

KEENSTAR ICN1580

KEENSTAR ICN1580 Nugget Ice Maker User Manual

Model: ICN1580

1. INTRODUCTION

Thank you for choosing the KEENSTAR ICN1580 Nugget Ice Maker. This manual provides essential information for the safe operation, maintenance, and troubleshooting of your new appliance. Please read it thoroughly before use and retain it for future reference.



Image 1.1: The KEENSTAR ICN1580 Nugget Ice Maker, a compact countertop appliance designed for producing chewable nugget ice. A glass with a blue beverage and ice is shown next to the machine, which has a clear ice basket filled with ice.

2. SAFETY INSTRUCTIONS

To reduce the risk of fire, electric shock, or injury, observe the following safety precautions:

- Ensure the appliance is connected to a properly grounded power outlet.
- Do not immerse the power cord, plug, or any part of the appliance in water or other liquids.
- Unplug the ice maker before cleaning, servicing, or when not in use.
- Do not operate the appliance with a damaged cord or plug. Contact customer service for repair.
- Keep children away from the ice maker. This appliance is not intended for use by persons with reduced physical, sensory, or mental capabilities unless supervised.
- Place the ice maker on a stable, level surface, away from direct sunlight and heat sources.
- Ensure adequate ventilation around the appliance. Maintain at least 5 inches of space from walls or other objects.
- Use only potable water in the water reservoir.

- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

3. PRODUCT OVERVIEW

3.1 Components

The KEENSTAR ICN1580 Nugget Ice Maker consists of the main unit, a removable ice basket, and an ice scoop.

3.2 Control Panel

The touch screen control panel provides intuitive operation and status indicators.



Image 3.1: A close-up view of the KEENSTAR ICN1580's intelligent control panel. It features indicator lights for 'Add Water', 'Ice Full', 'Cleaning', and 'Power', alongside touch buttons for 'Selfclean', 'LED Light', and 'ON/OFF'.

- **Indicator Light Zone:**

- **Add Water:** Illuminates when the water reservoir needs refilling.
- **Ice Full:** Illuminates when the ice basket is full.

- **Cleaning:** Illuminates during the self-cleaning cycle.
 - **Power:** Indicates the unit is powered on.
 - **Operation Touch Zone:**
 - **Selfclean Button:** Initiates the self-cleaning function.
 - **LED Light Button:** Controls the internal LED light.
 - **ON/OFF Button:** Powers the unit on or off.
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4. SETUP

4.1 Unpacking

1. Remove all packaging materials and inspect the ice maker for any damage.
2. Ensure all accessories (ice basket, ice scoop) are present.

4.2 Placement

- Place the ice maker on a flat, stable, and heat-resistant surface.
- Avoid placing near heat sources or in direct sunlight.
- Allow at least 5 inches of clearance around the unit for proper ventilation.

4.3 Initial Cleaning

Before first use, it is recommended to clean the ice maker.

1. Wipe the exterior with a damp cloth.
 2. Remove the ice basket and wash it with mild detergent and warm water. Rinse thoroughly.
 3. Perform a self-cleaning cycle as described in Section 6.1.
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5. OPERATING INSTRUCTIONS

5.1 Filling the Water Reservoir

1. Open the top lid of the ice maker.
2. Pour potable water into the reservoir. Do not exceed the maximum fill line indicated inside the reservoir.
3. Close the lid securely.



Image 5.1: Illustrates the process of refilling the water reservoir of the KEENSTAR ICN1580. A hand is shown pouring water into the open reservoir, with a clear indication that the water level should not exceed the maximum position.

5.2 Making Ice

1. Ensure the ice maker is plugged into a grounded power outlet.
2. Press the **ON/OFF** button on the control panel to power on the unit. The Power indicator light will illuminate.
3. The ice maker will automatically begin the ice-making cycle. The first batch of nugget ice typically takes approximately 12 minutes.
4. The unit can produce up to 40 lbs of ice in 24 hours, with a 2.1L water tank capacity.



Image 5.2: This image highlights the ice production capabilities of the KEENSTAR ICN1580, showing a full ice basket and indicating a production rate of 40 lbs/24H and a 2.1L water tank. A timer graphic shows 'Fresh Ice in 12 min'.

5.3 Indicator Lights

- **Add Water Indicator:** If this light illuminates, the water reservoir is low and needs refilling. Ice production will pause until water is added.
- **Ice Full Indicator:** When the ice basket is full, this light will illuminate, and the ice maker will temporarily stop producing ice. Once ice is removed, production will resume automatically.



Image 5.3: Shows the 'Ice-full Reminder' feature of the KEENSTAR ICN1580. The red light above the ice basket is illuminated, indicating that the ice basket is full and ice production has paused.



Image 5.4: Depicts the 'Add Water Alert' on the KEENSTAR ICN1580. The red light on the control panel is illuminated, signaling that the water reservoir requires refilling.

6. MAINTENANCE AND CLEANING

6.1 Automatic Self-Cleaning Function

The ice maker features an automatic self-cleaning function to maintain hygiene.

1. Ensure there is water in the reservoir.
2. Press and hold the '**SELF-CLEAN**' button for more than 3 seconds.
3. The cleaning cycle will begin and last for approximately 7 minutes. The 'Cleaning' indicator light will illuminate.
4. Once the cycle is complete, drain the water from the unit (see Section 6.3).

Automatic Self-Cleaning

Press ON/OFF button for 3 seconds to start self-cleaning mode



Ensure Fresh Ice



Dirt Removal



Keep Healthy



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Mins

Image 6.1: An internal view of the KEENSTAR ICN1580 demonstrating the automatic self-cleaning process. Water circulates through the system, indicating dirt removal and ensuring fresh ice. The process takes 7 minutes.

6.2 Regular Cleaning

- **Exterior:** Wipe with a soft, damp cloth. Do not use abrasive cleaners.
- **Ice Basket & Scoop:** Wash with mild detergent and warm water. Rinse thoroughly.
- **Interior:** For thorough cleaning, unplug the unit, remove the ice basket, and wipe the interior surfaces with a soft cloth dampened with a mild cleaning solution. Rinse with clean water.

6.3 Draining the Water

To drain water from the unit, especially after cleaning or before storage:

1. Unplug the ice maker from the power outlet.
2. Locate the drainage outlet, typically at the bottom or side of the unit.
3. Place a container under the drainage outlet.
4. Remove the drain plug to allow water to flow out.
5. Once drained, replace the drain plug securely.

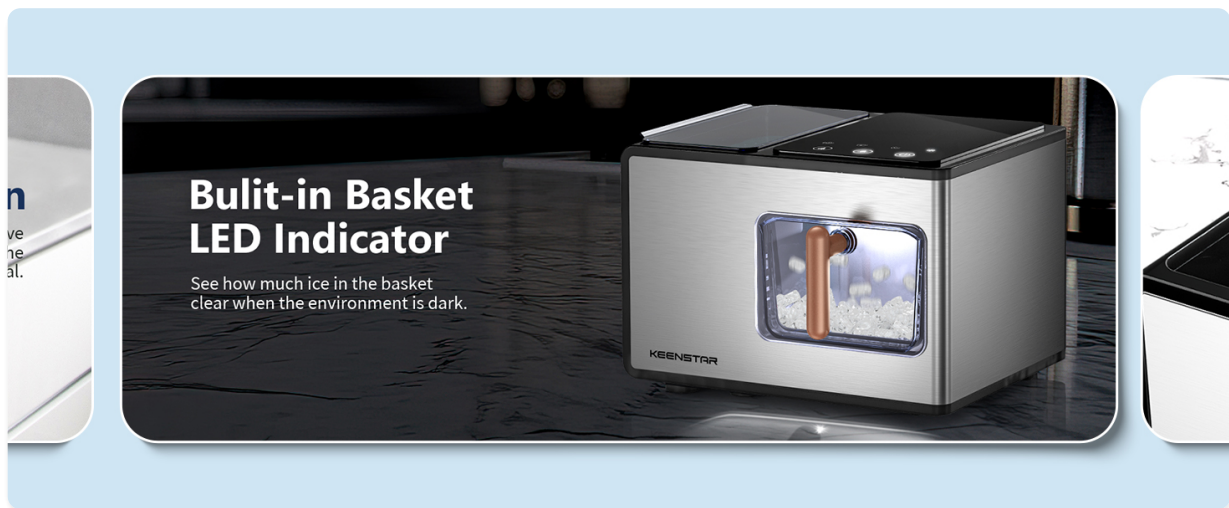


Image 6.2: Shows the KEENSTAR ICN1580 positioned next to a sink, with an arrow pointing to the drainage outlet on the side of the unit, illustrating how to easily drain water from the ice maker.

6.4 Descaling (Hard Water Areas)

If you live in an area with hard water, mineral deposits (limescale) can build up and affect performance. Descale the unit weekly or as needed.

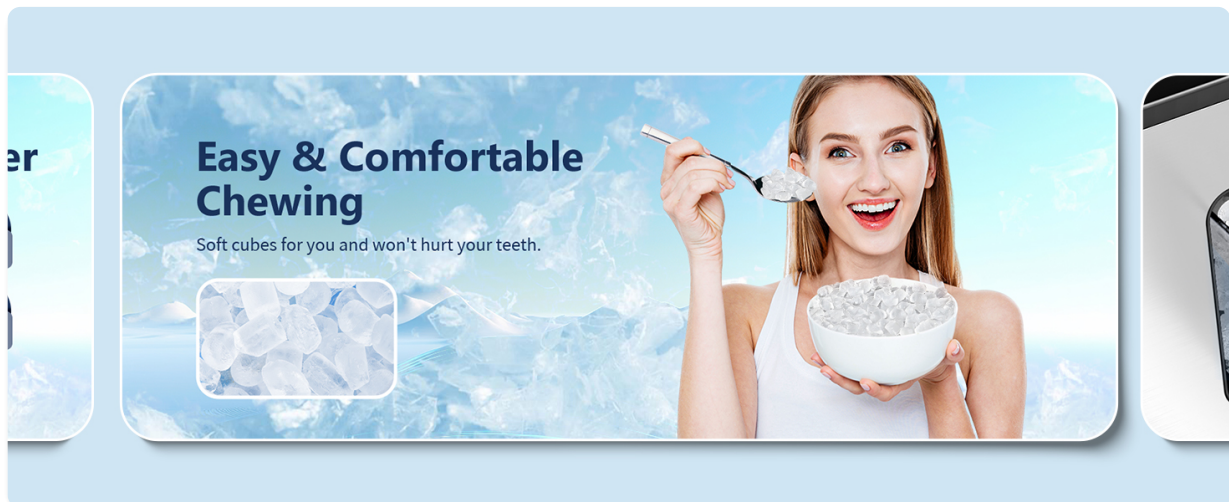


Image 6.3: This graphic explains how hard water can affect the ice maker, showing a map of calcium carbonate concentration in water across the US and detailing how to resolve blockages caused by water scale, including cleaning the filter screen.

To descale:

1. Stop the machine and allow any internal ice to melt.
2. Remove the filter screen and clean the front and back sides.
3. Fill the reservoir with a descaling solution (e.g., a mixture of water and white vinegar, or a commercial descaling agent suitable for ice makers).
4. Run the self-cleaning cycle (Section 6.1).
5. Drain the descaling solution completely.
6. Rinse the reservoir and run two to three self-cleaning cycles with fresh, clean water to remove any residual descaling solution. Drain after each cycle.

7. TROUBLESHOOTING

If you encounter issues with your ice maker, refer to the following table:

Problem	Possible Cause	Solution
Ice maker not turning on	No power supply	Check if the power cord is securely plugged in. Verify the outlet is functional.
"Add Water" indicator is on	Water reservoir is empty or low	Fill the water reservoir with potable water up to the max fill line.
"Ice Full" indicator is on	Ice basket is full	Remove ice from the basket. Ice production will resume automatically.
No ice production	Lack of water, high ambient temperature, or air blockage	Ensure water reservoir is full. Place the unit in a cooler environment. Check for proper ventilation.
Ice tastes unusual	First use, dirty water, or unit needs cleaning	Discard first few batches of ice. Use fresh, potable water. Perform a self-cleaning cycle.
Loud noise during operation	Unit not level, water scale buildup, or internal component issue	Ensure the unit is on a level surface. Perform descaling if in a hard water area. If noise persists, contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	KEENSTAR
Model Name	ICN1580
Product Dimensions (D x W x H)	18.5" x 11.4" x 13.7"
Weight	23.72 Pounds
Ice Production Capacity	Up to 40 lbs per 24 hours
Water Tank Capacity	2.1 Liters
Wattage	145 watts
Ice Type	Nugget (Pebble, Chewable) Ice
Control Type	Touch Screen

Feature	Detail
Special Features	Self-Cleaning Function, Ice Full/Add Water Indicators

9. WARRANTY AND SUPPORT

KEENSTAR offers the following warranty and support for your ICN1580 Nugget Ice Maker:

- **30-Day Money-Back Guarantee:** If you are not satisfied with your purchase, you may return it within 30 days for a full refund.
- **1-Year Free Replacement:** The product is eligible for a free replacement within 1 year from the date of purchase for any manufacturing defects.
- **Lifetime After-Customer Service:** KEENSTAR provides lifetime customer support for assistance with product inquiries, troubleshooting, and general guidance.

For any defective machine received or for further assistance, please contact KEENSTAR customer service immediately. Contact information can typically be found on the product packaging or the official KEENSTAR website.