

Scotsman HD22B-1

Scotsman HD22B-1 Hotel Ice Dispenser User Manual

Model: HD22B-1

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installing, operating, or performing maintenance on this ice dispenser. Failure to follow these instructions may result in property damage, personal injury, or death. Keep this manual for future reference.

- Always disconnect power before servicing the unit.
- Ensure proper grounding to prevent electrical shock.
- Do not operate the unit with damaged power cords or plugs.
- Use only potable water for ice production.
- Keep hands and foreign objects out of the ice dispensing area.
- This appliance 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.

2. PRODUCT OVERVIEW

The Scotsman HD22B-1 is a robust hotel ice dispenser designed for commercial use, offering convenient and sanitary ice access for guests. It features a 120 lb storage capacity and is built for durability and ease of use.

2.1 Key Features

- Model: HD22B-1
- Ice Storage Capacity: 120 lbs
- Electrical Requirements: 115 Volts, 1 Phase, 60 Watts
- Dimensions (approximate): 22 inches (Width) x 34 inches (Depth) x 54 inches (Height)
- Weight: 199 lbs
- Certifications: UL, NSF, ARI

2.2 Product Image



Figure 1: Front view of the Scotsman HD22B-1 Hotel Ice Dispenser. This image shows the main body of the dispenser with its ice dispensing chute and control panel.

3. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your ice dispenser. It is recommended that installation be performed by a qualified technician.

3.1 Site Requirements

- **Location:** Choose a level, sturdy surface capable of supporting the unit's weight (199 lbs empty, plus ice). Ensure adequate clearance around the unit for ventilation and servicing.
- **Electrical:** A dedicated 115 Volt, 1 Phase, 60 Hz electrical outlet with proper grounding is required. Do not use extension cords.
- **Water Supply:** A potable cold water supply with a shut-off valve is necessary. Water pressure should be between 20-80 psi.
- **Drainage:** A floor drain or suitable drainage system must be available for water discharge.
- **Ambient Temperature:** Operate the unit in an environment where the ambient temperature is between

50°F (10°C) and 100°F (38°C).

3.2 Unpacking

1. Carefully remove the dispenser from its packaging.
2. Inspect the unit for any shipping damage. Report any damage immediately to the carrier and your dealer.
3. Remove all packing materials, tape, and protective films from the exterior and interior of the unit.

3.3 Electrical Connection

Connect the dispenser's power cord to the dedicated 115 Volt, 1 Phase, 60 Hz grounded electrical outlet. Ensure the circuit breaker is off before connecting and on after connection.

3.4 Water Supply and Drain Connection

Connect the water inlet line to the potable cold water supply. Connect the drain line from the dispenser to the floor drain, ensuring proper slope for gravity drainage. Consult local plumbing codes.

3.5 Leveling the Unit

Use a level to ensure the dispenser is perfectly level from front to back and side to side. Adjust the leveling feet as necessary to prevent operational issues and ensure proper drainage.

4. OPERATING INSTRUCTIONS

This section provides basic instructions for operating your Scotsman HD22B-1 ice dispenser.

4.1 Initial Startup

1. Ensure all installation steps are complete and verified.
2. Turn on the water supply to the unit.
3. Plug the unit into the electrical outlet or turn on the circuit breaker.
4. The ice machine (sold separately, typically mounted on top) will begin producing ice, which will then fill the dispenser's storage bin.

4.2 Dispensing Ice

1. Place an ice bucket or container under the ice dispensing chute.
2. Press and hold the dispense lever or button. Ice will be dispensed into your container.
3. Release the lever/button to stop dispensing ice.

4.3 Shutting Down the Unit

For temporary shutdown, simply turn off the ice machine connected to the dispenser. For extended periods or servicing:

1. Turn off the ice machine.
2. Turn off the water supply to the unit.
3. Disconnect the unit from the electrical power source.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ice dispenser. Always disconnect power before performing any maintenance.

5.1 Regular Cleaning

- **Exterior:** Wipe down the exterior surfaces with a soft cloth and mild soap and water solution. Rinse thoroughly and dry. Do not use abrasive cleaners or pads.
- **Ice Chute:** Regularly clean the ice dispensing chute to prevent mold or bacterial growth. Use a food-safe sanitizer solution.
- **Drip Tray:** Empty and clean the drip tray regularly.

5.2 Sanitization

The interior of the ice storage bin and dispensing mechanism should be sanitized periodically (e.g., every 6 months) using a Scotsman-approved sanitizer solution. Follow the sanitizer manufacturer's instructions carefully.

5.3 Water Filter Replacement (if applicable)

If your ice machine system includes a water filter, replace it according to the manufacturer's recommendations, typically every 6 months or when ice quality diminishes.

5.4 Long-Term Storage

If the unit will be stored for an extended period, ensure it is thoroughly cleaned, sanitized, and dried. Disconnect water and power, and drain all water from the system.

6. TROUBLESHOOTING

Before calling for service, consult the following table for common issues and their solutions.

Problem	Possible Cause	Solution
No ice dispensed	No power to unit Ice bin empty Dispense mechanism jammed	Check power connection and circuit breaker Check ice machine operation Inspect chute for obstructions
Slow ice dispensing	Low ice level Partial obstruction in chute	Allow ice machine to produce more ice Clean ice chute
Water leaks from unit	Loose water connections Clogged drain line Unit not level	Tighten connections Clear drain line Level the unit
Unusual noise during operation	Loose components Motor issue	Inspect for loose parts Contact qualified service technician

7. SPECIFICATIONS

- **Model:** HD22B-1
- **Brand:** Scotsman
- **Capacity:** 120 Pounds (Ice Storage)
- **Voltage:** 115 Volts
- **Phase:** 1 Phase

- **Frequency:** 60 Hz
- **Power Consumption:** 60 Watts (Dispenser only)
- **Item Weight:** 199 Pounds
- **Width:** 22 inches
- **Depth:** 34 inches
- **Height:** 54 inches
- **Certifications:** UL, NSF, ARI

8. WARRANTY AND SUPPORT

This Scotsman HD22B-1 ice dispenser comes with a standard manufacturer's warranty. Please refer to the separate warranty document provided with your purchase for specific terms and conditions, including coverage duration and limitations.

For technical support, parts, or warranty claims, please contact your authorized Scotsman dealer or visit the official Scotsman website for customer service contact information.