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VEVOR®

ICE MAKER

Professional Manufacture



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INTRODUCTION

Please take a few moments to carefully read through this manual. Correct maintenance and operation of this machine will provide the best possible performance.

SAFETY TIPS

- WARNING: **K**eep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- WARNING: **D**o not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- WARNING: **D**o not damage the refrigerant circuit.
- WARNING: **D**o not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- WARNING: **W**hen positioning the appliance,ensure the supply cord is not trapped or damaged
- WARNING: **D**o not locate multiple portable socket-outlets or portable power supplier at the rear of the appliance.

-- 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.(For ICE)

-- This appliance can 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 if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision。Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.(For EN)

--. This appliance is intended to be used in household and similar applications such as
– staff kitchen areas in shops, offices and other working environments;
– farm houses and by clients in hotels, motels and other residential type environments;
– bed and breakfast type environments;
– catering and similar non-retail applications.

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

--. WARNING: Connect to potable water supply only.

- 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.
- Position on a flat, stable surface.
- A service agent/qualified technician should carry out installation and any repairs if required. Do not remove any components or service panels on this product.
- DO NOT immerse in water, or use steam/jet washers to clean the unit.
- DO NOT cover the appliance when it is operating.
- DO NOT lay the cable over carpets or heat insulation. Do not cover the cable. Keep away the cable

  from operating range and do not dunk it into water.
- Always carry, store and handle the appliance in a vertical position.
- Never tilt the appliance more than 45° from the vertical.
- ONLY use drinking or potable water when making ice cubes.
- The maximum temperature of water inlet do not over **35** ℃
- Ensure the water pressure of the connected water supply is between 0.1Mpa to 0.8Mpa.
- The device is to be used indoors only.
- Keep all packaging away from children. Dispose of packaging in accordance to the regulations of local authorities.
- The separate three-pole socket should be used and it must be grounded.
- The rated capacity of wire should be over 10A . The wire could be consisted by single ply or multiplies.



Warning; Risk of fire / flammable materials

Installation

1.Remove the appliance from the packaging and remove the protective film from all surfaces.

2.Remove the Ice Spoon, Water Inlet Tube, Water Drainage Pipe and Sealing Washers from the ice storage cabinet.

3. Place the device on top of an even and safe surface which supports the weight of the device.

4. Choose a surface where the ice maker is not exposed to direct sunlight, or close to a direct source of heat such as a cooker, oven or radiator.

5. When positioning the ice maker, please keep a space behind the machine to make sure that you can easy connect the water inlet pipe and the water drain pipe, (if the machine is with air cooling system,please maintain a distance of 20cm (7 inches) between the appliance and walls or other objects for ventilation. Increase this distance if the obstacle is a heat source.)

6. Position the device in a way so that the power plug is always accessible.

7. Set up the device near water supply connection.

8. If necessary, adjust the screw legs of the ice maker to make it level. The efficiency of the ice maker can be reduced if the appliance is unevenly located.

9. Fully insert one end of the Water Drainage Pipe to the water Outlet connector on the rear of the ice maker. Make sure it is tighten.

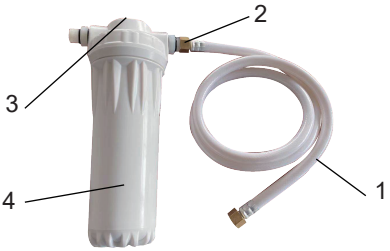
10. Insert the other end of the drain pipe into drainage pipeline.

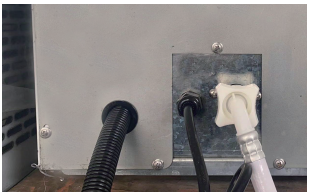
Notice: Never to bend the drain pipe upwards to make sure the water drain pipe has a good drainage.you can cut out some of the pipes if the drain pipe is too long.

11. Prepare for the water inlet unit which with the water filter:

11.1 Make sure the water tap is with 3/4" out side screw.

11.2 Full press the fast connector into pipes of the water filter, below pictures is for your reference:





for water pipe connecting reference

1.water pipe; 2.fast connector; 3.filter in or out pipe; 4.water filter;

12.Connect one end of the Water Inlet Tube to the 3/4" screw type connector of the water tap so as to get the drinkable tap water. Be sure to put sealing washers in both ends of the water inlet tube before connecting.

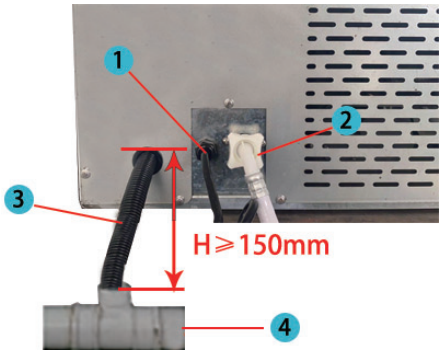
13. Connect the other end of the inlet tube to the water inlet connector of machine.

14.Check the water leak: After finishing above water pipe connecting, please open the water tape to check the water inlet pipe, make sure it has no any water leak.

15.Check the water drainage: make sure the power socket is with a correct power supply which indicated on the product nameplate, then connect the power plug of device to a grounded single power socket, full open the water tape and switch on the power switch on the machine, the cooling system will work on, the water will push through the cooling condenser, please check the water drainage pipe for more then one minutes, make sure it has no water leaking, it has no water full out from your water drainage pipeline.(if the machine is not water cooling system, it is by air cooling system, please pour some water into the ice storage bin to check the water drain pipe, the water should be drained away from the bin)

SPECIAL GUIDENCE FOR WATER DRAINAGE PIPE CONNECTING.

1. Please refer to following picture when you connecting the water drainage pipe.
   The correct connecting show as the below picture:



Keep the drain connector 150mm above the floor drain(5)

①: Power cable; ②: Water inlet connector;
③: Water drainage pipe; ④Floor drain;

Disposal

The symbol  on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to be applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the product, For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service of the shop where you purchased the product.

Cleaning and Maintenance

- Always switch off and disconnect the power supply before cleaning.
- Warm, soapy water is recommended for cleaning. Cleaning agents may leave harmful residues. DO NOT wash the base unit, instead wipe the exterior with a damp cloth.
- Check regularly the connectors of the water inlet and outlet tubes and drain the little surplus water that may leak.
- If the ice make will be unused for a long period, please switch off the power switch and wipe the inner liner of the ice storage container with a clean rag.
- When plugging or unplugging, the plug should be held by hand and the wires should not be dragged heavily.
- Clean water tank if they have not been used for 48 h; flush the water system connected to a water supply if water has not been drawn for 5 days.

Operation

Notice:The product must be standing static for less than 24 hours before before being switched on!

Note: If using the ice maker for the first time (or after a period of inactivity) please discard the first two batches of ice. Then cleans the internal systems of the ice maker.

1. Connect the device to a grounded single power socket.

Notice: Must check the rated current which is marked on the nameplate. The wires connecting in the power socket cross section area (mm^2)must conformity by follow list:

2. Press the Power switch to the ON position [I]. The Switch light illuminates and the appliance start to work. The first 5 minutes is used for the self-inspection of the ice maker. Then it will begins the ice making process.

3. As soon as the ice storage cabinet is full, the "ICE FULL" indicator on the display panel will light on and the ice maker will stop automatically. Production resumes once ice has been removed from the cabinet.

4. If water supply is insufficient, the "WATER LOW" indicator will light on and the ice maker will stop operation automatically.

5. If any error or failure occurs, the "FAULT" indicator will light on and the ice production stops.

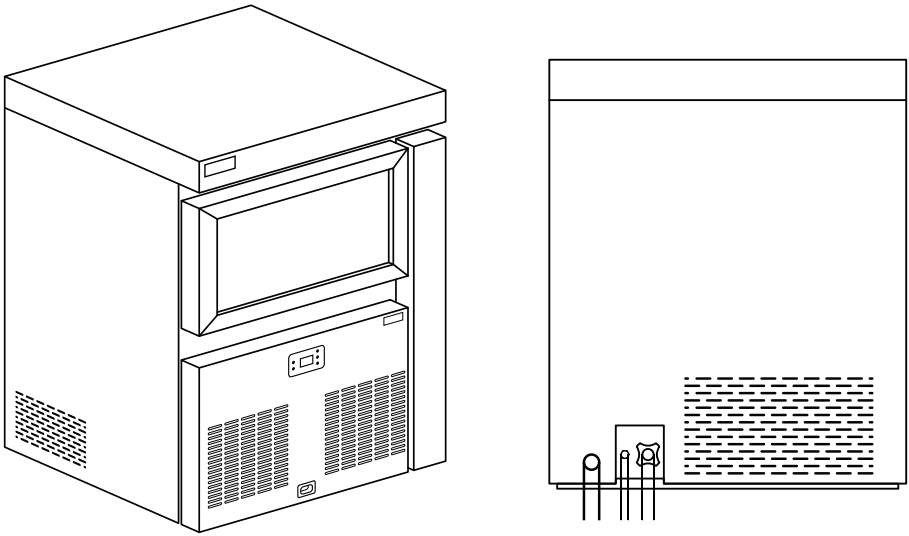
6. Switch off the device and disconnect it from power supply (Pull the power plug!), when it is not in use.

7. Do not switch on the device immediately after it stops automatically (caused by insufficient water supply, ice storage cabinet too full, current interruption). Wait at least 3-5 minutes before restart it in order to avoid damages of the compressor.

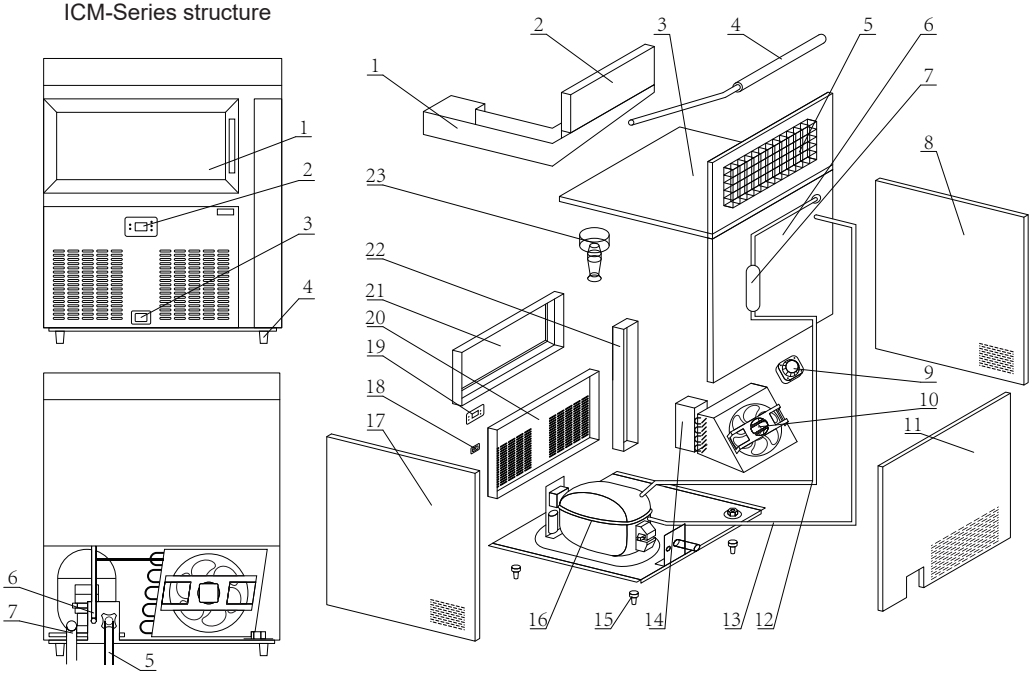
NOTE: If the device is not used for a longer period of time, drain the water from the water tank via the drain screw at the back of the device (some model no drain screw).Wipe dry the water tank using a dry cloth.

Structure

ICM-Series structure



ICM-Series structure



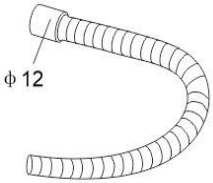
1.Plastic door; 2.Operation panel; 3.Power switch; 4.Foot;

5.Water Inlet connector; 6.Power cord; 7.Drain pipe

Accessory



Water inlet tube (3/4" inner screw)
With Water filter.



Draining tube



Ice spoon

VEVOR®

Control Panel



Main technical Parameters

(tested under the conditions of ambient temperature 38℃ and water temperature 32℃)

Model	Power Supply	Power(W)	Net weight(kg)	Dimension WxDxH(mm)
ICM-150P	110V/60Hz	750	60	700x700x800
ICM-270P	110V/60Hz	750	62	700x700x800

Troubleshooting

(for reference of users and technicians)

Note: If any trouble occurs, please wait till the machine stop automatically; Follow list will be helpful for you to know the machine troubles, but only authority person can open and check or repair the machine!

• This ice maker has an advantage self-checking function, every fault will be displayed in the display panel with the different lights flash.

• Don't move the machine when it's working

IV:Fault Codes and Handling Measures:

Fault Code SMG	Fault Phenomenon	Analysis of Causes	Treatment Measure
E01	Skateboard or ice-filled switch malfunction	1 Skateboard vacancy 2 Polarity reversal of magnetic induction elements 3 Abnormal ice-filled switch	Inspection & Repair
E02	Ice-making time exceeds the maximum set time for 10 consecutive ice-making times, resulting in a timeout ice-making fault	Could be high ambient temperature or poor condensation or refrigerant leakage or insufficient water	Check for leaks in the condensing cooling system or refrigeration system, for leaks in the pool and for drain holes
E03	Deicing time exceeds the maximum set time for three consecutive times, resulting in a timeout deicing fault (Timeout indicator light on)	It may be that the heating valve fails or the condensation temperature is too low or the ice is too thin or the water is too small	Check heating valve circuit or ice thickness detector or inlet system
E04	High temperature fault (High temperature indicator light on)	High ambient temperature or damaged fan or dirty condenser	Check related components
E05	Water scarcity fault (water shortage indicator light on)	No water, low water pressure, broken inlet valve, water leakage	Check related components
E06	Pressure overrun	Excessive condensation temperature or blockage of refrigeration system	Check system pressure or cooling system
E07	Open circuit fault of condensing temperature sensor	Sensor damage or connector problem	Check related components
E08	Short circuit fault of condensing temperature sensor	Sensor damage or connector problem	Check related components
E09	Open circuit fault of evaporation temperature sensor	Sensor damage or connector problem	Check related components
E10	Short circuit fault of evaporation temperature sensor	Sensor damage or connector problem	Check related components
E11	Poor refrigeration	1 Condensate temperature	Check related components

		sensor damaged 2 Circulating water pump not working 3 Compressor not working or poor refrigeration	

Circuit Diagram.

ICM-Series:

