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KEENSTAR ICN1586

KEENSTAR Nugget Ice Maker User Manual

Model: ICN1586
Brand: KEENSTAR

INTRODUCTION

Thank you for choosing the KEENSTAR Nugget Ice Maker. This appliance is designed to produce soft, chewable nugget ice for your home, office, parties, or RV. With a capacity of up to 40 lbs of ice per 24 hours and a 2.1L water tank, it ensures a continuous supply of fresh ice. This manual provides important information on setup, operation, maintenance, and troubleshooting to ensure safe and efficient use of your ice maker.



Figure 1: KEENSTAR Nugget Ice Maker (Red model) with ice basket and a drink.

SAFETY INFORMATION

Please read all instructions carefully before operating the appliance. Keep this manual for future reference.

- Ensure the ice maker is placed on a stable, level surface away from direct sunlight and heat sources.
- Do not immerse the appliance, cord, or plug in water or other liquids.
- Supervise children when the appliance is in use.
- Use only potable water in the water reservoir.
- Unplug the ice maker before cleaning or when not in use for extended periods.
- Do not operate the appliance with a damaged cord or plug.

PRODUCT COMPONENTS

Familiarize yourself with the parts of your KEENSTAR Nugget Ice Maker.



Figure 2: Intelligent Control Panel and Indicator Lights.

- **Control Panel:** Smart touch screen for operation.
- **Indicator Lights:**
 - **Add Water:** Illuminates when water reservoir needs refilling.
 - **Ice Full:** Illuminates when the ice basket is full.
 - **Cleaning:** Indicates self-cleaning mode is active.
 - **Power:** Indicates the unit is powered on.
- **Operation Touch Zone:**
 - **Selfclean Button:** Initiates self-cleaning cycle.
 - **LED Light Button:** Controls internal LED lighting (if applicable).
 - **ON/OFF Button:** Powers the unit on or off.
- **Water Reservoir:** Located under the lid, capacity 2.1 liters.
- **Ice Basket:** Removable basket for collecting nugget ice.

- **Drain Plug:** Located at the bottom for water drainage during cleaning.

SETUP

1. **Unpacking:** Carefully remove the ice maker from its packaging. Retain packaging for future storage or transport.
2. **Placement:** Place the ice maker on a flat, stable, and level surface. Ensure there is adequate ventilation around the unit (at least 6 inches of space on all sides). Avoid placing it near heat sources or in direct sunlight.



Figure 3: Compact and Space-Saving Design with dimensions.

The unit dimensions are approximately 14.6 inches (37 cm) deep, 11 inches (28 cm) wide, and 9.4 inches (24 cm) high.

3. **Initial Cleaning:** Before first use, it is recommended to clean the interior of the ice maker. Refer to the "Maintenance" section for detailed cleaning instructions. It is normal for the first batch of ice to have a slight taste; discard the first batch of ice produced.
4. **Fill Water Reservoir:** Open the lid and fill the water reservoir with clean, potable water up to the MAX fill line. Do not overfill.
5. **Connect Power:** Plug the power cord into a grounded electrical outlet (120 Volts).

OPERATING INSTRUCTIONS

1. **Power On:** Press the **ON/OFF Button** on the control panel to turn on the ice maker. The Power indicator light will illuminate.
2. **Ice Production:** Once powered on and water is in the reservoir, the ice maker will automatically begin the ice-making process. Fresh ice can be produced in as little as 12 minutes.



Figure 4: Ice Production Capability.

The ice maker has a daily production capacity of up to 40 lbs of nugget ice.

3. Indicator Lights:

- If the **Add Water** indicator light illuminates, the water reservoir is low. Refill with water to continue ice production.
- If the **Ice Full** indicator light illuminates, the ice basket is full. Remove ice from the basket to resume production.

4. **Ice Collection:** Once ice is produced, pull out the removable ice basket to collect the nugget ice.

5. **Automatic Restart:** For maximum water efficiency, unused ice will slowly melt back into the reservoir, and ice production will restart automatically when the ice level drops or water is added.

6. **Power Off:** Press the **ON/OFF Button** again to turn off the ice maker.

MAINTENANCE

Regular cleaning and maintenance will prolong the life of your ice maker and ensure fresh-tasting ice.

Automatic Self-Cleaning Function

1. Ensure there is water in the reservoir.
2. Press and hold the **'SELF-CLEAN'** button on the control panel for more than 3 seconds.
3. The cleaning cycle will begin and typically takes about 7 minutes to complete. The Cleaning indicator light will be active.
4. After the cycle, drain the water from the unit using the drain plug at the bottom.



Figure 5: Automatic Self-Cleaning Process.

Manual Cleaning

- Unplug the ice maker before any manual cleaning.
- Drain all water from the reservoir using the drain plug.
- Clean the interior with a soft cloth and a mild detergent. Rinse thoroughly with clean water.
- Wipe the exterior with a damp cloth. Do not use abrasive cleaners or solvents.

- Ensure all parts are dry before plugging the unit back in.
- It is recommended to perform a self-cleaning cycle weekly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Ice maker not producing ice.	No water in reservoir; unit not powered on; ice basket full.	Fill water reservoir; press ON/OFF button; empty ice basket.
Ice has an unusual taste.	First batch of ice; unit needs cleaning.	Discard first batch of ice; perform self-cleaning cycle.
Ice melts quickly.	Ice basket is not refrigerated; ambient temperature is high.	This is normal for countertop ice makers. Transfer ice to a freezer or insulated cooler for longer storage.
Unit is loud during operation.	Normal operational noise; unit not level.	Ensure unit is on a stable, level surface. Some operational noise is normal for ice makers.

SPECIFICATIONS

- **Model:** ICN1586
- **Brand:** KEENSTAR
- **Product Dimensions:** 47D x 29W x 34.8H Centimetres (approx. 18.5D x 11.4W x 13.7H inches)
- **Weight:** 10.76 kg (approx. 23.7 lbs)
- **Capacity (Water Tank):** 2.1 liters
- **Ice Production:** Up to 40 lbs per 24 hours
- **Wattage:** 145 watts
- **Voltage:** 120 Volts
- **Refrigerant:** R600a

WARRANTY & SUPPORT

KEENSTAR offers comprehensive support for your ice maker.

- **Money-Back Guarantee:** 30-day money-back guarantee from the date of purchase.
- **Free Replacement:** Free replacement within 1 year from the date of purchase.
- **Customer Service:** Lifetime after-customer service.

For any defective machine or support inquiries, please contact KEENSTAR customer service. Contact details can typically be found on the product packaging or the official KEENSTAR website.