

# Brio<sup>®</sup> | 740i

## NUGGET ICE MAKER



**User Manual**

Model No.: IMCT740ISC

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# Safety Information

**WARNING:** To reduce risk of injury and property damage, you must read this entire manual before assembling, installing and operating the ice maker.

|                                                                                                                            |                                                                                                                           |                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  Indoor Use Only                           |  Keep Hands & Items Away From Ice Outlet |  Use with Grounded 3-Prong Socket Only            |
|  Keep Away From High Temperatures/Sunlight |  Potable Water Only                      |  Do Not Use Sharp Knives to Open Packaging        |
|  Ensure Sufficient Clearance (See p. 7)    |  Do Not Use Extension Cords              |  <b>WARNING:</b> Risk of Fire/Flammable Materials |

- Do not change or remove the grounding pin on the plug. This appliance must be properly grounded.
- Use with 120V AC power only. Do not use with 220V outlet.
- Do not use adapters or extension cords with appliance.
- Never unplug by pulling on the power cord. Always grasp the plug and pull straight out from the socket. Do not insert or remove the plug with wet hands.
- To prevent electric shock, do not immerse the appliance or any part of the appliance, including the plug, wires, or power cord, in water or other liquids.
- Place the power cord in an area where it will not be pulled by children or cause a tripping hazard.
- Keep the power cord away from hot surfaces.
- Do not operate the appliance if there are any damaged components, including wires or plugs.
- Before using the appliance, you must position and install it correctly in accordance with the instructions. This appliance is for indoor use only.
- Do not store or use flammable vapors or liquids near this appliance.
- This appliance is not a toy. When using near children, caution and supervision should be exercised.
- Do not allow children to operate the appliance.
- We recommend using distilled or purified water for ice making to prevent scale buildup.
- Do not use water that is microbiologically unsafe or of unknown quality such as water from untested wells or non-potable sources.
- Do not attempt to disassemble, repair, modify, or replace any part of this appliance.
- This appliance is only intended for use as described in this manual.
- Do not use any accessories not recommended by the manufacturer.

**WARNING:**

- Fill with potable water only.
- Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- 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.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Children should be supervised to ensure they do not play with the appliance.
- 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.

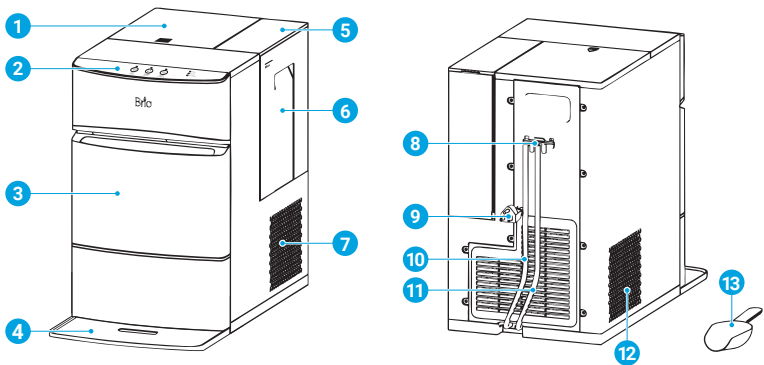
# Intended Use

This ice maker is intended to be used in household and similar applications such as:

- Houses, apartments, and other residential-type environments
- Bed and breakfasts, short-term rentals, and similar hospitality environments

This ice maker 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.

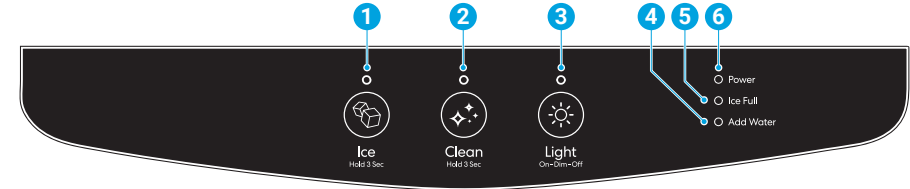
# Product Features



| Part | Description            |
|------|------------------------|
| 1    | Top lid                |
| 2    | Control Panel          |
| 3    | Ice storage bin drawer |
| 4    | Drip tray              |
| 5    | Side water tank lid    |
| 6    | Side water tank        |
| 7    | Hot air outlet         |

| Part | Description                  |
|------|------------------------------|
| 8    | Drain-tube plug bracket      |
| 9    | Power cord                   |
| 10   | Bottom water tank drain tube |
| 11   | Top water tank drain tube    |
| 12   | Cold air inlet               |
| 13   | Ice scoop                    |

# Control Panel Description



| No. | Button/Icon             | Description                                                                                                                                                                                                                                                                                                                                                                     |
|-----|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | <br>Ice<br>Hold 3 Sec   | Touch and hold for 3 seconds to initiate the ice making process. The indicator will illuminate, indicating ice production has commenced. Touch and hold for 3 seconds at any time to stop the ice-making process.                                                                                                                                                               |
| 2   | <br>Clean<br>Hold 3 Sec | Touch and hold for 3 seconds to initiate the clean cycle. The indicator will illuminate and, the ice maker will run the clean cycle for 20 minutes. During this time you'll see water running in the ice bin. This is normal. When the clean cycle ends, the indicator will turn off. To stop the clean cycle at any time touch and hold the <b>Clean</b> button for 3 seconds. |
| 3   | <br>Light<br>On-Dim-Off | Repeatedly touch to cycle through 3 illumination options: bright, dim, and off.                                                                                                                                                                                                                                                                                                 |
| 4   | <br>Power               | Illuminates when the ice maker is connected to power and on.                                                                                                                                                                                                                                                                                                                    |
| 5   | <br>Ice Full            | Illuminates when the ice bin is full. If the <b>Ice Full</b> indicator illuminates before the ice bin is full, use the ice scoop to redistribute ice in the bin to allow the bin to fill completely.                                                                                                                                                                            |
| 6   | <br>Add Water           | Illuminates when the side water tank needs to be refilled. After refilling, touch the <b>Ice</b> button to restart ice production.                                                                                                                                                                                                                                              |

## Operational and Technical Specifications

| Model No.                                 | IMCT740ISC                                   |
|-------------------------------------------|----------------------------------------------|
| Current                                   | 2.5A                                         |
| Rated Voltage / Frequency                 | 115 V / 60 Hz                                |
| Watts                                     | 150 W                                        |
| Ice Storage Capacity                      | 4.0 lb (1.81 kg)                             |
| Ice-Making Rate                           | 44 lb / 24 h                                 |
| Initial Ice Production Time               | 10-15 mins.                                  |
| Side Water Tank Capacity                  | 0.7 gal / 2.66 L / 89.94 fl oz               |
| Source Water Type                         | Potable Water                                |
| Operating Water Temperature               | 50°F – 70°F (10°C – 21°C)                    |
| Net Weight                                | 30.92 lb (14.03 kg)                          |
| Product Dimensions with Drip Tray (WxHxD) | 10.04 x 16.53 x 18.9 in. (25.5 x 42 x 48 cm) |
| Noise (dBA)                               | 40–50 dBA (at 1 meter)                       |
| Power Cord Length                         | 72 in. (180 cm)                              |

# Installation

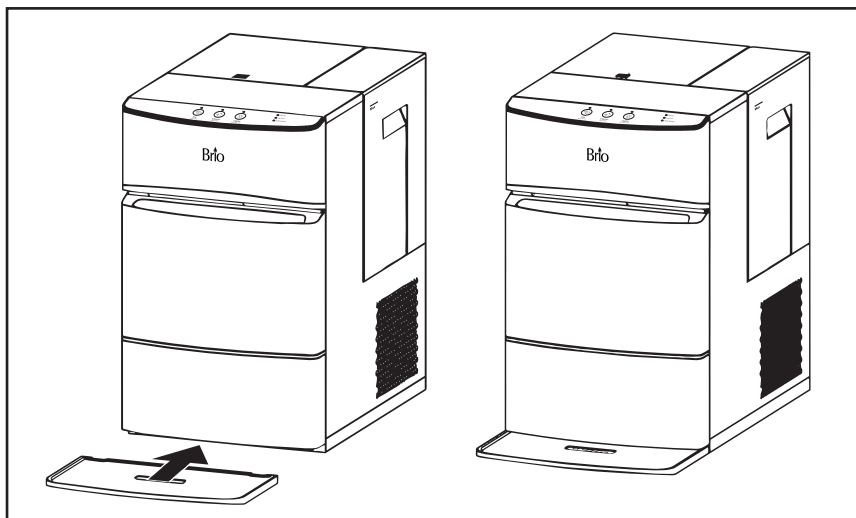
## Determine the Installation Location

1. Before first use, thoroughly wipe down the ice maker interior, ice storage bin drawer, and side water storage tank with lukewarm water and a soft cloth.
2. Locate the ice maker on a hard, level surface away from direct sunlight and other heat sources, such as stoves, furnaces, and radiators.
3. Position the ice maker at least 6 in. (15 cm) from all walls. Insufficient airflow/ventilation space may negatively impact ice-making capability and product lifespan.

**IMPORTANT:** Ensure the ice maker stands upright for at least one hour BEFORE plugging in to allow oil to settle back into the compressor. Failure to do so may damage the compressor and void warranty.

## Install the Drip Tray

1. Assemble the drip tray and grid, then attach to the small tabs at the base of the ice maker.



# Operation

## STEP 1: Connecting the Ice Maker

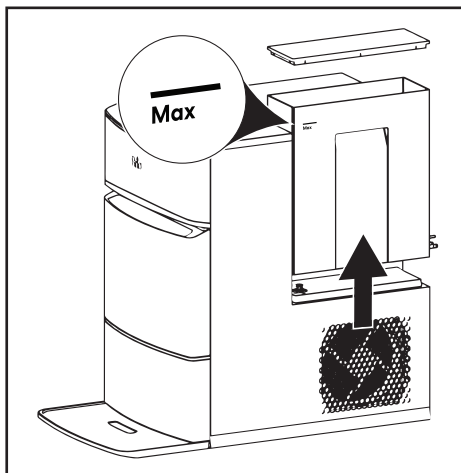
**WARNING:** Improper use of the grounding plug can lead to risk of electrical shock. Do not use if the power cord is damaged.

1. For your safety this ice maker should be properly grounded. The power cord of this ice maker is equipped with a grounding plug that matches a standard grounded wall socket to minimize risk of electric shock.
2. The ice maker should be connected into a dedicated, properly installed grounded wall socket. Under no circumstances should the grounding device of the plug be tampered with. If you have any questions about power supply, contact a licensed electrician.
3. This ice maker requires a standard 120V / 60Hz power outlet with proper grounding device.

## STEP 2: Fill the Side Water Tank and Run Clean Cycle

**IMPORTANT:** We strongly recommend running the clean cycle before first use and if the ice maker has not been used for an extended period of time.

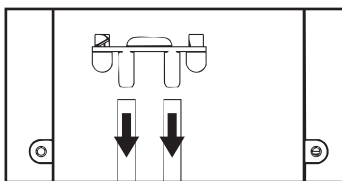
1. Remove the side water tank by grasping the handle and pulling straight up until the tank disengages from the latches.
2. Remove the side water tank lid and fill the side water tank with potable water to the **Max** line.
3. Reinstall the lid. Align the tank with the side of the ice maker, then slide down to engage the latches. Move the tank down until it sits securely on the base.
4. Plug in the ice maker. All indicator lights will turn on and then off. The **Power** indicator light will remain on.



**IMPORTANT:** You will need to drain unit AFTER 20-minute clean cycle is complete.

5. Touch and hold the **Clean** button for 3 seconds. The indicator will illuminate, and the ice maker will run the clean cycle for approximately 20 minutes, after which the indicator will turn off. During the entire 20-minute clean cycle you will see water running in the ice bin. This is normal. To stop the cleaning process at any time, touch and hold the **Clean** button for 3 seconds.
6. After the clean cycle ends, move the ice maker to the edge of a sink or other receptacle.

7. Lift up the drain-tube plug bracket to remove it from the back of the ice maker. Unplug the top and bottom tank drain tubes from the bracket.



**IMPORTANT:** The drain-tube plug bracket has been designed for a tight fit with tubing to ensure leak-proof performance. Use care when disconnecting the tubing from the bracket to avoid damage.

8. Position the open end of each tube into the sink or receptacle and allow all water to drain out.
9. After the ice maker tanks have drained, reattach tubes to the plug bracket, then reinstall the bracket.

### STEP 3: Make Ice

1. Fill the side water tank with potable water to the **Max** line.

**NOTE:** Use of warmer water will slow down initial ice production. Optimal source water temperature is 50°F to 70°F (10°C to 21°C).

2. Touch and hold the **Ice** button for 3 seconds. The indicator will illuminate, indicating ice production has commenced. Touch and hold the button for 3 seconds at any time to stop the process.
3. Regularly check the water level in the side tank. If the water level falls too low, the ice maker will stop ice production and the **Add Water** indicator will illuminate. If this happens, refill the side tank, then tap the **Ice** button to restart the ice-making process.
4. When the **Ice Full** indicator illuminates, the ice storage bin drawer is full, and the ice maker will automatically stop making ice.

**NOTE:** The actual volume of ice produced can vary due to changes in environmental conditions, such as temperature, humidity, water quality, and pressure. Additionally, if the **Ice Full** indicator illuminates before the ice storage bin is full, use the ice scoop to redistribute ice in the bin to allow the bin to fill completely.

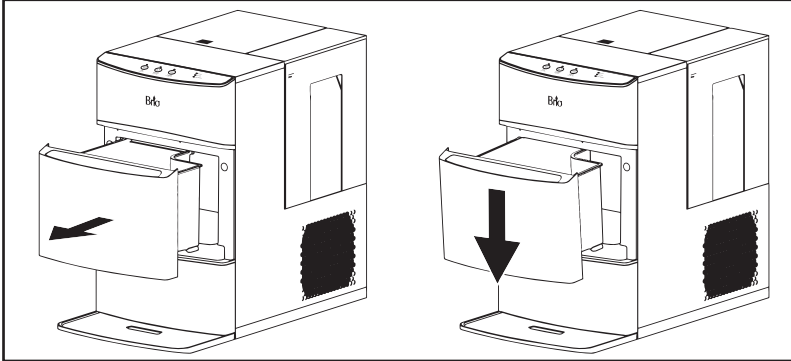
### STEP 4: Adjust the Ice Storage Bin Light

The ice storage bin drawer has an internal light that allows you to see ice status. To access:

1. Repeatedly touch the **Light** button to cycle through light options: bright, dim, and off.

## STEP 5: Open the Bin, Scoop Ice, and Enjoy

1. Grasp the handle and pull the storage bin drawer straight out until it meets resistance. Allow the drawer to rest at an angle on the front opening edge.
2. Use the ice scoop to retrieve ice.
3. To close the storage bin drawer, grasp the handle, lift up the drawer, and push back into the ice maker.



**NOTE:** The storage bin drawer can be completely removed from the ice maker by pulling it out, then angling it upward to detach it from the unit.

## Refill the Side Water Tank

When the **Add Water** indicator illuminates, the side water tank needs to be refilled:

1. Grasp the side water tank handle and lift the tank straight up until it disengages from the latches.
2. Remove the tank lid and fill the side water tank with potable water to the **Max** line.
3. Reinstall the side tank lid. Align the tank with the side of ice maker, then slide down to engage the latches. Move the tank down until it sits securely on the base. Tap the **Ice** button to restart the ice-making process.

**NOTE:** Alternatively, the side water tank can be refilled without removing. To do so, remove the lid and fill tank with potable water to the **Max** line. Do NOT overfill so that water spills from the tank into the base.

# Troubleshooting

| Problem                                                                       | Probable Cause                                            | Solution                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Add Water</b> indicator light is on.                                       | Side tank water level is too low.                         | Refill the side water tank, then tap the <b>Ice</b> button to restart the process.                                                                                                                                                                                                                                                                                                                                |
| <b>Ice Full</b> indicator light is on but there is no ice in the storage bin. | There is a possible obstruction in ice storage bin.       | Unplug the unit. Clean the inner walls of the ice storage bin by wiping down the interior. Reach into the ice chute and clear any buildup of ice. Reconnect the power. If you continue to experience a problem, simultaneously touch and hold the <b>Ice</b> and <b>Clean</b> buttons for 5 seconds. The unit will continue making ice for 60 minutes. The <b>Ice</b> icon will slowly blink during this process. |
| <b>Power</b> and <b>Ice</b> indicators are flashing.                          | Ambient temperature or water temperature is too warm.     | Use the ice maker in a room where the air temperature and water temperature are below 70°F (21°C).                                                                                                                                                                                                                                                                                                                |
| Ice making is slow.                                                           | Hot air outlet is blocked.                                | Ensure there is at least 6 in. (15 cm) of clearance on all sides for proper ventilation.                                                                                                                                                                                                                                                                                                                          |
|                                                                               | Water temperature in the internal tank is too high.       | Fill the side water tank with water that is between 50°F (10°C) and 70°F (21°C).                                                                                                                                                                                                                                                                                                                                  |
| There is a water leak.                                                        | Back drain tubes are not installed properly.              | Unplug the drain tubes from the drain-tube plug bracket, then plug in again, ensuring a secure fit.                                                                                                                                                                                                                                                                                                               |
| Ice bin light is not on or is dim.                                            | Ice bin light has not been turned on or is in “dim” mode. | To turn on or brighten the ice bin light, repeatedly touch the <b>Light</b> button to cycle through 3 modes: bright, dim, and off.                                                                                                                                                                                                                                                                                |
| Control panel buttons are unresponsive.                                       | There is moisture or residue on the control panel.        | Unplug the unit, then wipe the control panel clean.                                                                                                                                                                                                                                                                                                                                                               |

## Normal Operating Sounds

The ice maker may make sounds that are unfamiliar to you. Most are normal. Hard surfaces, like countertops, can amplify these sounds. Here are some of the normal sounds you may hear:

**Buzzing:** When the water pump first turns on, the ice maker will make a buzzing sound. After the ice maker is filled with water, the buzzing will diminish significantly.

**Squeaking:** When the ice maker needs to be defrosted, you may hear a light squeaking as ice builds up. If the squeaking becomes more frequent, run a clean cycle using citric acid crystals to dissolve mineral deposits. Mineral deposits can cause the ice maker to get stuck in the freeze cycle, which causes frost buildup.

**Humming:** The compressor is the motor of the ice maker, and you'll hear a low, steady humming while it's running.

**Pumping:** During the initial start-up, you will hear the pump as it fills the tanks with water.

# Cleaning and Maintenance

## External Cleaning

**WARNING:** Electric Shock Hazard. Always disconnect the ice maker from power before performing any maintenance.

- Gently wipe external surfaces with a soft, clean cloth dipped in soapy water. Dry with a clean cloth.
- Empty and clean the drip tray as needed. Hand wash only using a gentle detergent. Dry thoroughly before reinstalling.
- Remove the ice storage bin drawer and set aside. Use a clean, damp cloth to wipe the bottom water tank clean. **DO NOT** use soap or soapy water. Use fresh water only.

**IMPORTANT:** The ice storage bin drawer is **NOT** dishwasher safe. Manually clean with a gentle detergent and clean water. Rinse and dry thoroughly before reinstalling.

- From time to time, melted ice water will need to be drained from the bottom tank. To drain, detach the bottom tank drain tube (10) on the back of the ice maker and route the open end into a sink or receptacle. Allow water to drain out. Reinstall the drain tube.
- If the ice maker is not going to be used for an extended period of time, dispose of ice, drain all the water from the tanks, and unplug the unit. Run the clean cycle before using again.

## Descale the Ice Maker

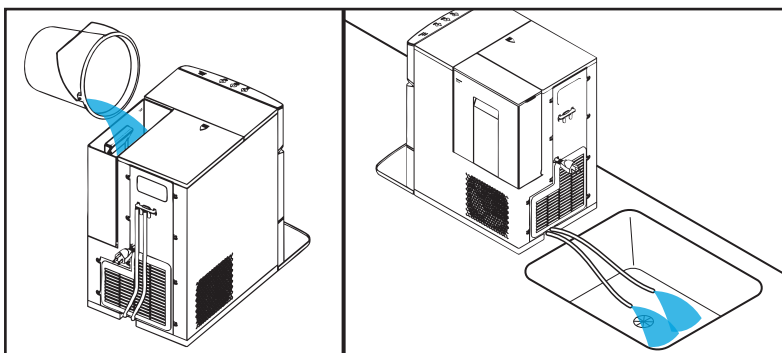
Depending on the hardness of the source water, the ice maker should be descaled every 2 to 3 weeks to remove mineral buildup and optimize ice maker performance.

**IMPORTANT:** Always ensure the unit is fully drained before performing any cleaning or descaling.

### Gather the following supplies:

- 150g Citric acid crystals
  - 2.5 Liters water
1. Unplug the ice maker, then empty all ice from the ice storage bin drawer. Reinstall the bin drawer if it's been removed.
  2. Move the ice maker to the edge of a sink or other receptacle.
  3. Lift up the drain-tube plug bracket to remove it from the back of the ice maker. Unplug the top and bottom tank drain tubes from the bracket.
  4. Position the open end of each tube into the sink or receptacle and allow all remaining water to drain out.
  5. After the ice maker tanks have drained, reinstall the bracket and tubes.
  6. Prepare the descaling solution by combining the citric acid crystals and the water. Stir the solution until the crystals have completely dissolved.
  7. Remove the side tank lid and pour the descaling solution into the side water tank. Reinstall the lid. Plug in the ice maker.

8. Touch and hold the **Clean** button for 3 seconds and allow the cleaning process to take place for approximately 5 minutes. This will distribute the descaling solution throughout the ice maker. During this time you will see the descaling solution running in the ice bin. This is normal. Unplug the ice maker again. Allow the descaling solution to sit in the ice maker for a max. of up to 18 hours.
9. Plug in the ice maker. Touch and hold the **Clean** button for 3 seconds. Allow the entire cleaning process to take place, approximately 20 minutes.
10. When the **Clean** indicator turns off, the cleaning process is done. Drain all the cleaning solution from the tanks by following steps 3 through 5.
11. Thoroughly rinse the interior by repeating steps 7 through 10 two additional times with fresh, clean water, and omitting the 18 hour wait period.



# Warranty

Brio ("Vendor") warrants to the original purchaser of the Brio Ice Maker (the "Product"), and to no other person, that if the Product is assembled and operated in accordance with the printed instructions accompanying it, then for a period of one (1) year from the date of purchase, all parts in the Product shall be free from defects in material and workmanship. This Limited Warranty shall be limited to repair or replacement of parts, which prove defective under normal use and service and which Vendor shall determine in its reasonable discretion upon examination to be defective. To take advantage of this Limited Warranty, please follow these steps:

1. Please retain your sales slip or invoice, as Vendor may require reasonable proof of your date of purchase.
2. Contact Vendor's Customer Service Department using the contact information listed below.
3. Return parts to Vendor, per Vendor's instructions, at your cost and expense.
4. Upon receipt by Vendor, Vendor shall advise you in writing whether a defect covered by this Limited Warranty exists in any returned part and whether your claim has been approved or denied.
5. Upon Vendor's approval of your claim, Vendor will replace such defective part without charge to you.

**WHAT THIS LIMITED WARRANTY DOES NOT COVER:** This Limited Warranty does not cover any failures or operating difficulties of the Product due to accident, abuse, misuse, alteration, misapplication, improper installation or improper maintenance or service by you or any third party, or failure to perform normal and routine maintenance on the Product, as set out in the User's Manual. In addition, this Limited Warranty does not cover damages to the finish, such as scratches, dents, discoloration or rust after purchase.

This Limited Warranty is the only express warranty given on the Product and is in lieu of all other express warranties. Vendor disclaims all warranties for products that are purchased from seller other than authorized retailers or distributors. THIS LIMITED WARRANTY RESTRICTS THE DURATION OF ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO THE ONE (1) YEAR TERM OF THIS LIMITED WARRANTY. UPON THE EXPIRATION OF THE ONE (1) YEAR TERM OF THIS LIMITED WARRANTY, VENDOR DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, THE PRODUCT BEING THUS SOLD AS-IS, WITH ALL FAULTS. FURTHER, VENDOR SHALL HAVE NO LIABILITY WHATSOEVER TO PURCHASER OR ANY THIRD PARTY FOR ANY SPECIAL, INDIRECT, PUNITIVE, INCIDENTAL, OR CONSEQUENTIAL DAMAGES. OTHER THAN THIS LIMITED WARRANTY, THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. Vendor assumes no responsibility for any defects caused by third parties. This Limited Warranty gives you specific legal rights, and you may have other rights which vary from state to state. State law may also override statements in this Limited Warranty regarding the restriction on the duration of implied warranties. Some jurisdictions do not allow exclusion or limitation of special, incidental or consequential damages, or limitations on how long a warranty lasts, so the above exclusion and limitations may not apply to you.

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