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Beverage Air HF3-5S

Beverage-Air HF3-5S Horizon Series Three Section Reach-In Freezer Instruction Manual

Model: HF3-5S | Brand: Beverage-Air

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Beverage-Air HF3-5S Horizon Series Three Section Reach-In Freezer. Please read this manual thoroughly before operating the unit and retain it for future reference.

1.1 Safety Information

Always observe basic safety precautions when using this appliance to reduce the risk of fire, electric shock, or injury. Ensure the unit is properly grounded. Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance. Disconnect power before performing any maintenance or cleaning.



This image displays the Beverage-Air HF3-5S commercial reach-in freezer. It features a stainless steel front with three solid swing doors, each equipped with a handle. The unit is mounted on casters for mobility. The top-mounted refrigeration system is visible above the doors.

2. SETUP AND INSTALLATION

2.1 Unpacking

Carefully remove all packaging materials. Inspect the freezer for any shipping damage. Report any damage immediately to the carrier and your supplier.

2.2 Placement

Position the freezer on a level, sturdy surface capable of supporting its weight (approximately 873 lbs). Ensure adequate clearance around the unit for proper ventilation, especially for the top-mounted refrigeration system. The unit is equipped with 6-inch casters for ease of movement during installation.

2.3 Electrical Connection

The Beverage-Air HF3-5S freezer requires a 208/230V, 1 HP, 4-wire electrical circuit. This unit is designed for field

wiring and must be hard-wired by a qualified electrician in accordance with all local and national electrical codes. Ensure the power supply matches the unit's requirements.

3. OPERATING INSTRUCTIONS

3.1 Initial Startup

1. After electrical connection, allow the unit to sit for at least 2 hours before powering on to allow refrigerants to settle.
2. Turn on the main power switch.
3. The electronic control with digital display will activate. Allow the freezer to reach its operating temperature of approximately 0°F (-18°C) before loading products.

3.2 Temperature Control

The electronic control system allows for precise temperature management. Refer to the digital display for the current internal temperature. Consult the separate control panel manual (if provided) for detailed instructions on adjusting temperature settings.

3.3 Loading and Access

- The freezer features three solid swing doors with a 120° stay-open feature for convenient loading and unloading.
- Each door section contains three epoxy-coated steel wire shelves, adjustable in 1/2-inch increments, to accommodate various product sizes.
- Interior lighting illuminates the cabinet for better visibility of contents.

3.4 Automatic Defrost

The unit is equipped with an automatic defrost system, which periodically removes frost buildup from the evaporator coil. This process is managed by the electronic control system and does not require manual intervention.

4. MAINTENANCE

4.1 Cleaning

- **Exterior:** Clean the stainless steel front and gray painted sides regularly with a mild detergent and a soft cloth. Avoid abrasive cleaners.
- **Interior:** The aluminum interior should be cleaned periodically with a non-abrasive cleaner. Remove shelves for thorough cleaning.
- **Door Handles:** The antimicrobial handles should be wiped down regularly to maintain hygiene.
- **Condenser Coil:** The top-mounted refrigeration system includes a condenser coil that requires regular cleaning to ensure efficient operation. Access is provided via a removable access panel. Consult a qualified technician for this procedure.

4.2 Routine Checks

- Inspect door gaskets for tears or damage that could affect sealing.
- Ensure shelves are securely in place.
- Monitor the digital display for consistent temperature readings.

5. TROUBLESHOOTING

Before contacting service, review the following common issues:

- **Unit Not Running:** Check power supply, circuit breaker, and ensure the unit is plugged in correctly (if applicable for initial setup, though this unit is hard-wired).
- **Insufficient Cooling:** Verify temperature setting, ensure doors are closing properly, check for excessive frost buildup (though automatic defrost is present, severe issues could occur), and ensure condenser coil is clean.
- **Unusual Noise:** Check for loose components or obstructions around the fan motor.

For issues not resolved by these steps, contact a qualified service technician.

6. SPECIFICATIONS

| Feature | Detail |
|-------------------------|---|
| Model | HF3-5S |
| Type | Three Section Solid Door Reach-In Freezer |
| Capacity | 74.0 Cu. Ft. |
| Dimensions (W x D x H) | 78" x 32" x 84.5" |
| Temperature Range | Holds at or near 0°F (-18°C) |
| Refrigeration System | Top-mounted, Expansion Valve Technology, Automatic Defrost |
| Compressor | 1 HP |
| Electrical Requirements | 208/230V, 4-wire electrical circuit (field wired) |
| Exterior Material | Stainless Steel Front, Gray Painted Sides |
| Interior Material | Aluminum |
| Doors | 3 Solid Swing Doors, 120° Stay Open Feature, Antimicrobial Handles |
| Shelving | 3 Epoxy-Coated Steel Wire Shelves per door, adjustable in 1/2" increments |
| Mobility | 6" Casters |
| Approximate Weight | 873 lbs |

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation provided at the time of purchase or contact Beverage-Air customer service directly. Ensure you have your model number (HF3-5S) and serial number available when contacting support.

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Related Documents - HF3-5S

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|---|--|
|  | <p>Beverage-Air WTFCS60HC-64 Chef Base Freezer - Specifications and Features</p> <p>Detailed specifications, features, and construction details for the Beverage-Air WTFCS60HC-64 Chef Base Freezer, including cabinet construction, refrigeration system, dimensions, and electrical data.</p> |
|  | <p>Beverage-Air Parts Manual for Refrigerators and Freezers</p> <p>Comprehensive parts manual for Beverage-Air refrigerators and freezers, detailing components, model numbers, and part numbers for various series including SP, DP, UC, WT, SPD, WTRD, UCRD, and WTF. Includes illustrations and detailed tables for easy part identification.</p> |
|  | <p>Beverage-Air BB58HC-B Solid Door Back Bar Refrigerator Specifications & Features</p> <p>Detailed specifications and features for the Beverage-Air BB58HC-B Solid Door Back Bar Refrigerator. This commercial unit offers robust construction with black painted steel exterior and stainless steel interior, efficient R290 refrigeration, electronic controls, and LED lighting. It includes a 7-year warranty and meets ENERGY STAR requirements. Ideal for bars and restaurants requiring reliable product chilling.</p> |
|  | <p>Beverage-Air MMF Freezer Installation and Operating Instructions</p> <p>This manual provides detailed installation, operation, safety, and maintenance instructions for Beverage-Air MMF Series commercial freezers. Learn about setup, usage, cleaning, troubleshooting, and warranty information to ensure optimal performance and longevity.</p> |
|  | <p>Beverage-Air BB72HC-B Back Bar Refrigerator - Specifications & Features</p> <p>Detailed specifications, features, dimensions, and options for the Beverage-Air BB72HC-B commercial back bar refrigerator, including cabinet construction, refrigeration system, and electrical data.</p> |
|  | <p>Beverage-Air WTRCS112HC-120 Chef Base Refrigerator Specifications</p> <p>Detailed specifications for the Beverage-Air WTRCS112HC-120 Chef Base Refrigerator, featuring six drawers, extended top, stainless steel construction, and advanced refrigeration system.</p> |

