

# **Countertop Ice Maker with Handle**

# **Instruction Manual**



# Contents

Important Safety Instructions	1
Getting to Know Your Unit	3
Automatic Self-cleaning Program	3
Operating & Maintenance	4
Unpacking Your Ice Maker	4
Assemble Handle	5
Connecting	5
Cleaning and Maintaining	6
Using	6
Troubleshooting	7
Circuit Diagram	8
Technical Parameters	8
Explosive Drawings	9

### IMPORTANT SAFETY INSTRUCTIONS

#### - YOUR SAFETY AND THE SAFETY OF OTHERS ARE VERY IMPORTANT.

We have provided many important safety messages in the user manual and your appliance.

Always read and obey all safety messages.

This is the safety alert symbol:



All safety messages will follow the safety alert symbol and the word "DANGER" or "WARNING".



These words mean:

Do not follow instructions strictly can result in serious injury.

All safety messages provide information about potential hazards, outline measures to reduce the chance of injury, and describe the consequences of not following the instructions. When using electrical appliances, follow basic safety measures to reduce the risk of danger. Before using the appliance, make sure to read all instructions carefully.

- 1. Do not use this or any other device with a damaged cord.
- 2. If the supply cord is damaged, it must be replaced by the manufacturer, or a similarly qualified person to avoid a hazard.
- 3. This ice maker must be positioned so that the plug is accessible.
- 4. Only connect to properly polarized outlets. Do not plug any other appliance into the same outlet. Make sure the plug is fully inserted into the receptacle.
- 5. Do not run the power cord over carpeting or other heat insulators. Do not cover the cord.
- 6. Keep the cord away from traffic areas, and do not submerge in water.
- 7. We do not recommend the use of an extension cord, as it may overheat and cause danger. If you must use an extension cord, use No.14AWG minimum size and rated no less than 1875 watts.
- 8. Unplug the ice maker before cleaning or making any repairs or servicing.
- 9. Exercise caution and use reasonable supervision when the appliance is used near children.
- 10 Do not use your ice maker outdoors. Place the ice-maker away from direct sunlight and ensure that there are at least 4 inches of space between the back of your unit and the wall. Keep a minimum distance of 4 inches on each side of your unit free.

### IMPORTANT SAFETY INSTRUCTIONS

- 11. Do not use other liquids to make the ice cube other than water.
- 12. Do not clean your ice maker with flammable fluids. The fumes can cause danger.
- 13. Do not tip over.
- 14. If the ice maker is brought in from outside during winter, give it a few hours to warm up to room temperature before plugging it in.

  WARNING: This appliance must be earthed.
- 15. DANGER Do not use mechanical devices to defrost the ice maker.
- 16. DANGER To be repaired only by trained service personnel. Do not puncture refrigerant tubing.
- 17. CAUTION Consult the repair manual/owner's guide before attempting to install or service this product. Follow all safety precautions.
- 18. Install the ice maker according to the safety standards for Refrigeration Systems, ASHRAE15. Do not install the ice maker in the corridors or hallways of public buildings.
- 19. If the unit with the problem needs to be maintained, replacing it with like components and servicing shall be done by factory-authorized service personnel, to minimize the risk of possible ignition due to incorrect parts or improper service.

#### **IMPORTANT:**

The wires in this mains lead are colored in accordance with the following code:

Green or Green with a strip yellow: Grounding

White: Neutral Black: Live

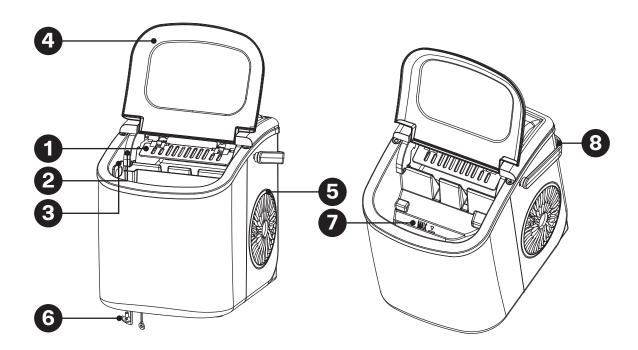
To avoid a hazard due to instability of the appliance, it must be placed at an even or flat surface.

#### **GETTING TO KNOW YOUR UNIT**

#### -GENERAL INSTRUCION

- 1. Ice shovel
- 2. Ice full sensor
- 3. Ice basket
- 4. Top cover with transparent window
- 5. Air exhausting
- 6. Water drain cap: at the front bottom side of the unit
- 7. MAXIMUM WATER LEVEL: 

  Remove the ice basket, you can see the water level mark
- 8. Handle



## **AUTOMATIC SELF-CLEANING PROGRAM**

Plug on the unit, and press the "ON/OFF" button on the control panel for more than 5 seconds. The self-cleaning process will take 30 minutes, and the "Ice Full, Add water" indicator flashes in turn during cleaning. After cleaning, drain the water from the inner tank through the drainage outlet at the bottom of the machine.

#### **OPERATING & MAINTENANCE**

#### -POSTION OF CONTROL PANEL & FUNCTION

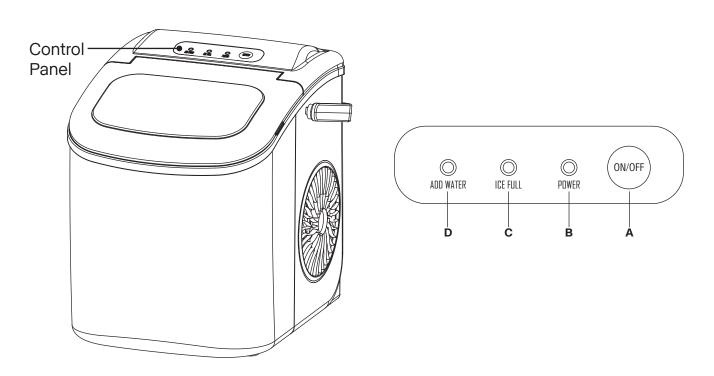
Control Panel: Easy to use, visible functions touch display setting.

A. Button to turn on/off the unit

B. Power indicator

C. Ice-Full indicator

D. Water shortage indicator



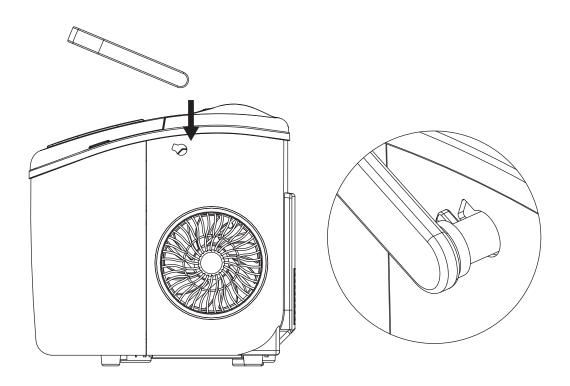
### UNPACKING YOUR ICE MAKER

- 1. Remove the outer and inner packaging. Check if the ice basket and ice scoop are inside. If any parts are missing, please contact our customer service.
- 2. Remove the tapes for fixing the ice shovel, ice basket & ice scoop. Clean the tank & ice basket.
- 3. Put the ice maker on a level & flat countertop without direct sunlight and other sources of heat (i.e.: stove, furnace, radiator). Make sure that there is at least 4 inches gap between the back & LH/RH sides with the wall.
- 4. Allow one hour for the refrigerant fluid to settle before plugging the ice maker in.
- 5. The appliance must be positioned so that the plug is accessible.

WARNING: Fill with potable water only.

#### **ASSEMBLE HANDLE**

Rotate the handle to the same angle as the mounting hole on the machine, and put it on the machine.



## CONNECTING

## / DANGER

- \* Improper use of the grounded plug can result in the risk of electrical shock. Please call our customer service if the power cord is damaged.
  - 1. This unit should be properly grounded for your safety. The power cord of this appliance is equipped with a three-prong plug which mates with standard three-prong wall outlets to minimize the possibility of electric shock.
- 2. Plug your appliance into an exclusive, properly installed, grounded wall outlet. Do not under any circumstances, cut or remove the third (ground) prong from the power cord. Any questions concerning power and/or grounding should be directed toward a certified electrician.
- 3. This appliance requires a standard 110-120volt, 60Hz electrical outlet with three-prong ground.

#### **CLEANING AND MAINTAINING**

It is highly recommended to clean your ice maker thoroughly before using it.

- 1. Take out the ice basket.
- 2. Clean the interior with diluted detergent, warm water, and a soft cloth.
- 3. Then use the water to rinse the inside parts, and drain out the water by unplugging the drain cap on the front bottom side.
- 4. The outside of the ice maker should be cleaned regularly with a mild detergent solution and warm water.
- 5. Dry the interior and exterior with a clean soft cloth.
- 6. Drain the water completely & dry the interior if the machine is not used for a long time.

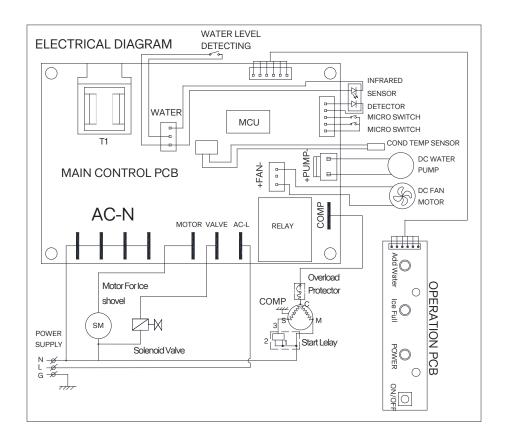
## **USEING**

- 1. Open the cover, remove the ice basket, and pour water into the tank. Keep the water level below the water level mark.
- 2. Press the "ON/OFF" button on the control panel to begin the ice-making cycle.
- 3. The ice-making cycle lasts approximately 6 to 13 minutes, depending on the selection of ice cube size and the room temperature. The recommended room temperature is 50°F to 105°F.
- 4. If the water pump can't inject water, the ice maker will stop automatically, and the "ADD WATER" indicator will be on. Press the "ON/OFF" button, fill the water up to the maximum water level mark, and press the "ON/OFF" button again to turn on the unit again. Allow the refrigerant liquid inside the compressor for at least 3 minutes to settle before restarting.
- 5. The ice maker stops when the ice basket is full and the "ICE FULL" indicator will be on.
  - Warning: Direct sunlight or sunlight reflection may cause infrared sensor malfunction. If the unit doesn't stop even if the ice cubes obstruct the sensor, move the unit where no sunlight.
- 6. Change water in the water reservoir every 24 hours to ensure a reasonable hygiene level. If the unit isn't to be used, drain all the water and dry the tank.

# **TROUBLESHOOTING**

PROBLEM	POSSIBLE CAUSE	SOLUTION
"ADD WATER" indicator is on.	Lack of Water.	Stop the ice maker, fill water, and press "ON/OFF" button again to restart the unit.
"ICE FULL" indicator is on.	Ice is full in basket.	Remove ice from ice basket. Keep pressing the "ON/OFF" button for 5 seconds, and the unit could make ice 10 cycles even "Ice" indicator is on.
Ice cubes stick together.	The ice making cycle is too long.	Stop the ice maker, and restart it when the ice blocks melt. Select the small-size ice cube selection.
	Water temperature in inner tank is too low.	The temperature of water recommended at 40°F-90°F
Ice making cycle is normal but no ice formed.	Room temperature or water temperature in inner tank is too high.	The room temperature should be 50°F-105°F, water temperature should be 40°F-90°F
	Refrigerant in cooling system leaks.	Verify by a qualified tech- nician.
	Pipe in the cooling system is blocked.	Verify by a qualified tech- nician.

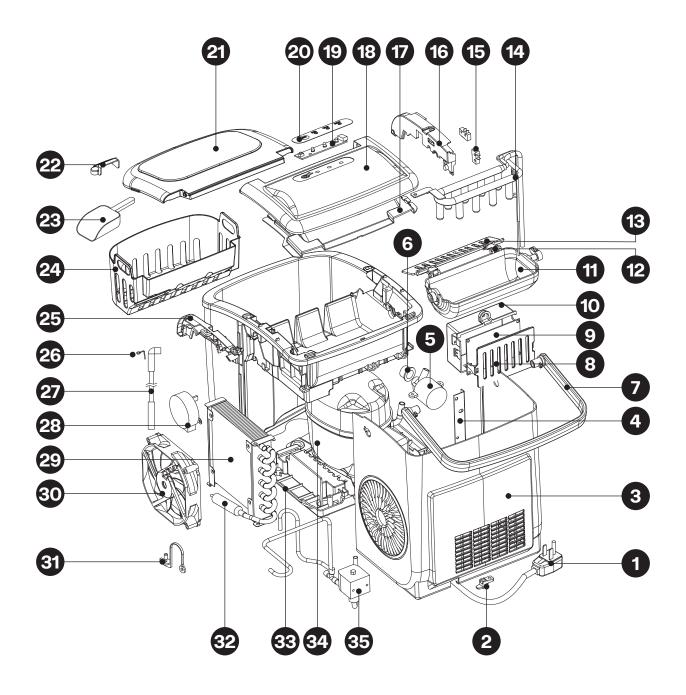
## **CIRCUIT DIAGRAM**



## **TECHNINCAL PARAMETERS**

Model	HZB-12/H
Protection Type	I
Power	115 V/60 Hz
Ice Making Current	1.5 A
Ice Harvest Current	1.8 A
Refrigerant	R600a 0.74 Oz/21 g
Design Pressure	
High Side	290 Psig
Low Side	88 Psig
Vesicant	C <sub>5</sub> H <sub>10</sub>
Net Weight	6.2 kg
Dimension (W*D*H)	222×294×290 mm
Enclosure	Plastic

## **EXPLOSIVE DRAWINGS**



# **EXPLOSIVE DRAWINGS**

S/N	Part Description	Qty
1	Power Cord	1
2	Plastic Clip	1
3	Back Panel	1
4	Plate Back Support	1
5	DC Water Pump	1
6	Silicon Pump Sealing	1
7	Handle	1
8	Control Box Cover	1
9	Main PCB	1
10	Control Box	1
11	Ice Making Box	1
12	Ice Scoop Link	2
13	Ice Shovel	1
14	Evaporator	1
15	Micro Switch	2
16	Inner Tank Bracket, LH	1
17	Back Btm Panel	1
18	Back Top Panel	1

S/N	Part Description	Qty
19	Displaying PCB	1
20	TouchPad	1
21	Front Top Panel	1
22	Water Filter	1
23	Ice Scoop	1
24	Ice Basket	1
25	Inner Tank Brackt, RH	1
26	Stainless Wire	1
27	Water Supply Pipe	1
28	Synchronous Motor	1
29	Condenser	1
30	DC Fan Motor	1
31	Nylon Plug Drain	1
32	Copper Tube Filter	1
33	Plastic Bottom	1
34	Compressor	1
35	Magnetism Valve	1
36	Internal Wire	1

# **VIVOH@ME**

#### **NOTE:**

To continuously improve its products, VIVOHOME reserves the right to modify this information without prior notification.

For any questions regarding assembly, please watch the video on the product page or contact our customer service. Our customer service will gladly assist you with any additional questions, comments, or concerns.

Thank you for using VIVOHOME products in your home!

Thank You For Purchasing From VIVOHOME

Made in China