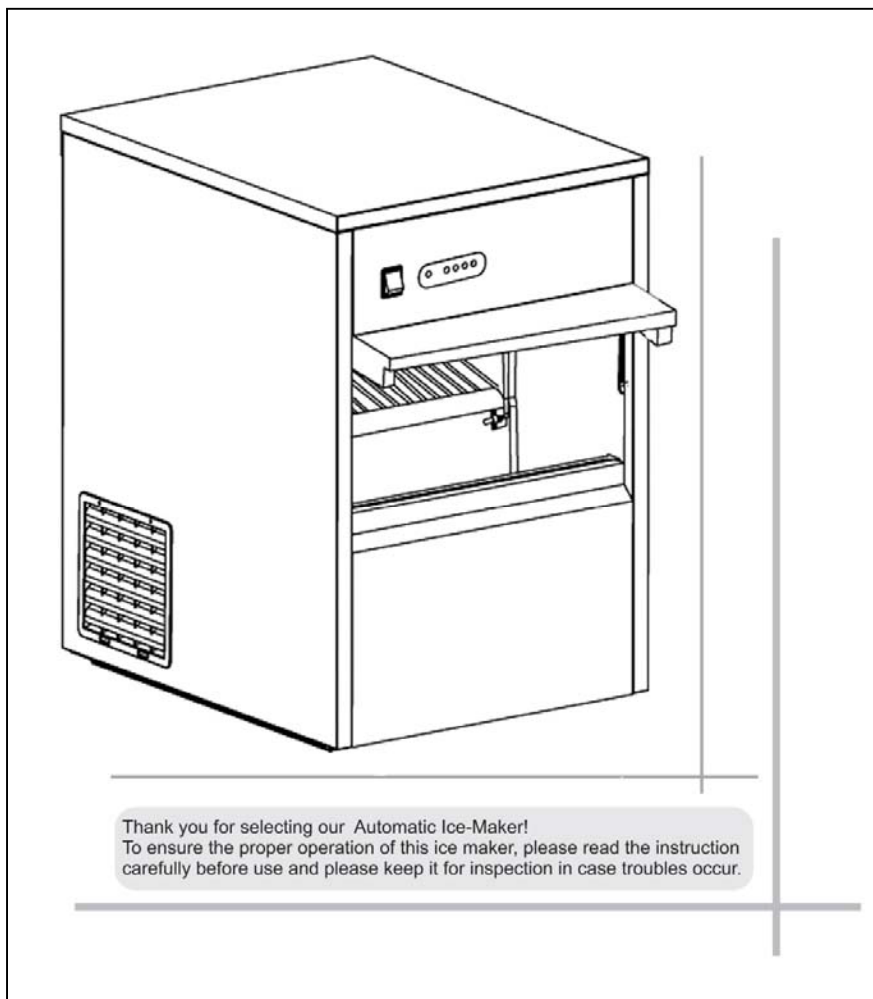




Instruction Manual

Commercial Water Flowing Ice Maker Model: ICE-7020



Thank you for selecting our Automatic Ice-Maker!
To ensure the proper operation of this ice maker, please read the instruction
carefully before use and please keep it for inspection in case troubles occur.

TABLE OF CONTENTS

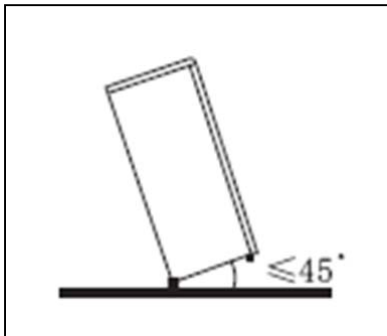
FEATURES.....	3
NOTES BEFORE OPERATION.....	3
STRUCTURE.....	4
OPERATION PROCEDURES.....	5
MAINTENANCE.....	6
TECHNICAL PARAMETERS.....	6
TROUBLESHOOTING.....	7
CIRCUIT DIAGRAM.....	8

FEATURES

- Our ICE-7020 Commercial 20 kg Water Running Ice Maker is designed with a cubic shape that has a curved front panel and curved door (or stainless steel flat front panel and flat door) for a nice appearance.
- Many advantages of the ice maker are available such as:
 - Making ice quickly;
 - Great ice making capacity;
 - Nice ice shape;
 - Ice dropping quickly.
- Processes (water inlet, water filling, ice making, water releasing and ice dropping) are automatically controlled which continuously makes ice.
- When there is a water shortage or when the ice is full in the cabinet, the indicator light on the operation board will turn on accordingly, and the ice maker will automatically stop operation.
- The ice storage cabinet is PU foamed, so it is insulated well and it could prevent the ice from melting.

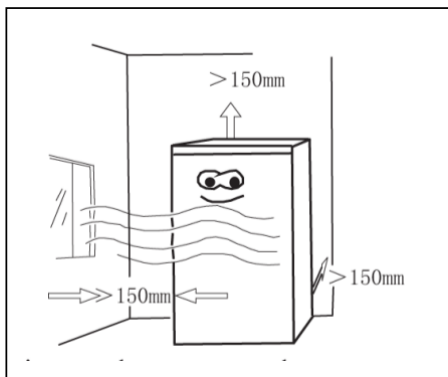
NOTES BEFORE OPERATION

1. The incline angle of the cabinet should not be over 45° during transportation.



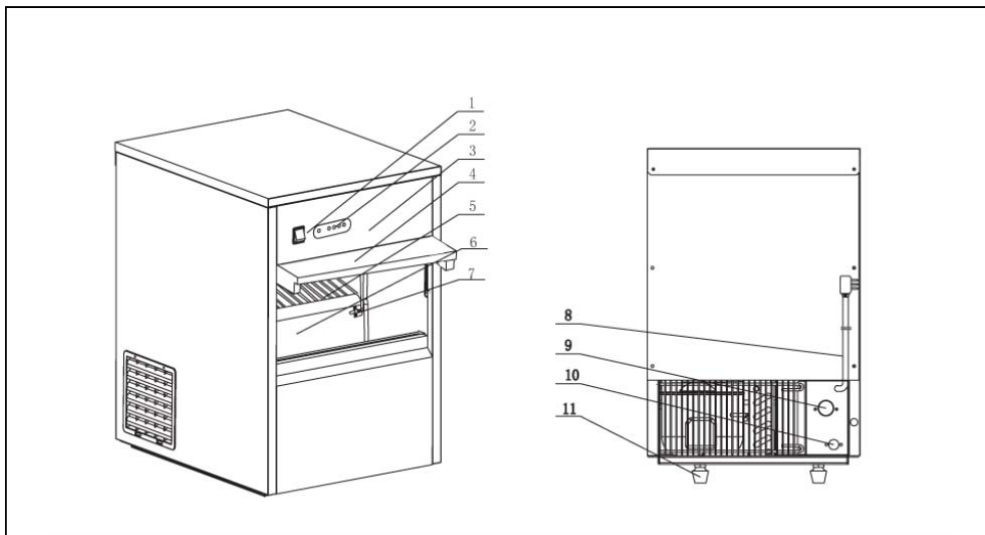
2. Don't place ice maker upside-down or else compressor or refrigerating system problems can occur.
3. When the ice maker is used for the first time, or when it is reused after idling for a long time, the ice made for the first two times is not edible. It is part of the self-cleaning process of the ice making system.
4. The ice maker should be placed on horizontal and structurally-sound ground, and away from any heat source or corrosive gas.

5. A space of about 150mm should be left around the ice maker to ensure proper ventilation.



6. Please adjust the feet when placing the ice maker, otherwise the water level and the shape of the ice will be affected. Before using the ice maker for the first time, you should wait about 12 hours after positioning it in a proper place.
7. The outlet of drainage tube should be lower than the cabinet, so as to drain water easily.
8. The separate three-pole outlet should be used and the grounding must be good.

STRUCTURE



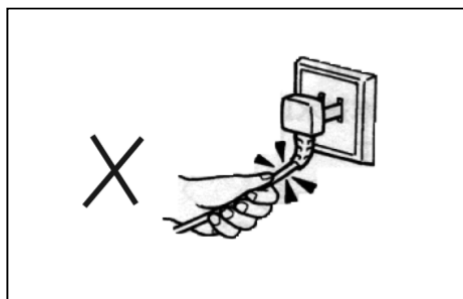
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| <ol style="list-style-type: none">1. Power Switch2. Display panel3. Front Panel4. Door5. Ice Bouncing Shelf6. Ice Storage Container7. Ice Level Sensor | <ol style="list-style-type: none">8. Power Cord9. Water Inlet Valve10. Drainage Tube11. Bottom Foot |
|--|--|

OPERATION PROCEDURES

1. Unpack the ice maker from its carton, and then remove the ice shovel, inlet/outlet tubes, and sealing washers, from the container in the ice maker where they are packed for transit.
2. Position the ice maker on a well ventilated place, leaving at least a 150mm gap between the ice maker and the walls/ceiling etc. The ice maker must be level, and situated away from any heat source.
3. Attach one end of the $\phi 12$ mm flexible plastic corrugated pipe to the water outlet on back of machine. The other end of the pipe should be inserted into a plumbed in stand waste pipe, or a suitable container for the collection of the waste water.
4. Connect the 3/4" water inlet hose, supplied with the ice maker, to a drinking water supply and then connect the other end to the water inlet on the back of the machine. When connecting this hose, use the sealing washers supplied with the ice maker to eliminate the risk of a water leak. The water pressure must be a minimum of 1Kg/cm² or 14.7 psi and a maximum of 8 kg/cm² or 117psi.
5. Plug the power lead in to the supply socket, and then press the green on/ off switch on the ice maker to start it. The green "run" light will then be lit. The ice maker will start to operate.
6. The operation of the ice maker is completely automatic unit the ice is removed from the container. Water supply-ice making-ice transfer-ice storage.
7. If the storage container is full with ice, the "ice full" indicator on the display panel will light, and the ice maker will stop automatically. Remove the ice from the storage container. Wait for five minutes, and then restart the ice maker.
8. Should the water supply be restricted or fail, the "water low" light will be lit. The ice maker will stop automatically. When the water supply is restored, wait for at least five minutes then re-start the ice maker.

MAINTENANCE

1. If the compressor stops for any reason, due to a water shortage, too much ice, power off, or other reasons, don't restart it right away. Restart it 5 minutes later to protect the compressor.
2. On a regular basis, check the connectors of the water inlet and outlet tubes, and drain any surplus water that may occur.
3. If the ice maker will be unused for long periods of time, please unscrew the plastic drainage connector screw that is on the back of the ice maker, so as to drain the surplus water in the water groove. Then screw it back on. Wipe the inner liner of the ice storage container with a clean rag.
4. When plugging or unplugging, the plug should be held by hand and the wires should not be dragged heavily.



TECHNICAL PARAMETERS

Tested under the following conditions:

- Ambient temperature 15°C
- Tap water temperature 10°C

Ice Making Capacity (Kg/24h)	Electric Shock Protection Class	Power Input (W)	Ambient temperature °C/°F	Dimensions L×D×H (mm)
≥20	I	170	10°C- 43°C	380×477×590

The specifications are subject to be changed without notice. Please check the nameplate to be sure.

TROUBLESHOOTING

Reference for Users and Technicians

PROBLEM	CAUSE	REMEDY
The ice maker does not work.	1.The voltage is out of the limitation. 2.The ambient temperature is lower than 10° C.	1. Stop the ice maker and restart it until the voltage is normal. 2. Try again when the ambient temperature is higher than 10°C
Water shortage indicator lights on.	1.Water shortage from the water supply system. 2.Water valve damaged. 3.Tap water pressure too low.	1. Check the water supply. If it is OK, restart the maker. 2. Check the water valve. 3. Ensure the tap water pressure is higher than 1 kg/cm²
Compressor doesn't work.	1.Water shortage. 2.Ice full.	1. Check the water supply system (water valve and water supply tube). 2. Take out some ice.
Compressor works, but no ice is made.	1.Refrigerant leakage. 2.The refrigerating system is blocked.	1. Recharge the refrigerant and check the leakage again. 2. Charge the N2 to check whether the system is blocked and replace the dryer-filter 3. Replace the solenoid valve 4. Check whether the fan is running.
It is difficult for the ice to drop or the ice does not drop.	1.Water temperature or ambient temperature is too low. 2.The solenoid valve is damaged.	1. Check whether the ambient temperature is too low (lower than 10 °C) or water temperature is too low (lower than 7 °C) 2. Replace the solenoid valve.
Trouble indicator lights on.	The water box does not tilt.	1. Unplug the power, check the tilting motor and relative system. 2. 3~5 minutes later, restart the machine.

CIRCUIT DIAGRAM

