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Scotsman FS0522A-1+B322S

Scotsman Prodigy Plus Modular Commercial Flake Ice Maker Machine User Manual

Model: FS0522A-1 Ice Maker Head with B322S Ice Bin

Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Scotsman Prodigy Plus Modular Commercial Flake Ice Maker Machine (Model FS0522A-1) paired with the B322S Ice Bin. Please read this manual thoroughly before attempting to install or operate the unit. Retain this manual for future reference.



Image: Scotsman Prodigy Plus Flake Ice Maker Machine (FS0522A-1) mounted on a B322S Ice Bin.

Safety Information

Always observe basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury. This appliance is intended for commercial use only and should be installed and serviced by qualified personnel.

- Ensure the unit is properly grounded.
- Disconnect power before performing any maintenance or service.
- Do not operate the unit with damaged cords or plugs.
- Keep ventilation openings clear of obstructions.
- Use only potable water for ice production.

Setup and Installation

Proper installation is crucial for the performance and longevity of your ice machine. This unit consists of an ice maker head and a separate storage bin that must be assembled.

Unpacking and Inspection

1. Carefully remove all packaging materials.
2. Inspect the unit for any shipping damage. Report any damage to the carrier immediately.
3. Verify that all included components are present: Ice Maker Head (FS0522A-1) and Storage Bin (B322S).

Location Requirements

- Install on a level, sturdy surface capable of supporting the unit's weight when full of ice and water.
- Ensure adequate air circulation around the unit. Do not block the front-facing removable dust screen.
- Maintain ambient temperatures between 50°F (10°C) and 100°F (38°C).
- Avoid direct sunlight or proximity to heat-generating equipment.

Electrical and Plumbing Connections

- **Electrical:** The unit requires a 115 Volt electrical supply. A dedicated circuit with proper overcurrent protection is recommended. All electrical connections must comply with local and national codes.
- **Water Supply:** Connect to a potable water supply with appropriate pressure and filtration.
- **Drainage:** Ensure proper drainage for melted ice and wastewater.



Image: Scotsman FS0522A-1 Ice Maker Head, showing the front air intake.



Image: Scotsman B322S Ice Storage Bin, featuring a top-hinged front-opening door.

Operating Instructions

Initial Startup

1. After installation, ensure all connections are secure and water supply is open.
2. Plug the unit into the appropriate electrical outlet.
3. Turn on the main power switch, typically located on the control panel.
4. The machine will begin its ice-making cycle automatically. The first batch of ice may take longer to produce.

Ice Production and Storage

The FS0522A-1 ice maker produces up to 450 lbs of flake ice per 24 hours under optimal conditions (70°F air / 50°F water). AHRI certified production is 343 lbs per 24 hours (90°F air / 70°F water).

- The B322S ice bin has a capacity of 370 lbs.

- Access ice through the top-hinged front-opening door.
- Use a clean scoop to retrieve ice. Do not use hands or other unhygienic tools.

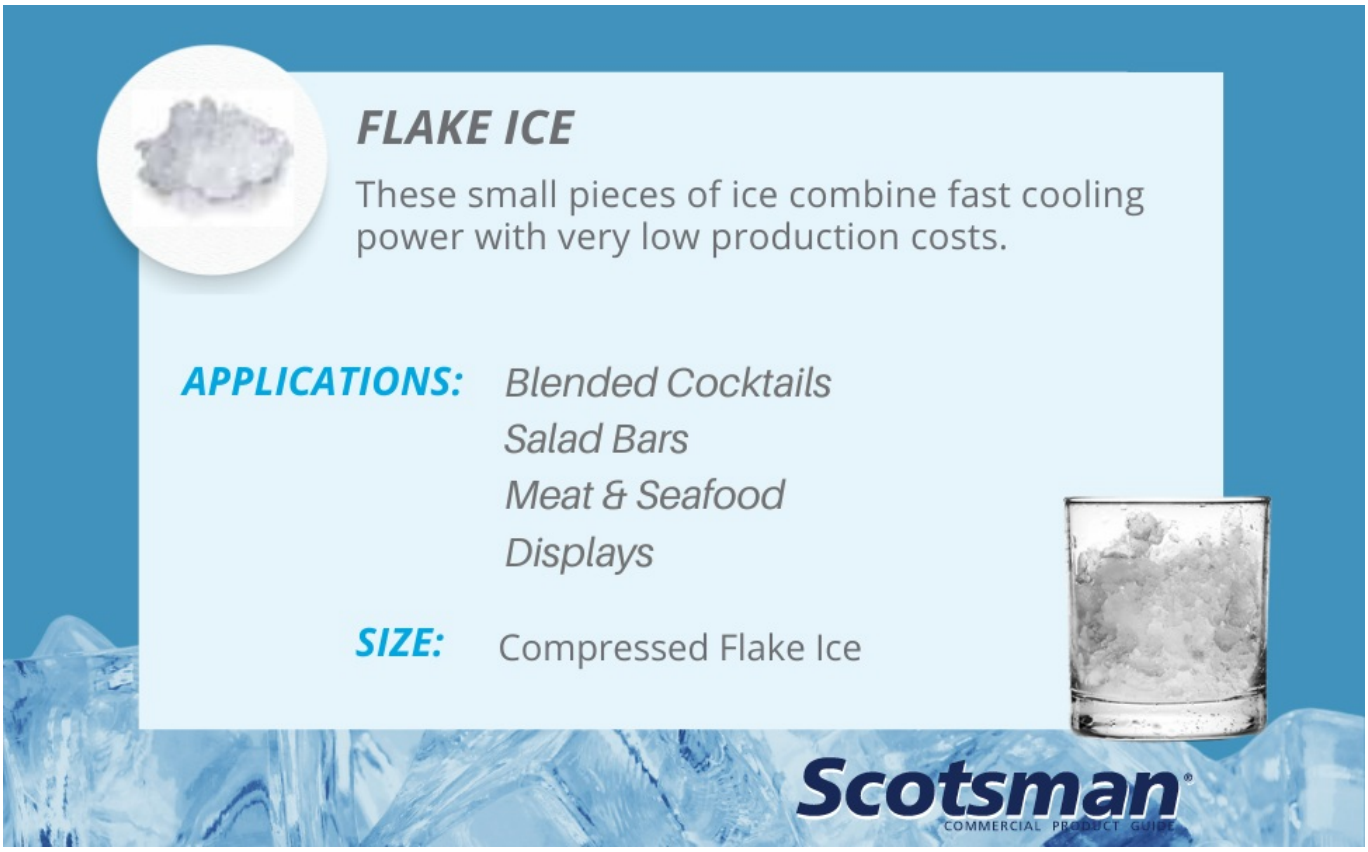


Image: Close-up view of flake ice produced by the machine.

Maintenance

Regular maintenance ensures optimal performance, hygiene, and extends the lifespan of your Scotsman ice machine.

Daily/Weekly Maintenance

- Keep the exterior surfaces clean with a mild detergent and soft cloth.
- Ensure the ice bin is clean and free of debris. The toolless removable baffle in the B322S bin facilitates cleaning.

Monthly/Quarterly Maintenance

- **Clean Air Filter:** The unit features a front-facing removable dust screen (air filter). Clean it regularly to maintain airflow and efficiency.
- **One-Touch Cleaning:** Utilize the machine's one-touch cleaning cycle as per the instructions on the unit's control panel.
- **AutoAlert Indicating Lights:** Monitor the AutoAlert indicating lights on the control panel for operational status and maintenance reminders.



Image: Close-up of the control panel showing AutoAlert Indicating Lights and QR code.



Image: Illustration of the removable air filter for easy cleaning.

Annual Maintenance

- It is recommended to have a qualified service technician perform an annual inspection and deep cleaning of the ice machine's internal components.
- The unit features sealed, maintenance-free bearings, eliminating the need for periodic lubrication.



Image: Diagram illustrating the sealed, maintenance-free bearings.

TROUBLESHOOTING

Before contacting service, review the following common issues and solutions. For more detailed diagnostics, refer to the unit-specific QR code on the control panel or the full service manual.

Problem	Possible Cause	Solution
No ice production	No power, water supply off, clogged filter, high ambient temperature.	Check power connection, ensure water supply is open, clean air filter, verify operating environment.

Problem	Possible Cause	Solution
Low ice production	Dirty air filter, high ambient/water temperature, restricted water flow.	Clean air filter, ensure proper ventilation, check water pressure and filtration.
Unusual noises	Loose components, motor issues.	Contact qualified service personnel.
AutoAlert light illuminated	Indicates a specific operational status or maintenance requirement.	Scan the QR code on the control panel for specific diagnostic information or consult the full service manual.

Specifications

Feature	Detail
Brand	Scotsman
Model Name	Prodigy Plus (FS0522A-1 Ice Maker Head, B322S Storage Bin)
Product Dimensions (D x W x H)	58" x 44" x 73" (Combined Unit)
Ice Bin Capacity	370 Pounds
Daily Ice Production (Optimal)	Up to 450 lbs/day (70°F Air / 50°F Water)
Daily Ice Production (AHRI Certified)	343 lbs/day (90°F Air / 70°F Water)
Voltage	115 Volts
Refrigerant	R404a
Material Type	Stainless Steel
Included Components	Ice Maker Head, Storage Bin

Warranty Information

For detailed warranty terms and conditions, please refer to the official warranty documentation provided with your product or visit the Scotsman Ice Systems official website. Warranty coverage typically includes parts and labor for a specified period from the date of purchase, covering defects in material or workmanship.

Customer Support

If you require technical assistance, service, or have questions regarding your Scotsman ice machine, please contact your authorized Scotsman dealer or visit the official Scotsman Ice Systems website for support resources and contact information.
When contacting support, please have your model number (FS0522A-1) and serial number readily available.

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