

***Rohnson***<sup>®</sup>

Instruction Manual

**ICE MAKER**

**R-40112**

For proper operation, please read the following instructions carefully before using the device. Improper use can cause personal injury and electrical damage.

## PRODUCT INTRODUCTION

### Product feature

#### ■ Fast making ice

Adopting compressor refrigerating technology , ice maker produce bullet efficiently.

#### ■ Environment protection

R600a refrigerants and cyclopentane vesicants are hydrocarbons that do not destroy the ozone layer or produce a greenhouse effect.

#### ■ Status notes

Low water warning and waning for full storage box-remove ice to continue process.

#### ■ Transparent window

The ice making process can be viewed through the transparent window.

#### ■ Usage occasion

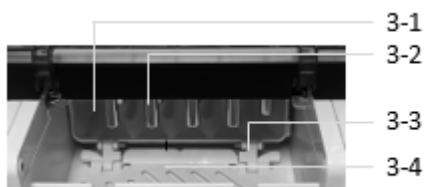
This appliance is intended to be used in house hold and similar applications such as:

- 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.

### List of Main Parts

It is only sketch map for this manual, some feature or parts maybe different with your machine, please refer to the product .

- |                                   |                        |
|-----------------------------------|------------------------|
| 1 Transparent door (cover)        | 2 Photoelectric sensor |
| 3 Ice making room                 | 4 Storage room         |
| 5 Ventilation grille (air inlet)  | 6 Box body             |
| 7 Ice shovel                      | 8 operation panel      |
| 9 Ventilation grille (air outlet) | 10 Power cord          |



◇ Ice making room

3-1 ice maker box

3-2 evaporator

3-3 connecting rod

3-4 ice shovel plate

#### ◇ Storage room

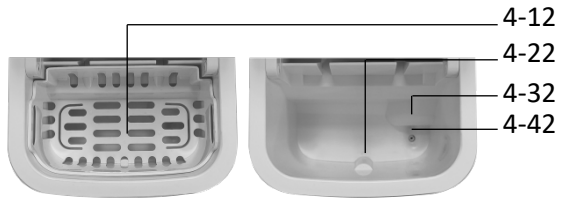
The storeroom is divided into two parts, the upper part is ice storage area and the lower part is water storage area.

4-1 ice storage basket

4-2 water max mark

4-3 water circula


4-4 drain plug





#### General Safety Warnings


- 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 should be watched carefully to ensure that they do not play and climb the ice machine, and do not let anyone climb, sit, stand or lean on the door (cover) of the ice machine, in order to prevent personal injury and damage to the ice machine.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- All parts should be replaced with the same parts and should be repaired by factory authorized maintenance personnel to minimize the risk of fire caused by incorrect parts or improper repairs.


- When unplugging the power plug, do not pull the power cord directly to prevent it from breaking.
- When repairing or cleaning the ice maker, the power plug must be unplugged.
- The ice maker is mainly used for making and storing ice for a short time, not for cooling or storing other food and drinks.
- Only drinking water can be injected to make ice, otherwise it will cause personal injury and product damage.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.


 Danger: Do not store or use inflammable articles, such as gas, paint, gasoline, etc. near the ice maker, and do not put inflammable and explosive articles, such as alcohol, gasoline, etc. in the ice maker to prevent explosion and fire.

 Danger: Do not place the ice maker in a damp, spattered area.

 Warning: this product is only suitable for making and storing ice cubes. It is not used for other purposes, such as storing blood and products, medicines, biological products, chemicals and technical data.

 Warning: Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.


 Warning: The top of the ice maker should not be placed and used microwave oven, electric plate pot, voltage regulator and other electrical devices, also should not be placed on the top of the ice maker heavy objects and liquid containers, in order to prevent people from falling or liquid overflow caused by leakage of electricity caused by electric shock and fire

 Warning: In case of flammable gas leakage, close the valve of the leakage source and try to drain the indoor air. Do not unplug appliance power sockets and operate the ice maker in case of fire.



Warning: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.


Warning: Do not damage the refrigerant circuit. Risk of fire / flammable materials, taking care to avoid causing a fire by igniting flammable material.


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

- Please according to local regulations regarding disposal of the appliance for its flammable blowing gas.

## Handing and Placing

### ■ Handing

 Do not hold the door (cover) to move the ice maker, lift it from the lift structure or bottom of the product design.


 Do not lift or turn the ice maker upside down.


### ■ Placing

◇ The ice maker must be placed on a smooth, horizontal surface, otherwise it will be dangerous to the user.

◇ The ice maker should be placed in a dry, ventilated place with free flowing air. In order to avoid overheating, affect the ice making machine use effect and prevent the occurrence of hazards, the ice making machine ventilation grid to retain more than 20cm around the space, the top to retain more than 30cm space.

◇ Do not cover or block the ice maker's grille, and keep away from curtains and other flammable materials. Avoid direct exposure to heat or sunlight.

 Warning: When positioning the appliance, ensure the supply cord is not trapped or damaged. Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

 Warning: Ice machine must not be installed in corridors or corridors of public buildings.

### **Electrical connection**

- Power supply: The ice maker is powered by alternating current (see product nameplate for specific power supply specifications), and the allowable voltage fluctuation range is  $\pm 10\%$
- To ensure safe use, the socket and its connecting wire must be able to withstand more than 10A current.
- Be sure to use a separate three-core power outlet with a reliable grounding wire.

### **USING**

#### **Preparation before use**

- Clean the machine and its components before use.
- The appliance needs to sit down for 30 minutes after moving, before switching the power on. Failure to follow this instruction might cause damage to your Ice Maker.
- Pour the water into water storage box (Only allow the water conformed to drinking standard).
- cleaning inner.


#### **Start using**

- Refer to the instructions for electrical connection. Plug in and turn on the power.
- Follow the water injection and drainage instructions.
- Refer to the instructions of the operation panel and function Settings for setting and starting up.

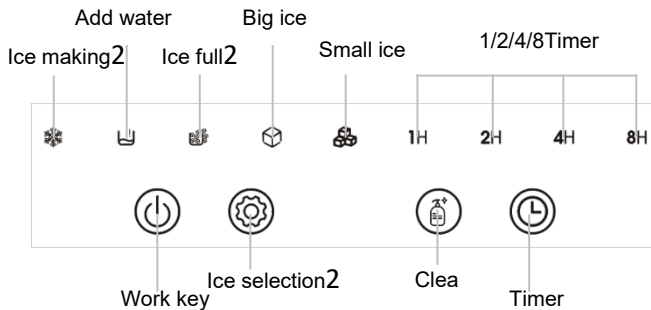


If the ice machine has been moved, please stop for 30 minutes before starting to make ice, otherwise the refrigeration effect will be affected and the refrigeration system will be seriously damaged.

Please make sure the plug is firmly connected. Loose plugs can cause wires and sockets to heat up, break, and even catch fire.

 Please ensure that the product ventilation grille and surrounding obstacles, ensure that the product ventilation.

### Operation panel and function



#### ■ standby mode

- Turn on the power, the ice making icon flashes, and the machine enters standby mode.

#### ■ Ice making mode

- In standby mode, press the work button briefly, the ice making icon will stay on, and the machine will enter ice making mode.
- During the ice making process, short press the work button to stop ice making and enter standby mode.



### ■ Work key flushing (cleaning) mode

- In standby mode, press the cleaning key, the cleaning key blinks, the working key lights up, and the machine enters the flushing mode.
- The flushing process is about 10 minutes, after the end, the standby mode is automatically entered.
- During the flushing process, press the work key or the cleaning key to exit the flushing mode.

### ■ Ice Full Reminder Mode

- During the ice making process, when the ice blocks the signal transmission from the photoelectric sensor, the ice full icon will stay on and automatically enter the ice full reminder mode.
- When the ice melts or is manually removed and the photoelectric sensor signal transmission is restored, ice making will automatically resume.
- When in ice full reminder mode, short press the work button to enter standby mode.
  - ◇ When there is no ice or other foreign object blocking the signal transmission of the photoelectric sensor, but it still indicates that the ice is full, it indicates that the photoelectric sensor is faulty. At this time, if you need to make ice, you can press and hold the work button for 5 seconds to perform forced ice making. At this time, the ice full icon will flash; After making up to 10 rounds of ice cubes, stop making ice and enter ice full reminder mode.

### ■ Water shortage reminder mode

- During the operation of ice making and flushing mode, when the water volume in the storage room is too low or the water box is not filled with water, the water adding icon will be displayed and the water shortage reminder mode will be automatically entered.
- If there is a shortage of water during ice making, it will automatically enter ice making mode after 20 minutes.

- If there is a shortage of water during flushing mode, it will automatically enter standby mode after 5 minutes.
- Short press the work button in water shortage reminder mode to enter standby mode.

#### ■ Ice box not reset reminder mode

- During the operation of the ice making and flushing modes, if the ice box fails to reach the water filling or de icing position within 2 minutes, the water and ice filling icons will be displayed, and the ice box will automatically enter the non reset reminder mode.
- If there is an ice making box not reset reminder during ice making mode, it will automatically enter ice making mode after 20 minutes.
- If there is a reminder that the ice maker has not been reset during flushing mode, it will automatically enter standby mode after 5 minutes.
- During the process of not resetting the ice maker reminder mode, short press the work button to enter standby mode.

#### ■ Timer mode

- In standby mode, press the Reservation key. When the reservation key lights up and the timing icon blinks, you can press the reservation key to set the countdown reservation time.
- Countdown booking ice time is up to 15 hours and up to 1 hour (time is the cumulative value of the timer icon).
- When the timing icon is no longer blinking and the reservation button is blinking, the reservation function is enabled. After the timing is over, ice making starts.
- When the reservation function is enabled, press the Work or Reservation key to exit the reservation mode and enter the standby mode.

- ◇ Every time you press the button, you will make a beep sound; When there is a reminder of full ice, water shortage, and the ice box is not reset, it will sound "beep".

### **Water injection and drainage**

#### ■ Water injection

- Water injection is required when the water volume in the storage area is lower than the minimum water level mark or water .
- Drinking water should be manually injected into the storage area.
- Each water injection shall keep the water volume between the maximum and minimum water level marks not exceed the maximum water level marks.

- ◇ Warning: fill with potable water only.

#### ■ Drainage

- When the water in the storage area is polluted or the inner wall of the storage area needs to be cleaned, drainage shall be carried out.
- Remove the power plug before draining the water.
- Move the ice maker so that the water outlet is in a position suitable for manual operation and drainage.
- Unscrew the drain nut and remove the plug, the water will flow out automatically.
- After draining, plug the plug immediately and tighten the drain nut.

- ◇ When injecting water or draining water, ensure that no water is injected or splashed onto the live parts of the appliance to avoid danger.
- ◇ When used again after draining, check whether there is leakage at the drain outlet to ensure that there is no leakage to continue to use.

### **Kindly reminder**

- When the ice - making mode is on, avoid reaching into the ice - making area to prevent danger.
- The design of the ice box is not reset reminder mode is a protective function. In general:
  - When there is ice or foreign body around the outside of the ice box to block the rotation of the ice box, it is only necessary to manually remove the ice or foreign body.
  - When the ice on the icicle greatly affects the rotation of the water box, it is necessary to wait for the ice to melt naturally before using. It is not allowed to forcibly remove the ice on the icicle.
- To avoid contamination of food, please follow the following instructions:
  - Opening the door (cover) for a long time can cause a significant increase in the temperature of the ice maker storage room.
  - Regularly clean surfaces that may come in contact with food and accessible drainage systems; Clean the water tank if it has not been used for 48 hours; If water is in the tank for more than 5 days, flush the water circulation system connected to the water supply system.
  - If the ice maker is empty for a long period of time, close, defrost, clean, dry, and keep the door (cover) open to prevent mold from forming inside the ice maker.

## Cleaning and maintains

### Cleaning


- Precautions for storage room and external cleaning:
  - You must unplug the plug before cleaning.
  - When cleaning, ensure that water does not enter the live area.
  - Use a soft towel dipped in warm water or a neutral cleaner to scrub the inside and outside surfaces of the ice maker.
  - Do not scrub with a cleaner that contains an abrasive (such as toothpaste), an acid, a chemical solvent (such as alcohol), or a polish.
  - Do not rinse with water.
- Inner cleaning
  - Refer to the water injection, add the water mixed with 50% vinegar.
  - Open the washing mode.
  - After the washing mode end, refer to the drainage to expel the fluid.
- Circling the process of add water-drainage- washing, until the water expelled is clean.

### **Maintains**

- The ice maker should be put at the place where is dry and ventilated to prevent the machine from the heat source and sunshine.
- The over-temperature water should be cooled down to indoor temperature for ice-making.
- Reduce the time of keeping the door/cover open.
- Clear the ventilating grill at regular time.

### Other attentions

- Turn off, stop using
  - Take out the plug if you want to turn off the machine.
  - If the machine will stop using for a long time, please work as these steps: cleaning, turn off the machine, and leave a little gap between the door and the machine.

 **ATTENTION: IF YOU DECIDE NOT TO USE THE ICE MAKER ANY MORE, THE STORAGE COULD NOT STOGE ANY FOOD.**

### Analysis and elimination of non - fault phenomenon

- Condensation appears on the outer surface of the ice machine
  - When the air humidity is high, this phenomenon will occur, just wipe it with dry cloth.
- Obvious different size of ice cube
  - Stop and restart, try several times. The cooling system is not stable at first several rounds.
  - The ambient temperature is too low.
- Ice cube too small
  - Ambient temperature is too high or the water temperature is too high.
- Strange noise (“si-si” “hu-hu” “di-da” “wu-wu”)
  - When the cooling system is working, the freezing medium flowing in the tube will cause the noise of “si-si”
  - When the cooling system is working, the wind fan will cause the noise of “hu-hu”.

- When the water box arrives at the deice place, it will cause the noise of “di-da” by turning on/off the solenoid valve.
- When it is watering to the inner box, it will cause the noise of “wu-wu”.

### Analysis and elimination of special phenomena

phenomenon	Possible reasons	processing method
No display on the operation panel and no prompt sound when pressing keys	The power plug is not properly plugged in; Power outage; There is a malfunction in the electronic control system;	Insert the power socket properly; Check if there is a power outage; Professional personnel are needed to inspect and repair the electronic control system;
Leakage	The drain plug is not tightly plugged; Excessive water injection exceeding the position of the ice box, poor connection or damage to the internal water circulation pipeline;	Stuff the plug properly; Eliminate excessive water and require professional personnel to inspect and repair internal water circulation pipelines;
There is water in the storage area, prompt to add water	Insufficient water; Blockage of the circulating water outlet in the water storage area; Internal water circulation and its detection system malfunction;	Add water according to the instructions for water injection; Remove foreign objects from the circulating water outlet in the water storage area; Professional personnel are needed to inspect and repair the internal water circulation and its detection system;
There is no ice or a small amount of ice in the ice storage area, indicating that the ice is full	Ice or foreign objects block the transmission of photoelectric sensor signals; Strong light irradiation; Photoelectric sensor malfunction;	Remove ice and foreign objects; Remove strong light sources or place them in appropriate positions; Professional personnel are needed to inspect and replace the photoelectric sensor;
Unable to eliminate ice box not reset reminder mode	Ice box and its internal transmission mechanism, detection system malfunction;	Professional personnel are needed for inspection and maintenance;
The ice making mode operates normally,	The refrigeration system is not running stably; Ventilation grille	Continuous observation; Remove items near the ventilation grille and clean up

without making ice or producing a small amount of ice	blockage; Fan not working or refrigeration system malfunction;	accumulated dust; Professional personnel are needed for inspection and maintenance;
Difficulty or inability to detach ice cubes	The ambient temperature is too low; Ice cubes falling into the ice box caused the ice cubes to be too large when making ice again; Refrigeration system and its control system malfunction;	Place in a suitable environment; Follow the warm prompts to operate; Professional personnel are needed for inspection and maintenance;
abnormal noise	Resonance; Internal movement and noise from control devices;	When making ice, the internal electric components will vibrate during operation, ensuring that there are no other items near the ice maker that are affected by vibration, causing product resonance and generating noise; Professional personnel are required for inspection and maintenance.
Missing display icon	Button board malfunction	Professional personnel are needed to inspect and replace the operation panel;



### IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2012/19/EU.

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection center or to a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health, deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.