

## SNOOKER SK-529

# SNOOKER SK-529 Ice Machine Head User Manual

Model: SK-529

## 1. INTRODUCTION

Thank you for choosing the SNOOKER SK-529 Ice Machine Head. This manual provides essential information for the safe and efficient operation, installation, maintenance, and troubleshooting of your new ice machine. Please read this manual thoroughly before operating the unit and retain it for future reference. This unit is designed for commercial use and produces ice flakes or cubes, depending on the specific configuration, and requires a separate ice storage bin (not included).



Figure 1: Front view of the SNOOKER SK-529 Ice Machine Head. This image displays the stainless steel exterior of the ice machine head, featuring the 'Snooker' brand logo on the top left corner. The unit has a sleek, rectangular design with black trim along the top and bottom edges. The right side of the machine shows ventilation grilles and a small access panel.

## 2. SAFETY INSTRUCTIONS

---

**WARNING:** Failure to follow these safety instructions may result in fire, electric shock, serious injury, or property damage.

- **Electrical Safety:** Ensure the unit is connected to a properly grounded electrical outlet with the correct voltage and amperage as specified on the product label. Do not use extension cords or adapter plugs. Disconnect power before performing any maintenance or cleaning.
- **Water Supply:** Connect the unit to a potable water supply with appropriate pressure. Install a water filter if necessary to prevent mineral buildup. Ensure all water connections are secure to prevent leaks.
- **Refrigerant:** This unit contains R410a refrigerant. Servicing should only be performed by qualified personnel. Do not puncture the refrigerant lines.
- **Ventilation:** Maintain adequate clearance around the machine for proper airflow and heat dissipation. Blocked vents can lead to overheating and reduced efficiency.
- **Placement:** Install the machine on a level, stable surface capable of supporting its weight when full of ice. Avoid direct sunlight or heat sources.
- **Cleaning:** Use only recommended cleaning agents and follow cleaning procedures carefully. Do not use abrasive cleaners or sharp objects that could damage surfaces.
- **Children and Pets:** Keep children and pets away from the appliance.

## 3. SETUP AND INSTALLATION

---

### 3.1 Unpacking

- Carefully remove the ice machine from its packaging.
- Inspect the unit for any shipping damage. Report any damage to your supplier immediately.
- Remove all packing materials, tapes, and protective films from the unit.

### 3.2 Location Requirements

- Place the ice machine head on a sturdy, level surface.
- Ensure the ambient temperature is between 50°F (10°C) and 90°F (32°C).
- Allow at least 6 inches (15 cm) of clearance on the back and sides for proper ventilation.
- The unit must be installed directly over a compatible ice storage bin (sold separately).

### 3.3 Electrical Connection

- Verify that the electrical supply matches the requirements listed on the unit's serial plate.
- Connect the machine to a dedicated, grounded electrical circuit.
- Do not use multi-outlet adapters or extension cords.

### 3.4 Water Connection

- Connect the potable water inlet line to the designated water inlet on the machine. An inline water filter is highly recommended.
- Connect the drain line from the ice machine and the ice bin to an open, adequately sized floor drain. Ensure proper slope for drainage.
- Turn on the water supply and check for leaks at all connections.

### 3.5 Initial Cleaning

- Before first use, clean the interior of the ice machine and the ice bin according to the "Maintenance" section.

## 4. OPERATING INSTRUCTIONS

---

### 4.1 Powering On

- Ensure all connections (electrical, water inlet, drain) are secure.
- Turn on the water supply valve.
- Plug the unit into the grounded electrical outlet or turn on the dedicated circuit breaker.
- Locate the ON/OFF switch (typically on the front or side panel) and switch it to the "ON" position.

### 4.2 Ice Production Cycle

- Once powered on, the machine will initiate its ice-making cycle automatically.
- Water will fill the reservoir, and the refrigeration system will begin to freeze the water into ice.
- After the ice is formed, it will be harvested and dropped into the ice storage bin below.
- The machine will continue to produce ice until the bin is full (detected by a sensor) or the unit is turned off.

### 4.3 Powering Off

- To turn off the machine, switch the ON/OFF switch to the "OFF" position.
- For extended periods of non-use or maintenance, also turn off the water supply and unplug the unit.

## 5. MAINTENANCE

---

Regular maintenance is crucial for the longevity and efficient operation of your SNOOKER SK-529 Ice Machine Head. Always disconnect power and turn off the water supply before performing any maintenance.

### 5.1 Exterior Cleaning (Weekly)

- Wipe down the exterior surfaces with a soft cloth dampened with mild soap and water.
- Clean the air filter (if accessible) by rinsing it under running water. Allow it to dry completely before reinserting.

### 5.2 Interior Cleaning and Sanitizing (Monthly or Bi-Monthly)

- Remove all ice from the bin.
- Prepare a cleaning solution using an ice machine cleaner (e.g., nickel-safe descaler) according to the product's instructions.
- Follow the machine's specific cleaning cycle instructions (refer to control panel or service manual if available). This typically involves running the cleaning solution through the system.
- After cleaning, run a sanitizing solution (e.g., diluted bleach solution) through the system, followed by several rinse cycles with fresh water.
- Thoroughly clean the ice storage bin with a sanitizing solution and rinse well.

### 5.3 Water Filter Replacement (Every 3-6 Months)

- If an external water filter is installed, replace the cartridge every 3 to 6 months, or as recommended by the filter manufacturer, to ensure optimal water quality and prevent scale buildup.

### 5.4 Long-Term Storage

- Turn off the machine, disconnect power, and shut off the water supply.
- Drain all water from the system and the ice bin.
- Clean and sanitize the unit thoroughly.
- Store in a clean, dry, and temperature-controlled environment.

## 6. TROUBLESHOOTING

Before contacting service, please review the following common issues and their potential solutions.

Problem	Possible Cause	Solution
Machine does not turn on.	No power, ON/OFF switch off, tripped breaker.	Check power cord, switch position, and circuit breaker.
No ice production.	No water supply, clogged water filter, high ambient temperature, refrigerant issue.	Check water supply, replace filter, ensure proper ventilation. Contact service for refrigerant issues.
Poor ice quality (small, soft, cloudy).	Poor water quality, scale buildup, high ambient temperature.	Install/replace water filter, perform descaling, ensure proper ventilation.
Water leaks.	Loose water connections, clogged drain line.	Tighten connections, clear drain line.
Unusual noise.	Loose components, fan obstruction, compressor issue.	Inspect for loose parts or obstructions. If noise persists, contact service.

If the problem persists after attempting these solutions, please contact qualified service personnel.

## 7. SPECIFICATIONS

**Brand:** SNOOKER

**Model Name:** Ice Machine SK-529

**Refrigerant:** R410a

**Material:** Plastic, Stainless Steel

**Manufacturer:** SNOOKER

**ASIN:** B0935MJC8T

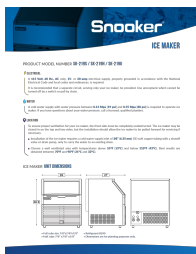
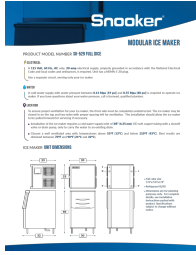
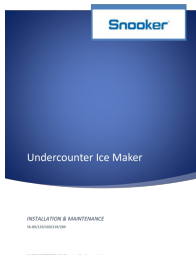

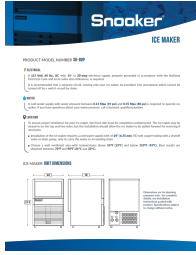
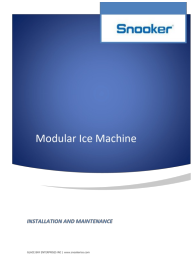
**Global Trade Identification Number (GTIN):** 00850003682204

*Note: Specific electrical requirements (voltage, amperage) and ice production capacity are typically found on the product's serial plate.*

## 8. WARRANTY AND SUPPORT

SNOOKER products are manufactured to high-quality standards. For information regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your purchase or visit the official SNOOKER website.

For technical support, parts, or service inquiries, please contact SNOOKER customer service. Have your model number (SK-529) and serial number ready when contacting support.

	<p><a href="#">Snooker SK-219 Series Ice Maker: Specifications and Installation Guide</a></p> <p>Comprehensive guide for Snooker SK-219S, SK-219H, and SK-219U ice makers, detailing electrical, water, location, dimensions, and drain connection requirements. Features ENERGY STAR and ETL certifications.</p>
	<p><a href="#">Snooker SK-529 Full Dice Modular Ice Maker Installation Guide</a></p> <p>Installation and technical specifications for the Snooker SK-529 Full Dice Modular Ice Maker, covering electrical, water, location, and drain connection requirements.</p>
	<p><a href="#">Snooker Undercounter Ice Maker Installation and Maintenance Manual</a></p> <p>This comprehensive manual from Glace Bay Enterprises Inc. guides users through the proper installation, operation, and maintenance of Snooker Undercounter Ice Makers. It includes essential safety precautions, step-by-step installation procedures, operational insights, troubleshooting advice, and warranty details for models SK-89, SK-129, SK-169, SK-219, SK-289, SK-169S, SK-289S, and SK-219S.</p>
	<p><a href="#">Snooker Ice Machines: Comprehensive Catalog and Specifications</a></p> <p>Explore the full range of Snooker ice machines, including cube, bullet, granular, flake, crescent, and chewblet ice types. View detailed specifications, models, and product advantages from Shanghai Chuangli Refrigeration Equipment Co., Ltd.</p>
	<p><a href="#">Snooker SK-80P Ice Maker: Specifications and Installation Guide</a></p> <p>Comprehensive guide to the Snooker SK-80P Ice Maker, detailing electrical, water, location, and drain connection requirements for proper installation and operation.</p>
	<p><a href="#">Snooker Modular Ice Machine Installation and Maintenance Manual</a></p> <p>This manual provides comprehensive instructions for the installation, operation, maintenance, and troubleshooting of Snooker Modular Ice Machines. It covers safety precautions, installation steps, startup procedures, operation instructions, control panel functions, and a detailed fault code guide.</p>