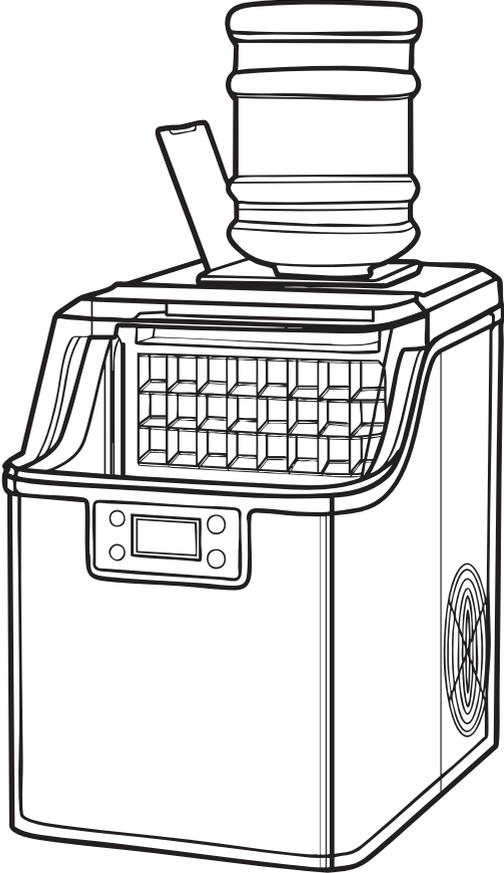


IM-FP Ice Maker User Manual

User Manual

SKU: IM004-CSI-USZX



support@homyd.com



1-833-632-0897

Contents

Important Safety Instructions	01
Key Components And Structure	03
Control Panel And Display Overview	04
Installation Guide	06
Cleaning Your Ice Maker Before Using For The First Time	07
How To Operate The Ice Maker	07
Cleaning Your Ice Maker	10
FAQs	12
Troubleshooting	15
Specification	17
Warranty Policy	18

IMPORTANT SAFETY INSTRUCTIONS



For indoor home use only. Read all instructions before use
Read and review the instructions to understand the operation and use of the product.



Indicates a hazard. If the warning contained in this symbol is ignored, it could result in personal injury, death, or substantial property damage.



Avoid contact with hot surfaces. Always use hand protection to avoid burns.



For indoor and home use only.

WARNINGS

When using electrical appliances, basic safety precautions should be followed to reduce the risk of fire, electric shock, and injury to persons or property. Read all instructions before using any appliance.

1. **DO NOT** operate this or any other appliance with a damaged cord. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person in order to prevent a hazard. This ice maker must be positioned so that the plug is accessible. Connect to properly polarized outlets only. No other appliances should be plugged into the same outlet. Be sure that the plug is fully inserted into the receptacle.
2. **DO NOT** run the power cord over carpeting or other heat insulators. **DO NOT** cover the cord. Keep the cord away from traffic areas. **DO NOT** submerge the cord or the appliance in water. We do not recommend the use of an extension cord, which may overheat and become a fire hazard. If you must use an extension cord, use NO.14 AWG minimum size, rated no less than 1875W.
3. Unplug the ice maker before cleaning, maintaining, or repairing it.
4. Exercise caution and use reasonable supervision when the appliance is used near children.
5. **DO NOT** use your ice maker outdoors. Place the ice maker out of direct sunlight. Be sure to leave at least 6 inches of space between the back of your unit and the wall. Keep a minimum distance of 6 inches on each side of your unit free.
6. **DO NOT** try to make ice cubes with liquids other than water.
7. **DO NOT** clean your ice maker with flammable fluids. The fumes can create a fire hazard or explosion.

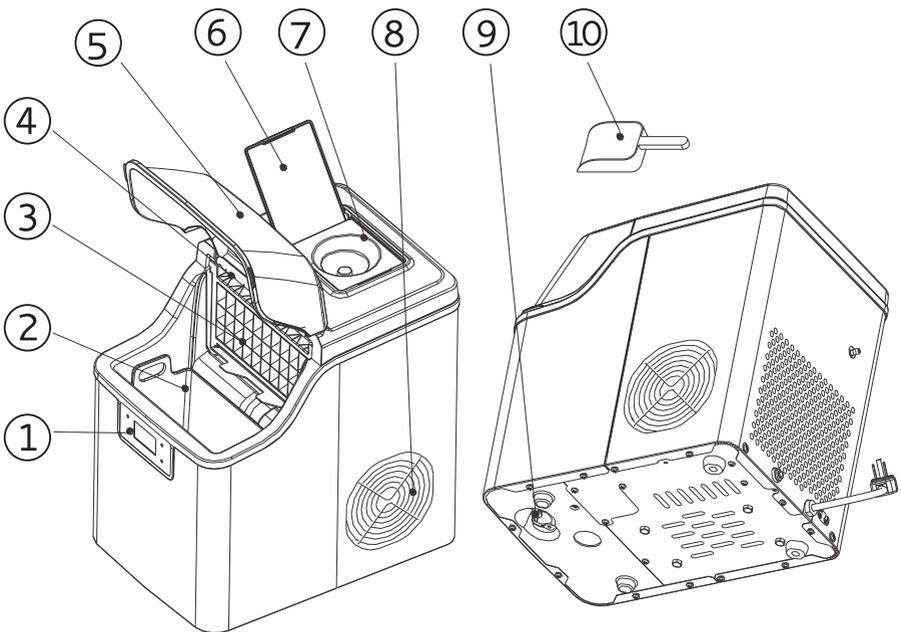
8. **DO NOT** tip over the ice maker or turn it upside down.
9. If the ice maker is brought in from outside in a cold season or climate, give it a few hours to warm up to room temperature before plugging it in.

Risk of Fire or Explosion-Flammable Refrigerant Used

- **DO NOT** use mechanical devices to defrost the ice maker.
- **DO NOT** puncture the refrigerant tubing.
- Appliance is to be repaired only by trained service personnel.
- Consult the owner's guide before attempting to install or service this product. All safety precautions must be followed.
- Dispose of this appliance in accordance with federal or local regulations.
- Follow handling instructions carefully.
- The ice maker should be installed in corridors of public buildings.
- If the unit needs maintenance or repairs, replace failed parts only with like parts. Service shall be done only by factory- authorized service personnel to minimize the risk of ignition due to incorrect parts or improper service.

KEY COMPONENTS AND STRUCTURE

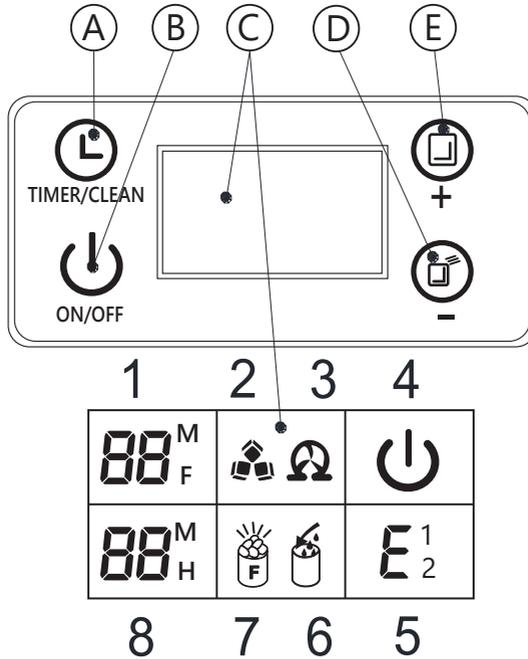
- ① Control Panel
- ② Ice Bin
- ③ Evaporator
- ④ Water Separator Pipe
- ⑤ Top Cover with Transparent Window
- ⑥ Water Reservoir Cover
- ⑦ Water Bottle Seat
- ⑧ Air Outlet
- ⑨ Water Drain Plug
- ⑩ Ice Scoop



Accessories

- Ice Scoop x 1

CONTROL PANEL AND DISPLAY OVERVIEW



Control Panel & Modes

"TIMER/CLEAN" Button

Press Once: Access the Timer Setting program.

Press and Hold (5+ Seconds) to enter the Cleaning program, when the machine is in stand by mode.

"ON/OFF" Button

Press once to turn on the machine when it is off.

Press once to turn off the machine when it is making ice or running in cleaning mode.

During the ice-forming process, press and hold for 5 seconds to force the ice-harvesting process.

"+" and "-" Buttons

Adjust Ice-Making Time: Press to increase or decrease by 1 minute per press.

Adjust Timer Delay: Press to increase or decrease by 1 hour per press.

LCD Display Guide

1. Environmental Temperature and Ice-Making Time Display

- The panel shows the ice-making time countdown in minutes (displayed as "**M**") and the environmental temperature in Fahrenheit (displayed as "**F**").

2. Ice-Making and Deicing Symbol

- When the symbol rotates, the machine is making ice.
- When the symbol flashes, the machine is in the deicing process.

3. Automatic Self-Cleaning Symbol

- Indicates the machine is in self-cleaning mode.

4. Power On/Off Symbol

- The symbol lights up when the machine is on. If it flashes, the machine is in standby mode.

5. Error Code Display

- **E1**: Ambient temperature sensor is damaged.
- **E2**: Water temperature sensor is damaged.
- **E**: Ice-making malfunction or refrigerant leak detected.

6. Water Flow and Water Shortage Symbol

The symbol means the machine needs water to be added.

7. Ice Full Alarm

- When the indicator lights up, and "F" flash, it indicate ice making is complete and the machine will stop. Removing ice promptly will allow ice-making to resume. If the ice is not removed for an extended period, the machine will stop making ice and the ice will gradually melt to help extend the product's lifespan.

8. Settings Display

- **H (Timer)**: 1-24H. In standby, press Timer and "+" to set start delay (e.g., "1H" = starts in 1 hour). During ice-making, press Timer and "+" to set stop delay (e.g., "1H" = stops in 1 hour).
- **M (Ice-making thickness)**: Adjust with "+" and "-" ("6" = thinnest, "0" = default, "+6" = thickest).

INSTALLATION GUIDE

Set up the Ice Maker

1. Unpack and Inspect

Remove all external and internal packaging, including the carton, foam padding, and the protective foam inside the machine. Check if all accessories, such as the ice scoop, are included. If anything is missing, please contact after-sales Customer Service (email support@homyd.com or call us at +1-833-632-0897).

2. Prepare the Ice Maker

Remove all tape and adhesive strips from the machine; remove the accessories inside. There is a protective film on the surface, which can be removed. Clean the interior cabinet and ice scoop with a damp cloth.

*You can use a nickel cleaner and protector to clean the machine.

3. Position the Ice Maker

Place the machine in a well-ventilated area with a relatively low ambient temperature, and place it horizontally on a flat surface away from direct sunlight and heat sources (such as stoves, furnaces, and radiators). Ensure there is at least **15 cm (about 6 inches)** of clearance between the air outlet and any obstructions and at least **15 cm (about 6 inches)** of clearance between the left and right sides.

4. Allow refrigerant to Settle

If the unit tipped over during transport, place it in an upright position for 24 hours to allow the refrigerant to settle before plugging it in for use.

5. Plug Accessibility

Place the device where the plug can be easily inserted and the machine must be grounded before use.

CLEANING YOUR ICE MAKER BEFORE USING FOR THE FIRST TIME

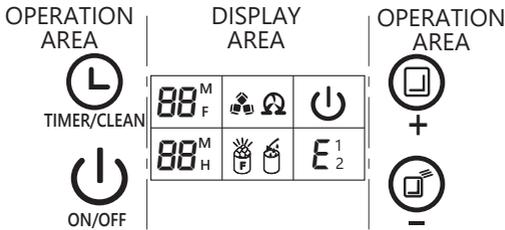
**** We are very concerned about your ice hygiene. Before using it for the first time, please be sure to clean all parts of the machine that come into contact with water.***

1. With the power disconnected, clean the product housing with a dry cloth.
2. Remove the ice bin from the reservoir and clean it with warm water, a soft cloth, and a nickel detergent. Please use nickel protective solutions when cleaning or making ice.
3. Clean all internal parts that come into contact with water.
4. Plug in the power, pour in clean water, start the cleaning mode, and wait 20 minutes until the cleaning mode ends.
5. After making sure the machine is in standby mode, remove the drain plug at the bottom to drain the water from the reservoir and the inner reservoir. Regular cleaning will keep the unit and your ice cubes sanitary, and also help the unit work normally.
6. After the draining is complete, reinstall the drain plug.
7. Add water to make ice for 1-2 cycles, and discard all ice cubes and water for a thorough cleaning.

Tips

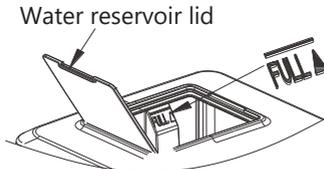
Please add drinkable water, preferably barreled or bottled purified water. The quality of water will directly affect the transparency of the ice cubes and the service life of the machine.

HOW TO OPERATE THE ICE MAKER



1. Starting Up the Unit

Remove the water reservoir lid and pour potable water into the reservoir (below the maximum level).



Plug in the power supply, and the symbol  will flash in the display window. The current ambient temperature will show at the top left corner of the display window. Press the ON/OFF button to start the machine. The machine will begin making ice when water is added to the reservoir, reaching the standard level via the electromagnetic water valve.

The  symbol will stay lit, and the Ice Making  symbol will rotate. The ambient temperature display will disappear.

A flashing number (e.g., 10M) indicates the remaining time (10 minutes) for the current ice-making cycle.

2. Ice-Making Process

After every cycle:

- The machine enters the deicing process. The  symbol flashes, water will flow from the top water reservoir to the bottom water reservoir through the solenoid valve.
- The arrow on the  symbol will be flash until the water reaches the standard level.
- Once the standard level is met, the  symbol extinguishes, and the unit enters the next cycle.

If water does not reach the required level:

- The  symbol keep lighting, and the unit stops working.
- After a water shortage, restart the unit manually, or it will restart automatically after 20 minutes.
- Each cycle takes approximately 13–25 minutes, depending on the ambient and water temperature.
- The first cycle may take longer but will not exceed 35 minutes.

3. Adjusting Ice Thickness

- Use the "+" and "-" buttons on the control panel:
- "+" Button: Adds 1 minute to the ice-making time, making thicker ice.
- "-" Button: Reduces 1 minute from the ice-making time, making thinner ice.
- 6 minutes maximum.

4. Ice Full Indicator

When the  symbol lights up, the machine will stop operating. Remove the ice to resume operation. Once the ice shield detects the ice has dropped, it will automatically reset and start a new ice-making cycle.

5. Shutting Down the Unit

- Press the **ON/OFF** button briefly to stop ice-making and enter standby mode.
- Hold the **ON/OFF** button for 5 seconds to initiate the deicing process, which helps remove ice from the plate.

6. Timer Settings

Range: 1–24 hours.

Modes:

- Time Shutdown: Set the unit to shut off after a specified duration.
- Time On: Set the unit to start automatically from standby mode.

How to Set Timer:

- Press the **TIMER** button (default is 1H).
- Use the "+" or "-" buttons to adjust the time in 1-hour increments.
- After 5 seconds, the display stops flashing, and the timer is set.
- The "H" letter will change from flashing to always displaying, meaning the timer program has been completed.

Schedule time:

In standby mode, if '5H' is displayed, the machine will start automatically after 5 hours. If '5H' is displayed in ice-making mode, the machine will shut down automatically after 5 hours.

The 'H' on the display indicates the machine's timer function. The number will gradually decrease until it reaches zero. At this point the machine will switch to the desired mode.

7. Automatic Self-Cleaning Program

Default Cleaning Time: 20 minutes.

How to Start Self-Cleaning:

- Plug in the power supply.
- Hold the **TIMER CLEAN** button for more than 5 seconds.
- The  symbol rotates, and the countdown begins (e.g., 20M).

How to Cancel Self-Cleaning:

- The program ends automatically after 20 minutes.
- Press **ON/OFF** to cancel manually during cleaning.

8. Switching Temperature Units (°F to °C)

- Hold the "+" or "-" button for more than 5 seconds to toggle between Fahrenheit (°F) and Celsius (°C).

Tips

- 1.This ice maker is not designed for outdoor use. Maintain the room and inlet water temperature as specified to ensure optimal performance.
- 2.Follow the recommended spacing dimensions for adequate ventilation and to allow the unit to be pulled forward for servicing.
- 3.The ideal ambient temperature is between 50°F and 90°F. Operating outside this range may affect performance or ice-making efficiency. This unit must be installed in an area protected from the elements, such as wind, rain, water spray, or drips.
- 4.The water temperature should be between 41°F and 77°F for best results.
- 5.There is no insulation function. We recommend promptly removing the ice cubes and storing them in a refrigerator.

CLEANING YOUR ICE MAKER

General Cleaning

1. Clean the cabinet using our cleaning nickel protective cleaner for optimal maintenance.
2. Avoid using solvent-based or abrasive cleaners.
3. Use a soft sponge to clean, then rinse thoroughly with clean water.
4. Wipe dry with a soft, clean towel to prevent water spots.
5. Stainless steel models can discolor when exposed to chlorine gas.

Cleaning the Ice Storage Bin

1. Clean the bin: Wipe down the inside of the bin with our cleaning solution.
2. Rinse: Thoroughly rinse the bin with clean, cold water.

**The ice bin cannot be cleaned in the dishwasher.*

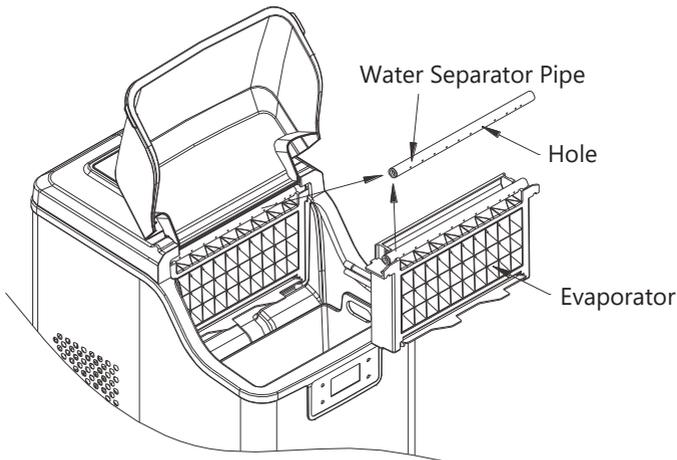
Cleaning the Ice Making Parts

- 1. Disconnect power:** Unplug the ice maker.
- 2. Clean the water reservoir and other parts:** Clean the water reservoir, and other internal parts. Pay special attention to the water dividing pipe on the evaporator. If water is not flowing through this pipe or the flow is very weak, carefully clean each small hole on the pipe to remove any blockages.

**Please return the water separator pipe to its original position, aligning each outlet with its original spot, and ensure it is oriented vertically downward.*

3. Clean the evaporator: It can be cleaned and wiped with a soft cloth or a small sponge brush to clean the surface of the evaporator. We recommend use a nickel protective cleaner.

**The evaporator can not be removed from the machine.*



Weekly Cleaning

Clean the ice shovel, ice bin, water reservoir and run the self-cleaning program to clean the surface of the evaporator every week. Simply wipe down the internal parts of the ice machine.

By-Monthly Cleaning

Perform a deep cleaning every month. Remove and clean the water pipe to prevent clogging. Then pour a nickel-safe cleaning solution into the lower water tank and let it soak for about 30 minutes. After soaking, empty the water tank and run the cleaning cycle again with clean water to thoroughly rinse the inside of the ice maker.

How to Completely Drain the Internal Reservoir and Large Water Reservoir:

To drain the large water reservoir, note that the water is held back by the water valve. To fully drain it:

- 1.Plug in the unit, but do not turn it on.
- 2.Remove the drainage port cap at the bottom.
- 3.Wait a few minutes for all the water to flow out.

Note:

1. Avoid harsh chemicals: Do not use harsh chemicals, acidic or abrasive cleaners on any part of the ice maker. These can damage the surface and affect the taste of the ice. We recommend using our ice maker-specific cleaner.

2. Regular cleaning: For optimal performance, clean your ice maker regularly. By following these simple steps, you can keep your ice maker clean and hygienic, ensuring you always have a supply of fresh, clean ice.

CORRECT DISPOSAL OF THIS PRODUCT



When the unit is taken out of service, its disposal and the handling of its materials must comply with national regulations.

FAQs

1. How often do I need to clean my ice maker?

Depending on how frequently you use it. It is recommended that you clean it at least once a week. Regular cleaning prevents scale buildup, which can block the pump and cause the machine to malfunction.

2. How should I clean the machine?

Avoid using acidic solutions or lemon juice for daily cleaning cycles, as they can damage the nickel coating on the evaporator.

If there is scale on the bottom, soak the bottom water reservoir with a nickel-protected ice machine cleaner solution and clean water in a ratio of 1:5 for about 30 minutes, then drain the reservoir and rinse with clean water to remove the residual solution.

Draining the reservoir at least every three days is recommended. This helps maintain low water hardness, flush out impurities, and prevent scale buildup in the tank.

3. Why do my ice cubes stick together?

The cube ice machine makes ice in whole plates, which can be broken up with an ice scoop after falling off.

4. Why is the ice maker not made of stainless steel?

The machine is made of stainless steel but has a protective film to prevent scratches and fingerprints. If you prefer the stainless steel appearance, simply peel off the protective film.

5. Can I put milk and juice into the reservoir to make ice cubes?

Using liquids other than water to make ice cubes is not recommended. Our research has found that the particles in milk and beverages can easily block the pump and reduce its service life. Also, the protein in milk is prone to calcification, which chemically reacts with the PU water pipe inside the machine, causing it to break and making the product unable to continue working.

6. Why do my ice cubes melt easily?

The ice maker doesn't have an insulation function, so the ambient temperature will cause the ice to slowly melt. If not using the ice for a long time, store it in the refrigerator.

7. Why do the ice cubes I made smell of plastic?

Ice cubes themselves are tasteless. The first batch may have a strange taste and should be discarded. If the ice consistently smells of plastic, run several cleaning cycles with the Ice Maker Cleaning Agent to remove the odor. Finally, use drinking water to make ice.

8. Does it make ice automatically and stop when the ice bin is full?

Our ice maker is equipped with a sensor that automatically stops ice production when the ice bin is full.

9. What should I do if the ice-making is too slow or the ice cubes are too small?

Ice-making is too slow: Ice-making is slow at first use. Let it sit for 24 hours, then make ice several times at normal speed. Operate the ice maker in an environment below 90°F and use room temperature water for making ice.

Ice cubes are too small: In the first few cycles, the ice cubes might be smaller. Run several more cycles, and the ice will gradually return to its normal size.

10. Why are my ice cubes cloudy?

If used for the first time, the ice cubes may not be of the expected quality and can be discarded, or this indicates that your water quality is turbid. It is recommended that only drinking water is used. If your water quality problem is serious, installing a water filtration system on your faucet is advisable.

11. Does the ice maker have internal water circulation?

The ice maker has internal water circulation. When ice melts, the water flows back into the reservoir to make new ice.

12. Why is my ice too thick and difficult to release from the tray?

This may happen if the ice-making time is too long or the room temperature is very low. We suggest unplugging the machine for 2 hours first, then plugging it back and adjusting the ice-making to “-6”.

To adjust ice thickness:

Use the “+” and “-” buttons on the control panel.

The number in the bottom-left corner of the display indicates the set ice-making time (default is 0).

Press “+” to increase the time in 1-minute increments for thicker ice or “-” to reduce it for thinner ice.

TROUBLESHOOTING

Problem	Possible cause(s)	Solution
"  " Light on.	No water in the lower tank: Water solenoid valve failure.	Please contact support@homyd.com to request a replacement water solenoid valve.
"  " Light on.	The ice blocks pressed down on the ice guard: Ice full sensor triggered.	Remove the ice from the bin and press the ON/OFF button again.
	No ice is in the ice basket: The ice guard is in poor contact.	Move the ice shield to see if the ice full display disappears. If not, contact support@homyd.com to replace the ice shield.
"E" code is displayed.	No ice making for a long time.	If the evaporator will not cool, please contact support@homyd.com to request after-sale service.
Ice maker noise	Water pump noise: Noisy when self-cleaning	Please use the ice maker cleaner to run the self-cleaning mode for 2-3 cycles. If the noise still exists, please contact support@homyd.com.
	Ice Maker Compressor Noise: Quiet when self-cleaning	Please contact support@homyd.com to request after-sale service.
No water comes out of the water pipe.	Water pump failure.	Change a new water pump. If you need any guidance, please contact support@homyd.com for a replacement pump.
	The water distribution pipe is clogged.	Remove the water distribution pipe and clean each water outlet of the water distribution pipe.
<E1>code is displayed	Faulty ambient temperature sensor.	Please contact support@homyd.com to request after-sale service.

<p><E2>code is displayed</p>	<p>Faulty water temperature sensor.</p>	<p>Please contact support@homyd.com to request after-sale service.</p>
<p>Water leakage</p>	<p>Drain plug is not in place or is missing.</p>	<p>Check the bottom drain plug.</p>
	<p>A water pipe or pump is broken.</p>	<p>Remove the back panel and check the internal water pipes and water pump. If the part is broken, please contact support@homyd.com to request a replacement part.</p>
<p>Water is flowing but not making ice</p>	<p>Refrigerant leak.</p>	<p>If the evaporator will not cool, please contact support@homyd.com to request after-sale service.</p>

SPECIFICATION

Specification	Value
SKU	IM004-CSI-USZX
Model	IM-FP
Refrigerant	R290 32g
Voltage/Frequency	115V/60HZ
Rated Ice-Making Power/Current	2.2A
Rated Ice Melting Power/Current	2.5A
High Side Pression	280 psig
Low Side Pression	88 psig
Product Dimensions	9.8*13.8*15.0 inch
Net/Gross Weight	21.77/23.15 lbs

WARRANTY POLICY

1-Year Limited Warranty

Toll-Free Call: 1-833-632-0897 Mon to Fri, 9AM - 6PM (ET)

Email: support@homyd.com

Thank you for choosing our products. We provide a 1-Year Limited Warranty for items purchased through our official channels. Please kindly note that this warranty is for the original purchaser and is non-transferable. If you purchase from an unauthorized seller, please get in touch with them directly.

We are committed to ensuring that our products are free from defects in materials and workmanship for one year from the date of purchase, as long as they are used under normal household conditions and maintained according to the User Manual. **Please note that certain conditions and exclusions apply:**

Should you find any defects in the original product or its non-wearable parts, we will be happy to repair or replace the item within one year of purchase. If a replacement is necessary, the warranty period will continue from the original purchase date. Please be aware that normal wear and tear or damage due to mishandling, accidents, or failure to follow instructions are not covered. However, replacement parts are available for purchase. Feel free to contact us for more information.

Please also note that this warranty does not cover damage caused by exposure to liquids or foreign materials, unauthorized repairs or modifications, or use in commercial or non-household environments (unless specified for commercial use).

If you encounter any issues with your product, we are here to help. You can reach us by phone at **1-833-632-0897(US)** or email us at **support@homyd.com**. For certain product categories, we also offer the option to upgrade your warranty to our VIP service.

Our friendly phone support team is available from **Monday to Friday, 9 AM - 6 PM (ET)**. To assist you more efficiently, please have your product with you when you call. We aim to respond to emails within 24 business hours. If you don't receive a reply after sending us an email within this time frame, kindly check your spam folder to ensure you don't miss our response.

In addition to the one-year warranty, we also offer lifetime technical support. After the warranty period, service is still available at an additional cost. Please don't hesitate to contact us with any questions or concerns.

SKU: IM004-CSI-USZX

