCM-120LS-HC
DCM-120LS-P-HC
DCM-120LS-P-HC-H60

- 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.

Manufacturer: **HOSHIZAKI CHINA CORPORATION**
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L1L040103(122425)

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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.

This icemaker uses HFC-free refrigerant (propane) and HFC-free foam insulation that are non-ozone-depleting and environmentally sustainable materials having very low global warming potential.

▲WARNING
This icemaker contains flammable refrigerant in its cooling unit; installation, handling, servicing and disposal must therefore only be carried out by authorized technicians.
The refrigerant contained in this icemaker is flammable and sealed in the refrigeration system. Although the refrigerant does not leak out under normal usage, take utmost care when handling this icemaker so as not to cause any damages to the system.
In the case of accidental damage to the refrigeration system causing refrigerant leak: * Do not create a source of ignition in the area. * Do not operate electrical switches or plugs in the area. * Do not use naked flame. * Immediately ventilate the area by opening doors and/or windows. * Call service engineer.

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Please preserve this booklet for any further consultation that may be necessary.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, 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.

Children should be supervised to ensure that they do not play with the appliance.
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.

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.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

Do not damage the refrigerating circuit.

Do not use electrical appliances inside the food/ice storage compartments unless they are of the type recommended by the manufacturer.

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

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.



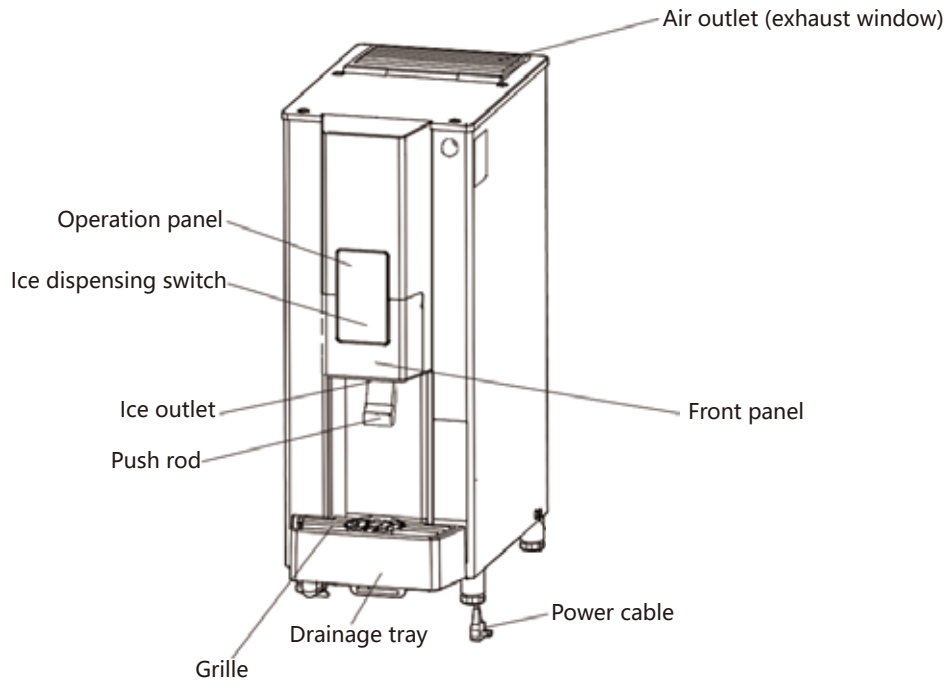
Connect to potable water supply only.



Risk of fire/flammable materials.

I. Installation Instructions

1. External Names



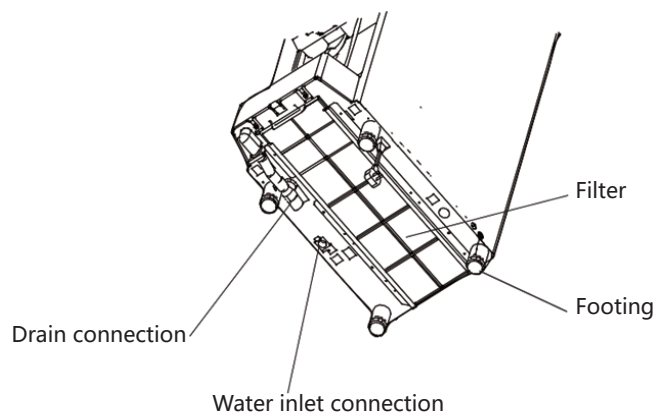
* Depending on the model, the grille opening may face up or down.



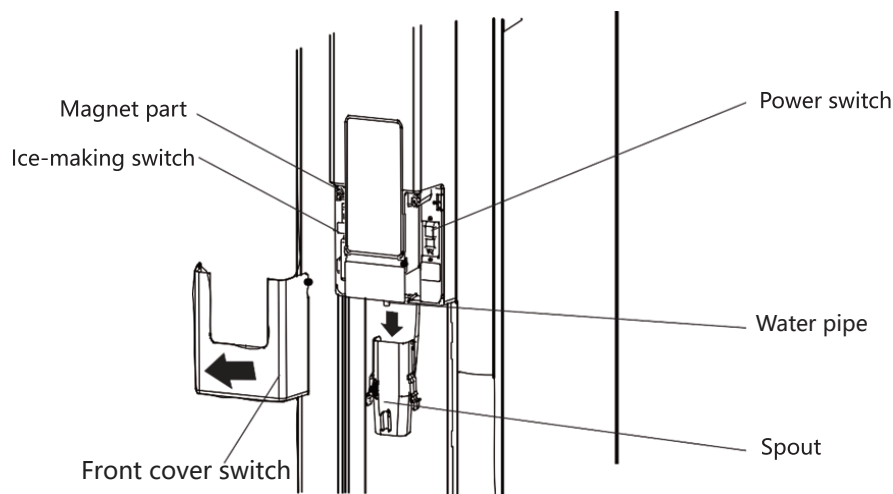
DCM-80/120LS-HC



DCM-80/120LS-P-HC/-H60



2. Internal Names



3. Accessory

Grille	1
Inlet hose	1
Drain pipe	1
Pipe clamp	1
Brush	1



4. Unpacking

⚠ WARNING

Packaged parts (plastic bags, expanded polystyrene, etc.) are potentially dangerous and must be kept out of reach of children.

⚠ CAUTION

Do not use belts to lift or move the carton.

Hold up the bottom of the device when moving it manually.

Do not lift the machine by the filter, otherwise the internal condenser fins may injure the operator.

Wear protective gloves when moving the device.

Work with a partner to prevent injuries when handling cartons or unpacking the equipment.

NOTICE

Remove packaging boxes, tapes, and other packaging materials used for transportation. If packaging materials are left inside the ice dispenser, it may not work properly.

To protect the ice dispenser, do not tilt the machine more than 45° .

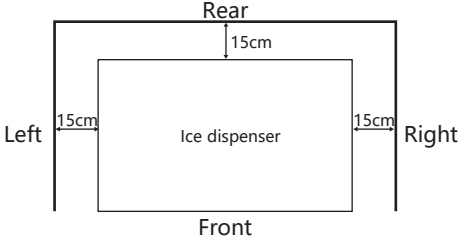
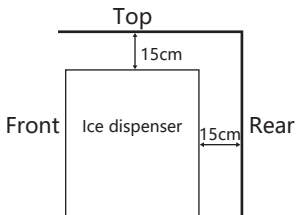
- 1) After unpacking, please check and confirm that the ice dispenser is in good condition. If in any doubt, do not use this product, but contact a qualified professional.
- 2) Tear off the plastic protective film from the outer surface. If the ice dispenser is exposed to sunlight or high temperature radiation, please wait for it to cool down before tearing off the plastic protective film.
- 3) Unpack the packaged accessories. Inspect the accessories by referring to “3. Accessory”.

5. Set Position

⚠ WARNING
This ice dispenser is not suitable for outdoor use.
The ice dispenser must not be installed near ovens, grills, or other equipment that generates high temperatures.
This product is not suitable for installation in areas where sprayers may be used.

⚠ CAUTION
The ice dispenser should be installed on solid and flat ground.

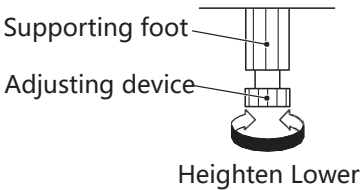
NOTICE
Do not place anything on the ice dispenser to avoid blocking the ventilation window.

IMPORTANT
The ambient temperature for normal operation should be between 5°C to 40°C. Only cold water can be connected to the water supply pipe. If the ice dispenser operates beyond the above normal temperature range for an extended period, its ice-making capacity may be affected.
The space specified below must be set aside to ensure smooth ventilation and easy maintenance.
Top view  Side view 
Condensed water may be generated inside the machine and drip on the ground in a highly humid environment. Therefore, do not install it on floors that are vulnerable to damage due to dripping water.
Do not expose the equipment to direct sunlight for extended periods.

6. Installation

⚠ CAUTION
Incorrect installation may result in injury to people, animals, or damage to other items. The manufacturer shall not be liable for any damage caused thereby.
Keep the height of the adjustable supporting foot between 0 and 15mm to prevent the foot from weakening the supporting capacity or causing personnel injury due to incorrect adjustment.

- * Place the ice dispenser on a firm and level surface.
- * Adjust the leveling device of the foot to keep the machine level in the direction of left, right, front, and back. (Inclination range: within 1cm).



7. Electrical connection

⚠WARNING

The ice dispenser must be grounded.

The ice dispenser must be grounded according to the requirements of national and local electrical safety standards.

Please use the correct grounding cable to avoid electric shock to the human body or serious damage to the device.

Disconnect the main power supply before performing any maintenance, repair, or cleaning operations.

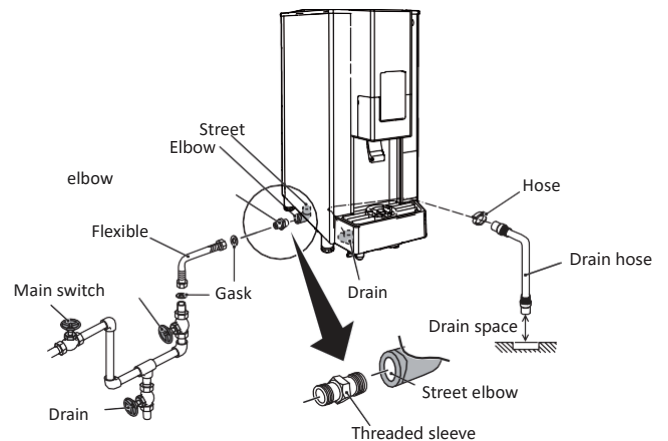
- * This ice dispenser needs to use a separate power supply (220 to 240VAC/13A), and a suitable circuit breaker must be fitted to protect the power supply.
- * Under normal circumstances, the operation should be carried out by maintenance personnel with an electrician qualification certificate or authorization.
- * If the power cord and/or plug need to be replaced, it must be carried out by knowledgeable maintenance personnel.

8. Water supply and drainage connection

⚠WARNING

Please connect to drinking water (cold water) supply line only.

- * The main water supply pipeline must be connected in accordance with the relevant requirements of the current national Regulations on Water Supply and Water Supply Connection.
- * In order to avoid performance degradation or failure caused by scale accumulation, the hardness of the water source should not exceed 50mg/L, and the silica content should not exceed 30mg/L. If the water source is not up to standard, install a suitable water treatment device.
- * The water supply pressure must range from 0.05 MPa (0.5bar) to 0.78 MPa (8bar). If the water pressure exceeds 0.78 MPa (8bar), an appropriate pressure reducing valve must be used. Do not turn off the water tap.
- * In some areas, a plumbing permit may be required, and the work must be carried out by a plumber with the appropriate qualification certificate.
- * The ice dispenser drains the water away depending on gravity flow, so ensure that the drain hose has sufficient inclination or drop height.
- * Do not connect the drain line directly to the sewer system. Leave a vertical gap of at least 5cm between the end of the drain hose and the surface drainage.
- * Be sure to use the new hose kit that comes with the unit. Do not use old hose kits.



- 1) Connect the corner end of the flexible inlet hose (accessory) to connector Rc1/2 at the bottom of the ice dispenser, as shown, and verify that the rubber gasket is properly in place. Fully tighten the gasket manually to prevent leakage of the connector.
- 2) Connect the other end of the inlet hose to the water tap and check that the gasket is properly in place before manually tightening as described above. It is best to install a stop valve where it is easily accessible.
- 3) Connect the gray flexible drain pipe (accessory) to the connector at the bottom of the drain tray, and use a clamp (accessory) to prevent the connector from leaking.

II. Operating Instructions

⚠ CAUTION

Do not touch the ice outlet of the ice dispenser, because the ice making system may start suddenly, causing personnel injury.



NOTICE

All parts are adjusted before leaving the factory. Improper adjustment may result in malfunction.

After cutting off the power supply to the ice dispenser, wait at least 3 minutes before restarting the ice dispenser to avoid damaging the compressor.

If the ice dispensing operation is not performed within 5 to 6 hours, wet ice will be created or an ice bridge will form within the ice bin. In this case, be sure to turn off the ice making switch and remove the ice from the ice bin within 2 hours. Wet ice and bonded ice generated during the ice making process should be removed immediately.

The ice dispenser is designed to suspend the ice operation when the push rod/ice switch is pressed continuously for more than 2 minutes. In addition, pressing and releasing the push rod/ice dispensing switch frequently over a longer period of time may activate the protector and bring the ice dispenser to a halt.

⚠ HYGIENE

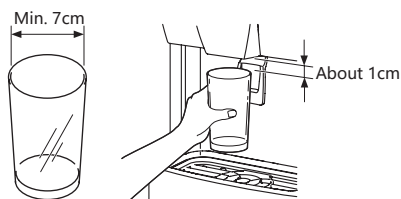
This ice dispenser is designed for making edible ice. To ensure that the ice dispenser is clean and hygienic, follow the instructions in "III.1. Cleaning"

IMPORTANT

To prevent ice and/or water from spilling or splashing, do the following:

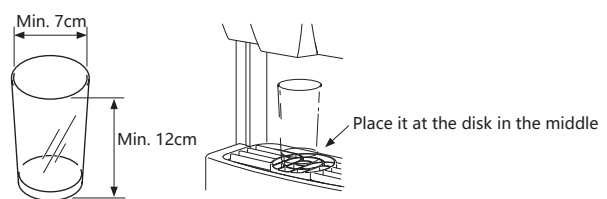
[DCM-80/120LS-HC]

- * Use containers with openings larger than 7cm
- * When the push rod is pressed to perform ice dispensing and/or water discharge, the container should be placed approximately 1cm below the nozzle.



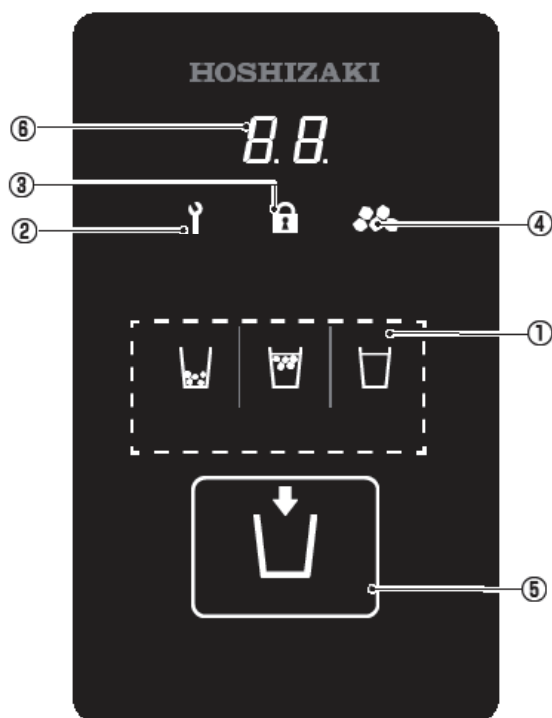
[DCM-80/120LS-P-HC/-H60]

- * Use containers with openings greater than 7cm or heights greater than 12cm.
- * When pressing the ice dispensing switch to perform the ice dispensing operation, place the container at the disk in the middle of the grille.



The ice bin should be cleaned once a day; otherwise, the ice stored in it may melt and refreeze, causing mechanical failure. For efficient use of ice cubes, the ice making switch should be turned off before switching off the ice dispenser. This ensures that the ice is always available and the water supply is not interrupted.

Operation panel



① Ice and water switching key

- Select any key of the desired "Ice", "Ice+Water", or "Water". The selected key will light up. The selection cannot be switched midway until the end of the outpouring.
- **【Ice】** lights up
Press the push rod or outpouring button (5), and the ice will flow out.
- **【Ice + water】** lights up
Press the push rod or the outpouring button, and the ice and water will flow out.
- **【Water】** lights up
Press the push rod or the outpouring button (5), and the water will flow out
- **【Ice · water switching】** twinkles
Remove the front cover; the safety device will be activated, and the "Ice", "Ice + Water", and "Water" buttons will flash. Do not outpour when the front cover is not installed. After the front cover is installed, the button lights up and returns to a usable state.

② Service call light (red)

- This light will flash when the product is abnormal. When it flashes, please contact HOSHIZAKI Sales.
- It will light up during the replacement period when parts are to be replaced regularly. When it lights up, please contact HOSHIZAKI Sales for regular replacement.

③ Switch lock light (white)

- It will light up if the Ice-Water switch button selection cannot be changed.
- When switching the lock, if the Ice-Water switch button not set is pressed, the light will blink 3 times.

④ Ice making light (white)

- Set the ice-making switch to "On", it will light up.
- It blinks when it senses abnormal movement.

⑤ Outpouring (touch-tone only)

- When the Outpouring button is pressed, the indicator will flash, and the content will flow out.

⑥ Running status indicating

- When an exception occurs, the service call light is on, and the alarm is displayed. If the alarm indication is displayed, see "Alarm Indication".
- The running state can be confirmed by removing the front cover. (Refer to the following table)

Running Status Indicating indicates

Status indicated	Content	
Outpouring No. set The ice storage is full Draining	Outpouring No. set	Indicate the Outpouring No. set
	Stored ice is used up	Storage of ice. Light up when it is full of ice
	Draining	Lights up when the water inside the product is discharged, and will be extinguished after drainage
	Regular replacement	Show "PC" at the replacement time of parts that need to be replaced regularly.

Ice、Ice+Water、 Water Function Locking Method

This model is equipped with a locking mechanism that allows the user to select one of three operational modes:

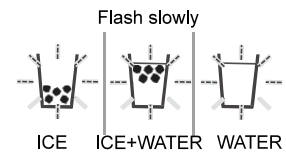
"Ice", "Ice+Water" or "Water".

NOTICE

The ice maker is preset to a selectable (non-locked) mode at the factory

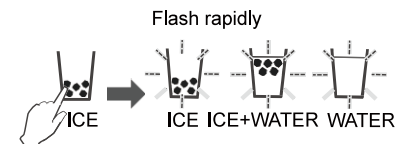
1 Remove the front cover

→ The "ICE" , "ICE+WATER" and "WATER" function keys on the operation panel flash slowly.

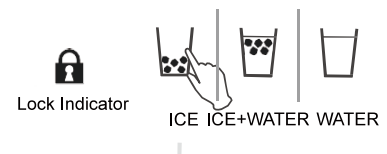


2.Press the "Ice" key on the operation panel.

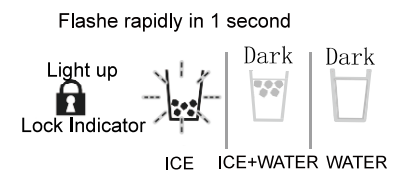
→ The "Ice" , "Ice+Water" and "Water" function keys on the operation panel flash rapidly. This indicates that the lock function is ready.



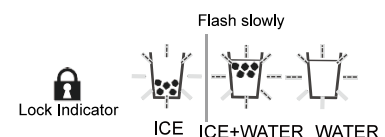
3.Among the three selections "Ice" , "Ice+Water" and "Water" , press a function you want to lock.



1) → The lock indicator on the display lights up and the selected function flashes rapidly in 1 second. Unselected functions go out synchronously

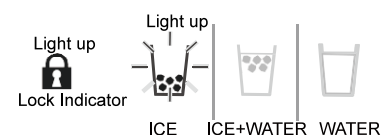


2) → The "Ice", "Ice + Water" and "Water" functions flash slowly after 1 second.



4 Install the front cover

→ The lock indicator and the locked function light up simultaneously.



Unlocking the Function

Remove the front cover and press the "Ice" function key on the operation panel.

→ The function is unlocked and the lock indicator goes out.



1. Start

- 1) Plug in the power plug of the ice dispenser.
- 2) Turn on the water tap.
- 3) Turn the operating switch on the right side of the ice dispenser to position "ON." The display on the control panel will show the current working status.
- 4) Turn the ice-making switch on the left side of the ice dispenser to position "ON." The ice-making indicator light on the operation panel will light up, and the ice maker will start the automatic ice-making process within 5 minutes.
- 5) Check water supply and drainage connections for leakage.
- 6) Press the ice-making switch on the operation panel after 10 minutes.
- 7) Press the push rod/ice dispensing switch, and check that the ice dispensing action is normal.
- 8) When the ice bin is filled with ice cubes, the ice dispenser will automatically stop the ice-making process in about an hour, and restart the ice-making process after using the ice cubes.

NOTICE

Depending on water quality, wet ice and bonded ice cubes may occur.

2. Ice Dispensing

- 1) Press switch Ice, Ice + Water, or Water on the operation panel to select the desired ice dispensing mode. The selected switch will light up.
- 2) Place the container in place and perform ice or water dispensing operation as required.
[DCM-80/120LS-HC]
When the push rod is pressed, it will maintain the ice and/or water dispensing state.
[DCM-80/120LS-P-HC/-H60]
Press and hold the ice dispensing switch, it will maintain the ice and/or water dispensing state. Press the ice dispensing switch once, and the ice can be dispensed according to the preset amount (proportional control over ice cubes).

3. Front Cover

The front cover is equipped with safety equipment. When the front cover is removed, the switches for Ice, Ice + Water, and Water will blink, and the ice dispensing action cannot be performed.

Reinstall the front cover after adjusting and repairing the control panel.

NOTICE

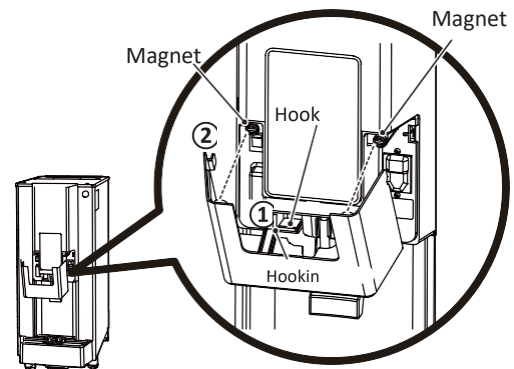
In order to avoid damage to the internal magnetic material, do not drop the front cover from a height.

- 1) To remove the cover, hold the grooves on both sides of the front cover and pull them out.
- 2) When installing it back, grab both sides of the front cover, and clamp the bayonet into the hole to firmly secure it to the magnetic clip.



4. Proportional Control over Ice Cubes

- 1) Press the switch "Proportional Control over Ice Cubes" on the control panel to enable the preset proportion controls for ice and/or water dispensing amount.
- 2) The proportion control is disabled by default. The amount of ice dispensed under the proportional control over ice cubes depends on the quality of the water and the storage capacity of the ice bin, while the amount of water dispensed depends on the water pressure.



Model	Default setting	Adjustable range
DCM-80LS-HC DCM-120LS-HC	Dispensed ice: 40g Dispensed water: Unadjustable	Dispensed ice: 20-990g (Adjusted by 10g) Dispensed water: Unadjustable
DCM-80LS-P-HC DCM-120LS-P-HC/-H60	Dispensed ice: 40g Dispensed water: 120mL	Dispensed water: 20-990g (Adjusted by 10g) Dispensed water: 20-990mL (Adjusted by 10mL)

[a] Switch Outpouring Settings (Outpouring Quantitatively, or Suppressing the Spatter)

Quantitative injection**: Injection is according to the predetermined amount of ice or water.

Inhibit spatter**: Water is injected after ice is poured out to reduce water spatter.

Set [can] : After the ice is poured out, pour water.

Set [cannot] : Ice and water are poured at the same time.

[b] Switch Outpouring Settings (Outpouring Quantitatively, or Suppressing the Spatter)

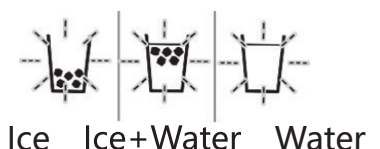
NOTICE

- Depending on the water quality and the amount of ice stored, the amount of ice outpoured will vary slightly.
- The pushrod type can only set the amount of ice injection.

- 1) Remove the front cover.

→ Keys "Ice" , "Ice + Water" , and "Water" will twinkle, and the Outpouring No. will be displayed in the Running Status Indicating.

- 2) Press the "Water" key on the operation panel to switch to the desired Outpouring No.



Ice Ice+Water Water



Ice Ice+Water Water

NOTICE

Each time the key "Water" is pressed, the Outpouring No. can be switched in the order of 1 → 2 → 3 → 4 → 1

Outpouring No. Set	Outpouring quantitatively	Suppressing the spatter
1	Not allowed	Allowed
2	Allowed	Allowed
3 (While delivering from the factory)	Not allowed	Not allowed
4	Allowed	Not allowed

3) Install the front cover

[c] Switch the Outpouring Settings and Adjust the Amount of Outpouring

The ice setting can be changed according to your preference.

Example: Change the setting number from [3] to [2], which changes the ice amount from 40g to 60g.

NOTICE

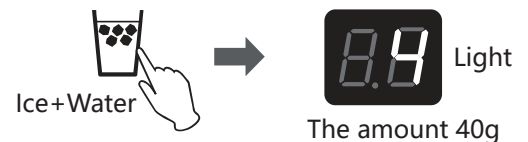
- The amount of ice outpoured will vary with the water quality and the amount of ice stored.
- Only the amount of ice outpouring can be set for the push rod type.



- 1) Remove the front cover.
- 2) Press the key "Water" in the operation panel to switch to the Outpouring No. Set "2" for the desired amount of outpouring.

NOTICE

Each time the key "Water" is pressed, the Outpouring No. can be switched in the order of 1→2→3→4→1.



Outpouring No. Set	Outpouring quantitatively	Suppressing the spatter
2	Allowed	Allowed
4	Allowed	Not allowed

- 3) Press the "Ice + Water" key on the operation panel.

→ On the Running Status Indicating part of the operation panel, the "4" points of ice outpouring amount light up, and the "Ice" and "Water" keys will flash.

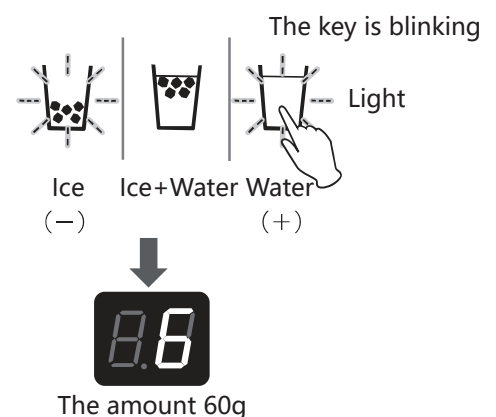
- 4) Set the amount of ice outpoured via the "Ice (-)" or "Water (+)" keys on the operation panel.

→ The Ice Outpouring No. set is displayed in the Running Status Indicating.

- Ice (-): Every "1" reduction in the set value equals a reduction of about 10g.
- Water (+): Every "1" increase in the set value equals an increase of about 10g.

NOTICE

The range of ice outpouring amount is shown below.



Set range	While delivering from the factory
Ice outpouring amount: 20 to 990g (in 10g)	40g

Ice outpouring amount [6] = About 60g

- Long press the "Ice (-)" or "Water (+)" keys to fast-forward the settings.

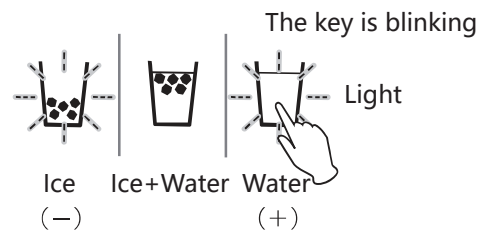
5) Press the "Ice + Water" key.

→ After the ice outpouring amount is determined, the points of the Running Status Indicating will flash once, and it will return to indicate the Outpouring No. set.

6) Set the water outpouring amount via the "Ice (-)" or "Water (+)" keys

→ The Water Outpouring No. set is displayed in the Running Status Indicating.

Ice (-): Every "1" reduction in the set value equals a reduction of about 10ml water.



NOTICE

The range of water outpouring amounts is shown below.

Set range	While delivering from the factory
Ice outpouring amount: 20 to 990g (in 10g)	About 120mL

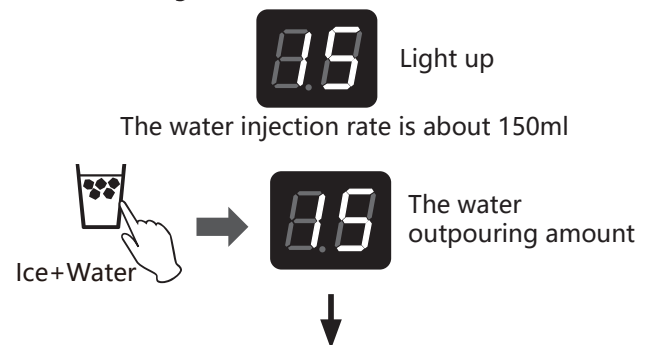
Ice outpouring amount [15] = About 150mL

• Long press the key "Ice (-)" or "Water (+)" to fast-forward the Settings.

7) Press the key "Ice + Water" .

→ After the ice outpouring amount is determined, the points of the Running Status Indicating will flash once, and it will return to indicate the Outpouring No. set.

8) Install the front cover.



5. Catch the Ice by Bucket Racks

1) Remove the front cover, set the ice making switch to "Off", and reinstall the front cover.

2) Press and hold "Ice" , "Ice + Water" and "Water" in the operation panel for more than 3 seconds at the same time.

→ The key "Ice" blinks at high speed, and the key "Outpour" blinks slowly to enter the continuous ice outpouring mode.

NOTICE

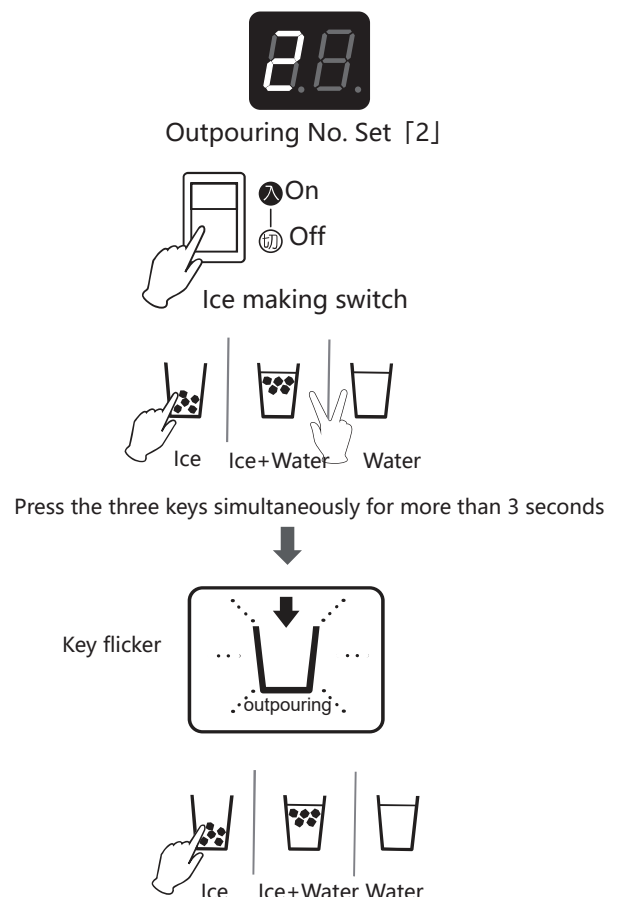
• Upon entering continuous ice outpouring mode, the push rod machine will not be able to use the push rod. Outpour can only be started and stopped by the key.

• Press either "Water," "Ice + Water," or "Ice" to disable the continuous ice outpouring mode.

3) Remove the draining board, and ensure there is no water in the drain outlet of the drainage tray.

NOTICE

If there is stagnant water, do not remove the drainage tray and check the drainage.

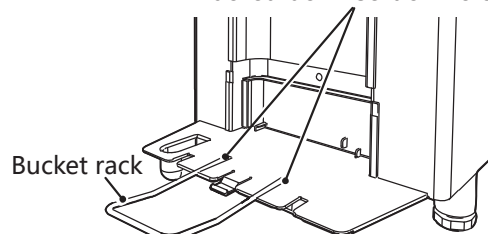


4) Remove the drainage tray

NOTICE

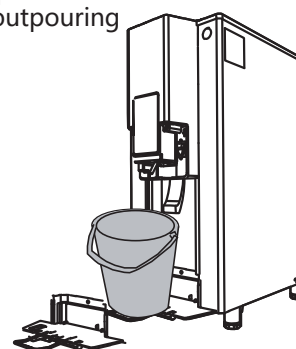
- During the removal of the drainage tray, be sure to set it to continuous ice filling mode.
- Otherwise or releasing the mode midway, it will cause water leakage in the drain outlet.

5) Remove the bucket rack and insert it into the bucket rack insertion hole for fixing. Bucket rack insertion hole
Press down gently to make sure it doesn't come off.



6) Place the bucket and other containers on the bucket rack. Press the "Outpour" key once, and the ice will be poured out continuously. It automatically stops outpouring after 2 minutes and 20 seconds.

→ The "Outpour" key blinks at high speed when ice cubes are outpoured continuously.



NOTICE

- Pressing the "Outpour" key again midway will stop ice outpouring, and the "Outpour" key will flash slowly.
- Depending on the shape and material of the container, it may be unstable. In this case, please hold it with your hand to prevent it from falling down.
- The push-rod machine of 120 kg has a recommended bucket, but the bucket may make contact with the push rod and become unstable when squeezed.
Hold the bucket with your hand for about 10 seconds after outpouring (until the ice cube bin is full).
If a container other than the recommended one is used, support it with your hands until it becomes stable.



7) Press the "Outpour" key again to ensure no ice is flowing out.

NOTICE

- The ice may retain and make a sound, but once the ice stops flowing out, there is no problem.

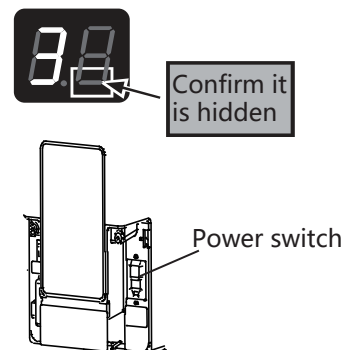
8) Put the bucket, drainage tray, and draining board back in place.

NOTICE

- Make sure the drainage tray is properly aligned and straight.

9) Press one of the "Ice," "Ice + Water," or "Water" keys.

→ This will release the continuous ice outpouring mode.



10) Remove the front cover.

11) Check whether the "Draining" at the lower right of the Running Status Indication on the operation panel is hidden.

NOTICE

When "Drainage" is displayed, wait until it is hidden.

12) Set the power switch to "OFF" .

6. Preparation for not Using the Ice Dispenser for a Long Time

NOTICE

The ice dispenser cannot work at temperatures below the freezing point. To avoid damaging the water supply pipe, drain the water from the ice dispenser when the temperature is lower than 0°C.

▲ HYGIENE

When the ice dispenser is shut down for 2 days or longer, empty it to prevent waterway pollution.

III. Maintenance

1. Cleaning

▲ WARNING

Remove the power plug of the ice dispenser from the power supply network before cleaning or maintenance.

Do not flush the ice dispenser with a sprayer.

▲ CAUTION

When using neutral or sodium hypochlorite solutions, be sure to fully read and understand the instructions attached to avoid potential health problems.

NOTICE

The waterway system of the ice dispenser should be cleaned and disinfected (at least twice a year), and the condenser should be inspected and cleaned (at least once a year) by trained maintenance personnel.

Do not wash plastic parts in water with a temperature higher than 40°C or in the dishwasher to avoid damaging the parts.

Front cover, spout, push rod, ice outpouring outlet, and the peripheries.

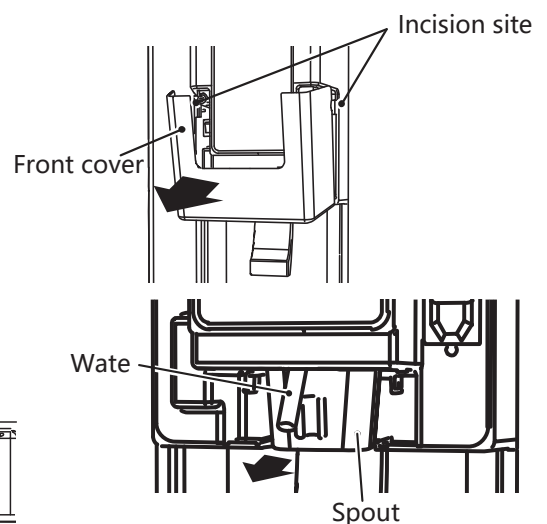
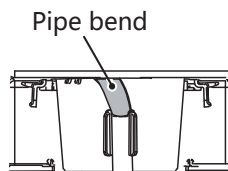
The front cover, spout, ice outpouring outlet, and the peripheries are prone to have infectious microbes, please clean frequently.

1) Grab the incision sites on both sides of the front cover, pull the front cover towards your body, and remove it.

2) Pull the water pipe towards your body, and remove the water pipe of the spout from the fixing part.

NOTICE

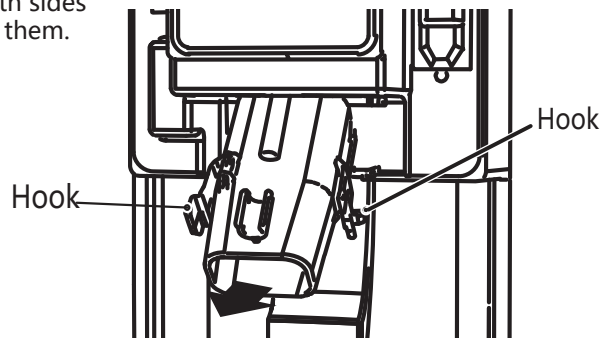
Hold the pipe bend, do not touch the outlet of the water pipe, to maintain hygiene when removing the water pipe.



3) While holding the pipe close to hand, pinch the hooks on both sides of the spout, pull them towards your body and down to remove them.

NOTICE

Please do not apply excessive force to the water pipes and spouts.



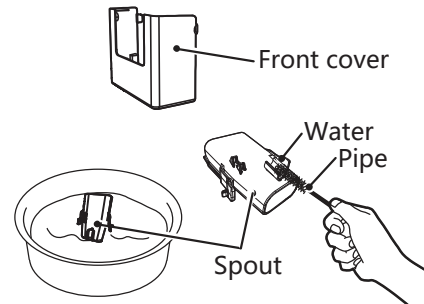
4) Rinse the front cover and spout.

<Front cover>

- Please dip a rag in warm water with disinfectant, and wipe away the dirt.

<Spout>

- Soak the part in warm water with disinfectant for more than 3 minutes, clean it with a brush (accessory), and dry with a clean cloth after rinsing with water.



5) Air filter

CAUTION

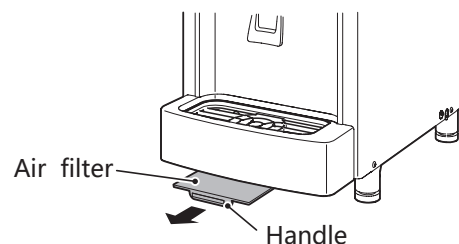
To avoid personnel injury, do not touch the condenser fin when removing the air filter.

Plastic mesh air filters can filter dirt or dust in the air to prevent the condenser from clogging. If the filter is blocked, the performance of the ice dispenser will be degraded. Remove and clean the air filter at least twice a month.

1) Pull the air strainer from the bottom of the drainage tray.

2) Clean the air filter with a vacuum cleaner. If the air filter is heavily clogged, clean it with warm water and a neutral cleaner.

3) Rinse and dry the air filter thoroughly.



NOTICE

After cleaning, be sure to put the air filter back in place face up.

2. Inspection and Maintenance

NOTICE

In order to achieve the best performance of the ice dispenser, the following components must be regularly inspected and maintained:

Extrusion head (upper bearing)
Mechanical frame (lower bearing)
Mechanical seal

[a] Inspection

The above components shall be first inspected after 2 years of installation or 10,000 hours of operation, whichever comes first, and shall be inspected annually. If the wear exceeds the factory-recommended value, the above components must be replaced.

However, since the service life of the component depends on the water quality and the environment, it is recommended to increase the frequency of inspection and maintenance in the case of poor or even bad water quality.

Please consult your local HOSHIZAKI maintenance agency for details about inspection and maintenance.

[b] Replacement

The extrusion head (upper bearing) and mechanical seal must be replaced after four years of installation or 20,000 hours of operation, whichever comes first, to avoid serious accidents or breakdowns. Please consult your local HOSHIZAKI maintenance agency for replacement.

After 20,000 hours of total runtime, the service request indicator on the operation panel will light up, and the display on the control panel will flash with "PC". After another 500 hours, the dispenser will be turned off for safety, and the service request light will start flashing. When the service request indicator lights up, contact your local HOSHIZAKI maintenance agency for replacement immediately.

When the dispenser is shut down after 500 hours and the service request indicator starts to blink, the dispenser can be resumed by turning off the operation switch and then turning it back on, but the dispenser will shut down again after 500 hours. To resume operation, contact your local HOSHIZAKI maintenance agency for replacement.

Depending on water quality and wear conditions, the lower housing bearing may need to be replaced.

3. Before Contacting a Maintenance Agency

▲ WARNING
Do not damage the refrigerant circuit.

[a] A fault code is displayed

When the service call light blinks and the display shows a number, the product is abnormal. The service call light on the operation panel flashes, and the number is displayed in the Running Status Indication part.

Alarm display number	Content	Survey point	Handling method
32、 66	The dual-cleaning system is abnormal	—	Please contact HOSHIZAKI Sales. Ice making and outpouring function can be used.
78	Abnormal drainage valve		
46	Abnormal condenser (high temperature)	(1) Whether the air filter is dirty	Carry out maintenance
		(2) Whether the ambient temperature is above 35°C.	Please reduce the ambient temperature via ventilation and air conditioner.
		(3) Whether it is affected by external hot air	Keep away from heat
95、 96、 97	Ice dispenser component (gear motor) abnormal	(4) Whether the ambient temperature is below 5°C.	Please raise the ambient temperature via the air conditioner. Please use dedicated power supply.
		(5) Check whether the wiring is cluttered	If the display is repeated, please contact HOSHIZAKI Sales.
40、 41、 43、 47	The electronic basal plate is abnormal	—	Please set the power switch (leakage circuit breaker) to "OFF" , and contact HOSHIZAKI Sales.
60	Abnormal ice making		
65	The condenser fan motor is abnormal		
67	The condenser thermistor is abnormal		
76	Full ice detector anomaly		
78	Abnormal drainage valve		
94	Abnormal ice making water level detector		

[b] No fault code is displayed

If the ice dispenser does not work properly or at all with the ice making light on the operating panel blinking and no fault code displayed on the display, check the following before contacting the service agency:

- * Whether the power supply of the ice dispenser is connected.
- * Whether the tap is on .
- * Whether the air filter is clean.

Please contact your local HOSHIZAKI maintenance agency for further assistance or consultation.

4. Disposal

Dispose the ice dispenser and its accompanying refrigerant gas in accordance with local laws and regulations.

5. Warranty

HOSHIZAKI assures the owner/user that all products under the HOSHIZAKI brand are free from material and/or workmanship defects during the product "Warranty Period" . The product warranty is valid for two years from the date of product installation.

HOSHIZAKI assumes limited liability under this warranty and is not responsible for routine maintenance, cleaning, necessary maintenance and/or repairs due to misuse and failure to install in accordance with HOSHIZAKI's guidelines.

Repairs covered by the warranty shall be carried out by authorized HOSHIZAKI dealers or repair institutions using original/pure parts from HOSHIZAKI. For more information on warranties and authorized repair organizations, please contact your dealer/supplier or the nearest HOSHIZAKI repair office.

Specification

Model	DCM-80LS-HC	DCM-80LS-P-HC
Type	Air-cooled, square ice, push-rod	Air-cooled, square ice, ice dispensing switch
Power supply	Single phase 220 ~ 240V 50Hz	Single phase 220 ~ 240V 50Hz
Power	290W (ambient temperature: 32°C , water temperature: 21°C)	290W (ambient temperature: 32°C , water temperature: 21°C)
24h ice making capacity	80kg (ambient temperature: 10°C , water temperature: 10°C)	80kg (ambient temperature: 10°C , water temperature: 10°C)
Dimensions	350mm (Width) × 585mm (Depth) × 695(-710)mm (Height)	350mm (Width) × 585mm (Depth) × 695(-710)mm (Height)
Refrigerant	R290, 55g	R290, 55g
Weight	Net weight: 44kg (gross weight: 47kg)	Net weight: 44kg (gross weight: 47kg)
Ambient temperature	5 ~ 40°C	5 ~ 40°C
Water supply temperature	5 ~ 35°C	5 ~ 35°C
Water supply pressure	0.05 ~ 0.78MPa (0.5 ~ 8bar)	0.05 ~ 0.78MPa (0.5 ~ 8bar)
Voltage range	Rated voltage ±6%	Rated voltage ±6%

Model	DCM-120LS-HC	DCM-120LS-P-HC
Type	Air-cooled, square ice, push-rod	Air-cooled, square ice, ice-dispensing switch
Power supply	Single-phase 220 ~ 240V 50Hz	Single-phase 220 ~ 240V 50Hz
Power	391W(ambient temperature: 32°C , water temperature: 21°C)	391W(ambient temperature: 32°C , water temperature: 21°C)
24h ice-making capacity	120kg (ambient temperature: 10°C , water temperature: 10°C)	120kg (ambient temperature: 10°C , water temperature: 10°C)
Dimensions	350mm (width) × 585mm (depth) × 815(-830)mm (height)	350mm (width) × 585mm (depth) × 815(-830)mm (height)
Refrigerant	R290, 90g	R290, 90g
Weight	Net weight: 48kg (gross weight: 52kg)	Net weight: 48kg (gross weight: 52kg)
Ambient temperature	5 ~ 40°C	5 ~ 40°C
Water supply temperature	5 ~ 35°C	5 ~ 35°C
Water supply pressure	0.05 ~ 0.78MPa (0.5 ~ 8bar)	0.05 ~ 0.78MPa (0.5 ~ 8bar)
Voltage range	Rated Voltage ±6%	Rated Voltage ±6%

Model	DCM-80LS-HC	DCM-80LS-P-HC
Type	Air-cooled, Square ice, push-rod	Air-cooled, square ice, ice dispensing switch
Power Supply	Single phase 220V~230V 60Hz	Single phase 220 ~ 230V 60Hz
Power	294W(ambient temperature:32°C,water temperature:21°C)	294W(ambient temperature:32°C,water temperature:21°C)
24h ice making capacity	90kg (ambient temperature:10°C, water temperature 10°C)	90kg (ambient temperature:10°C, water temperature 10°C)
Dimensions	350mm(Width) x 585mm(Depth) x 695(-710)mm(Height)	350mm(Width) x 525mm(Depth) x 695(-710)mm(Height)
Refrigerant	R290, 75g	R290, 75g
Weight	Net weigh: 44kg (gross weight: 47kg)	Net weigh: 41kg (gross weight: 44kg)
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 $\pm$ 4%	Rated voltage $\pm$ 4%

Model	DCM-120LS-HC	DCM-120LS-P-HC/-H60
Type	Air-cooled, Square ice, push-rod	Air-cooled, square ice, ice dispensing switch
Power Supply	Single phase 220V~230V 60Hz	Single phase 220 ~ 230V 60Hz
Power	393W(ambient temperature:32°C,water temperature:21°C)	393W(ambient temperature:32°C,water temperature:21°C)
24h ice making capacity	118kg (ambient temperature:10°C, water temperature 10°C)	118kg (ambient temperature:10°C, water temperature 10°C)
Dimensions	350mm(Width) x 585mm(Depth) x 815(-830)mm(Height)	350mm(Width) x 585mm(Depth) x 815(-830)mm(Height)
Refrigerant	R290, 80g	R290, 80g
Weight	Net weigh: 44kg (gross weight: 52kg)	Net weigh: 44kg (gross weight: 52kg)
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 $\pm$ 4%	Rated voltage $\pm$ 4%

Note: The above specifications apply to representative models .

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