

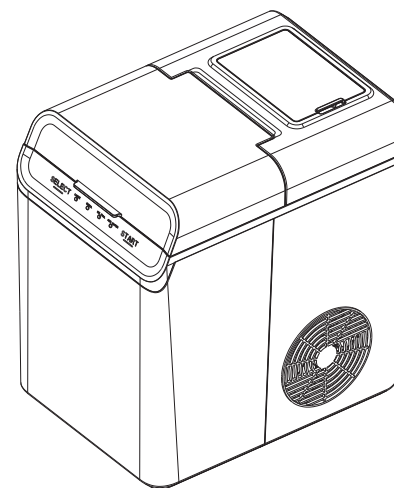
Technical Parameters

Product name	Household ice maker
Product model	IC1503
Rated voltage	115V
Rated frequency	60Hz
Water storage	Around4.0L
Ice storage	1.0kg
Ice making time	19 mins
Ice making capacity/24hr	15kg
Climate type	SN N ST
Rated current	1.7A
Refrigerant/g	R600a/28g
Insulation type	EPS
Product size mm	360*255*380mm
Package size mm	430*320*440mm
GW/NW	10.5/9.2kg

1. The product specification and appearances may change due to improvement of quality.
2. The spare parts apart from the main machine is consumables, when they are missing or need replacement, please contact your supplier.
3. The data above are for general reference only , they will vary due to season ,using environment and situation and temperature conditions.

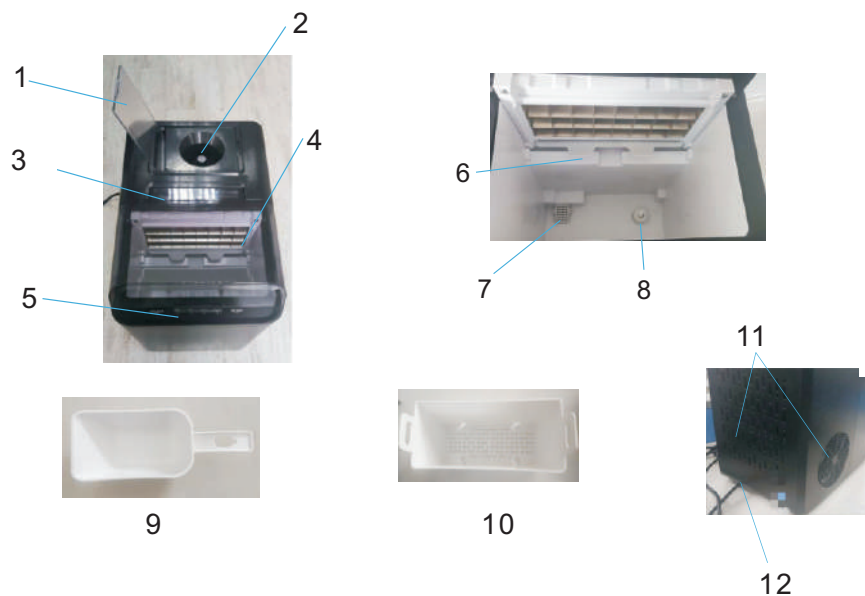
VECYS®

MANUAL FOR HOUSEHOLD ICE MAKERS



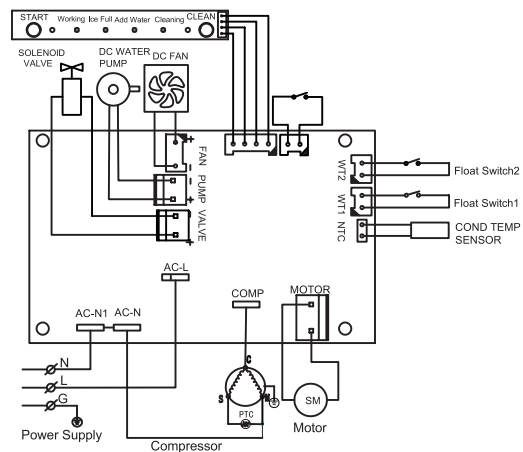
Model No.IC1503

Part name

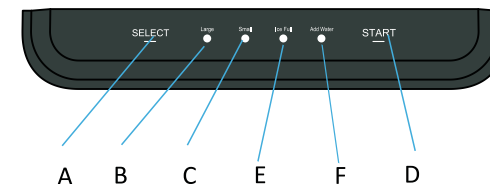


NO.	NAME	NO.	NAME
1	Transparent window lid	7	Water filter cover
2	Smart Seat back	8	Float switch
3	Back	9	ice scoop
4	front lid	10	Ice storage basket
5	control panel	11	air outlet
6	Ice deflector	12	Power cord

CIRCUIT DIAGRAM



- A SELEGT
- B Large
- C Small
- D START button
- E Ice Full
- F Add Water



Attention

- 1.After receiving the machine ,please leave it alone for over 24 hours and then start up the machine.
- 2.When adding water to the water storage tank, please be sure to confirm The drainage silicone under the rear of the host has been plugged.
- 3.Do not use water containing impurities or with solid particles, pure water is recommended.

Open the package

1. Remove all the external and internal packages and check if all parts are inside.
- 2.Take out the ice storage bucket and wash it in ambient clean water and then use some ambient clean water to wash the water tank.
- 3.Cleaning the evaporator with water or alcohol.
- 4.Please keep the ice maker away from direct sunlight, heat or radiation. Place the ice maker horizontally and make sure there is at 15cm gap between the sides and rear.
5. The ice maker should be placed in a suitable socket for power supply.

The ice maker is power on

Attention

The wrong use a ground wire can have the risk of electric shock.

- 1 Do not connect the power cord to the socket with wet hands, otherwise electric shock may occur.
2. For your safety, the ice maker must use a reliable grounding power supply.
3. The machine needs standard 220V/50Hz/10A power supply with grounding.

Ice maker cleaning

Before using the ice maker, cleaning the entire machine thoroughly is strongly recommended.

1. Move the rear housing of the host to the drainage slot and open the drainage silicone at the bottom left of the rear housing for drainage.
2. After diluting the soft cloth with neutral cleaner, clean the water tank and external part of the machine.
3. Rinse the interior with clean water.
4. Install the drainage silicone on the lower left side of the machine and confirm that it is in place.

1. Do not use chemicals, such as alcohol
2. Do not use steel ball, hard brush and other tools to clean the surface of the product.
3. Do not expose product's power line and packaging accessories to the sun.
4. Do not tilt the machine to over degrees or turn it upside down, otherwise the cooling system may not work properly.
5. The machine is not been used for a long time, the water inside the water tank should be drained and the water tank should be wiped.

Use the ice maker(indoor)

1. Power on for the first time, enter standby mode, and the ice indicator light lights up and stops for one second. Short press the "START" key on the control panel (The default ice indicator light is always on) to start ice making. At this time, you can touch the "big / small ice" button, the corresponding big ice indicator light or small ice indicator light is on, and the second molded ice starts to perform the big ice or small ice function.
2. The duration of the first ice making countdown cycle is about 22 minutes, depending on the temperature of the room. The size of ice cubes is also related to water temperature and ambient temperature. Every time the normal water temperature is above 5 °C, the ice making timing program starts and enters the timing of ice making time. When the water temperature reaches 5 °C, the ice making timing is turned off and the countdown ice making program begins. The normal ice making time is about 19 minutes.
3. After the ice maker starts, at the same time, the solenoid valve is activated to replenish water to the lower water tank on the inner tank. When the float on the float switch reaches the highest water level, ice making begins. After 40 seconds, the water pump starts working, stopping for 1 second after 3 seconds of operation, stopping for 1 second after 3 seconds of operation, and then continuously pumping water; If the float on the float switch does not reach the highest water level or there is no water in the lower water tank on the inner tank, it enters a water shortage state, and the water shortage indicator light is "constantly on". Short press the "SATER" button for 2 seconds to exit the water shortage alarm and enter standby mode.
4. If the ice in the ice storage basket is full, the ice maker will automatically stop ice making, and the ice full indicator will always on. When the position of the ice block is lower than the ice deflector and the ice deflector is reset, the machine will work again.

5. Stop/cancel ice making. To stop or cancel ice making, short press the 'START' button for 2 seconds to stop ice making. And will be in standby mode.
6. It is recommended to change water once every 24 hours to keep the water clean. If the ice maker is not used for a long time, please drain the water inside the water tank and wipe the water tank, at the same time, please also cut off the power supply and pull the plug out of the socket.

Self- cleaning function

In standby mode, press and hold the "SELECT" button for 2 seconds, and the LARGE and SMALL indicator lights will flash alternately, and the cleaning function will be turned on. The water pump will immediately start continuously pumping water. Before the water pump pumps water, the water level float is in a closed state. During the pumping process, it is detected that the water level float is disconnected, and the water pump does not stop or replenish water. The water pump continues to pump water until the cleaning function is turned off; The water pump stops working. The cleaning function is automatically turned off and switched to standby mode after continuous operation for 10 minutes, starting from the timing when the water level float is closed.

Short press the "SELECT" button for 2 seconds during the cleaning process to automatically exit the cleaning program and switch to standby mode.

Forced deicing function

Long press and hold the "START" button for 5 seconds, the deicing operation will start, and the ICE FULL and ADD WATER indicator lights will flash alternately, and after the deicing timer is completed for 5 minutes, the proximity switch has not yet been disconnected. The first time it returns to the ice making state normally, the second time it returns to the ice making state normally, and the third time it enters the standby state. Handle the deicing exception (both large and small ice indicator lights remain on).

During the ice making process, press and hold "START" for 5 seconds to enter the forced deicing state (5 minutes).

The cleaning function can only be activated by pressing the button after the ice making function is turned off (in standby mode).



Long press and hold "START" in standby mode (5 seconds) to enter the forced deicing state. The compressor starts working for 3 minutes and begins forced deicing (5 minutes). The ice is full and the water shortage flashes alternately.

Safety Precautions




Please read the safety instructions carefully before use and use it correctly.

The safety precautions listed here are important matters related to safety, please follow them, The signs and meanings are shown as below.




sign instructions









Sign	Meaning of the sign
 WARNING	It means if do not operate properly , it may cause death or serious harmful personal injuries.
 ATTENTION	It means if do not operate properly , it may cause death or harmful personal injuries or item loss.











Signs







Sign	Meaning of sign
	It means prohibited(prohibited behaviour). Specific prohibited contents are in the sign or icons , instructions and statements near the sign .
	It means enforced actions(must be enforced). Specific actions are shown in the sign or in the icons , instructions and statements near the sign.
	It means matters needs to pay attention to. Specific actions are shown in the sign or in the figures , instructions and statements near the sign.

WARNINGS

	Sign	Meaning of sign
1		Do not disassemble, repair, or modify, as it may cause fire, electric shock, and accidents. For repair matters, please contact the dealer or customer service center to designate a repair provider for repair.
2		Before doing daily maintenance, please pull the plug out of the socket, disconnect the power supply first, otherwise it may cause electric shock and short circuit.
3		Please hold the insulated part of the power plug in the front section and pull out the power plug. Do not pull the wire, otherwise, the power cord may break or catch fire.

	Sign	Meaning of sign
4		Please wipe the dust on the power plug frequently, otherwise fire may occur due to poor insulation. Please pull out the power plug and wipe it clean with dry cloth.
5		Do not use wet hands to plug and unplug the power supply , otherwise it may cause electric shock , burn or other injuries.
6		If not using it for a long time , please pull out the power plug after cutting off the power supply and drain the remaining water from the drainage outlet and store it in dry condition inside.
7		Do not immerse the machine in water or use it in bathroom or where the machine may be splashed with water , otherwise it may cause short circuit or electric shock.
8		When the ice maker starts or stops , start the relay, thermal protector and other electric parts will have click sound because of the actions, when the refrigerant flows in the pipe, there will be flowing sound, during ice making, when the machine is releasing the ice, the system will have click sound , these are all normal phenomena, not malfunction.
9		1. In case of abnormality or failures, please stop using immediately, otherwise it may cause smoke, fire and electric shock , please cut off the power supply and pull the power plug out of the plug, and then please contact the supplier and be repaired by designated maintenance service provider. 2. Otherwise, it may cause smoke, fire and electric shock. Please cut off the power supply of the host immediately, pull the power plug out of the socket, and then contact the dealer or customer service center to designate a repairer for repair.
10		1. When placing the machine , please leave plenty of space for it, otherwise the refrigerant may leak and stay , this may lead to fire or serious accidents.
11		1. Do not use it in unstable positions, otherwise injuries and faults may occur due to falling or topping. it may fall or toppling . 2. Please pay special attention: when placing the machine , do not put it stand out of the platform.

	Sign	Meaning of sign
12		1. Do not damage the power cord or plug(Do not scratch, process the power cord and plug , do not approach heater,do not bend,twist forcibly,pull it hard or place the weight on it). 2. Use damaged power cord and plug may lead to electric shock ,short circuit and fire.
13		1.Do not use damaged power plug or loose socket, otherwise it may lead to electric shock or fire due to heat.
14		1. Do not exceed the rated standard of the socket(above 10A),applicable voltage is 187V-242V,frequency is 50Hz/60Hz, and please make sure there is reliable grounding. 2.If the voltage exceeds the limit, it may heat, cause fire and electric shock.
15		Please use separate socket for the machine, do not share one socket for multiple electric appliances, otherwise it may lead to electric shock , short circuit and fire.
16		Please plug the plug into the socket completely, if not , it may lead to electric shock or fire due to heat.
17		1.Do not damage the cooling circuit(piping) 2.If refrigerant leaks, it may lead to fire or serious accidents,meanwhile causing the machine not to function properly.
18		Do not let the children use the product and please do not use it in positions where is accessible by children, otherwise it may lead to burn, electric shock and injuries.
19		If power cord is damaged, it must be replaced by professionals in the manufacturer' s maintenance department or similar department to avoid danger.
20		Do not extend hands into the mechanical parts at the back side of the machine ,otherwise it may lead to burn or injuries caused by heat parts, which may also cause damage to the machine.
21		When repairing the product: do not tilt the machine over 45 degrees or turn it upside down, otherwise the compressor and cooling system may not work properly.

	Sign	Meaning of sign
22		Do not use it in places with hot objects or dirty air . Please keep it in a well ventilated , cool and dry place where the height of water level can be ensured.To ensure the air circulation , please keep the machine away from the walls or furniture for at least over 15 cms.
23		When using the machine ,please wash the water tank and ice storage bucket frequently.
24		To ensure the ice quality , please check and wash the machine frequently, before using the machine, please replace with new water source.
25		Please do not exceed the maximum water level mark on the upper water tank when adding water. Please use black PP material for the smart seat. The maximum water level needs to be carefully checked. It is recommended to add water at a level 5-10mm below the maximum water level mark on the upper water tank.
26		Do not contact the ice making parts when the product is working . In addition, do not open the lid for use, otherwise failure may occur due to the leakage of the refrigerant which reduces ice making capacity or mix with dust.
27		When doing daily maintenance, do not remove internal sensors and touch parts forcibly, otherwise it may lead to failure or accidents.

Attention

1. When using it for the first time or not use it for a long time, please flush the water tank and drain water from the drainage outlet. As there may be smell or dust, please dispose the ices from the first 2 cycles of ice production.
2. When connect to the power supply initially , the ice size produced may be relatively small, this is not malfunction.
3. To keep the ice maker clean and hygienic ,daily management and check are very important.After the ice maker is used for a long time ,due to the change of temperature, water quality and other use environment and aging of the product, there may be scale, mold and rust mixed into the ice.Please pay attention to the daily maintenance of the water tank and keep it clean.
4. Take the machine from the package, check if there is tiny dust in the water tank and ice bucket before use.
- 5.Please do not use water or other liquids with impurities or containing solid particles.

- 6.The ice may have smell due to water quality. The ice from first time production after purchase may have an odor , this is not fault. After using it for several times, the smell will disappear. If you mind the smell, it is suggested to use ice maker cleaner or citric acid to clean it .It is suggested not to be consume odorous ice to avoid discomfort or other illnesses.
- 7.To ensure ice quality , please replace water frequently. After diluting the neutral cleaner with water , use soft cloth or sponge to clean the interior and exterior of the product.
- 8.If not using it for a long time, please pull out the plug out of the socket after cutting off the power supply of the machine and drain the remaining water from the drainage outlet, and keep the machine in a dry internal condition.

Non-Fault Descriptions

Situation	Reason
When the ice maker starts for the first time, 40 seconds after the compressor starts, the water pump starts working, stops for 1 second after 3 seconds of operation, stops for 1 second after 3 seconds of operation, and then continues to pump water.	1.This is to exhaust the air from the water suction pipe to prevent it produce water without water. 2.Prefabricate the compressor for cooling, protect the compressor, and extend its service life.
When the machine is in the ice making process, the ice deflector tilts downwards, and the machine will make ice normally. After completing the ice making once, the ice deflector still tilts downwards to display full ice.	This phenomenon is to eliminate the illusion of full ice caused by misjudgment of the downward tilt of the ice deflector.

Failure analysis and handling

Failure	Cause	Solution
Power indication light is not on .	The power plug is not plugged well or there is no electricity in the socket.	Plug the power plug correctly into the socket and make sure it is connected separately.

Failure	Cause	Solution
The machine has abnormal noise	1. The machine is not stably 2. The voltage is too low 3.The fan has foreign body	1.Please install the product in a flat position. 2.Please cut off the power supply and check if there is problem with voltage 3.First please cut off the power supply and then check if there is foreign body in the fan.
On the operation panel,the red ice full indication light is on,but there is no ice in the ice box	1.The ice deflector is not installed in place 2.The proximity switch is damaged 3.The circuit board is damaged	1. Please cut off the power supply of this product and adjust the ice deflector to the maximum upward tilt. 2.Please stop using this product and contact the dealer or customer service center to designate a repairman for repair.
The lack indication is on on the operation panel, but there is plenty of water in the tank	1. Maybe the pump is broken. 2.The water supply system is blocked by impurities	Please stop using the product and contact your supplier and repair it in designated repair service provider
Ice is mixed with impurities	There are impurities in the water tank	Please rinse the interior of the water tank
The ice has odor	Due to water quality or the ice produced first time after purchase	After using it several times, the odor will disappear
“Lack” indication light is on	1. Lack of water 2. The bottom of the water tank is blocke	1. Stop ice making, add water and press “START” to start ice making again 2.clean

"Ice Full" indication light is on.	1. There are too many ice in the ice bucket. 2. The ice full sensor is broken, there is no ice, but the "Full" indication light is on.	1. Take the ice from the ice bucket 2. Please stop using the product and contact your supplier and repair it by designated repair service provider
Defects in ice cubes	Uneven water flow in front of the water baffle	Use a clean tissue to guide the water flow evenly.
Continuous ice making phenomenon on the evaporator	After the ice making process is completed, de icing is carried out for 5 minutes. If the proximity switch is not turned off, a new round of ice making mode is entered (this is when the program determines that there is no ice on the evaporator, and a second ice making process is carried out. After the second ice making process, if the proximity switch is still not turned off, the ice maker stops working and enters a standby state)	1. Welding blockage caused by deicing pipe. 2. Please stop using the product and contact your supplier and repair it by designated repair service provider
The compressor is operating but not making ice	The compressor is in start protection or refrigerant leaks	Turn it on and off consecutively or bad contact of the plug will cause the compressor not work, wait 30 minutes and the machine will operate normally. If after over 30 minutes, the ice maker is still not started, please stop using the product and contact your supplier and repair it by designated repair service provider

The machine shows the state of water shortage	Check the water tank, whether the water reached the maximum water level.	Just refill the water to the maximum water level
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