

Adcraft USRFS-2D/B

Adcraft USRFS-2D/B U-Star 2-Door 45-Cubic Feet Refrigerator Merchandiser

INSTRUCTION MANUAL

Brand: Adcraft | Model: USRFS-2D/B

1. Product Overview

The Adcraft USRFS-2D/B U-Star Refrigerator Merchandiser is a commercial-grade, two-section refrigeration unit designed for displaying and storing various products at optimal temperatures. It features a spacious 45.0 cubic feet capacity, anti-fogging self-closing sliding doors, and an illuminated interior for enhanced visibility.

- **Temperature Range:** Maintains temperatures between 32°F and 41°F.
- **Insulation:** Foamed-in-place polyurethane high-density cell insulation for efficient temperature retention.
- **Visibility:** Bright interior lights and a front-mounted LED temperature display.
- **Shelving:** Includes 8 adjustable plastic-coated steel shelves.
- **Maintenance:** Features removable door gaskets for easy cleaning and automatic defrosting.



Figure 1: Front view of the Adcraft USRFS-2D/B U-Star 2-Door Refrigerator Merchandiser. This image shows the black exterior, two glass sliding doors, and the illuminated interior with multiple white shelves. The top panel features the "XINGX" brand logo.

2. Safety Information

Please read all safety instructions carefully before operating the merchandiser to prevent injury or damage to the unit. Keep this manual for future reference.

- **Electrical Safety:** Ensure the unit is connected to a grounded 115V/60Hz/1-ph power supply with a dedicated circuit. Do not use extension cords.
- **Ventilation:** Maintain adequate clearance around the unit for proper air circulation to prevent overheating. Refer to the setup section for specific clearances.
- **Handling:** The unit is heavy (532 lbs). Use appropriate lifting equipment and personnel when moving. Avoid tilting the unit excessively.
- **Flammable Materials:** Do not store flammable or explosive materials inside or near the merchandiser.
- **Cleaning:** Disconnect power before cleaning. Use non-abrasive cleaners.
- **Children:** Keep children away from the unit. Ensure doors cannot be accidentally closed on children.

3. Setup and Installation

1. **Unpacking:** Carefully remove all packaging materials, including protective films and tapes. Inspect the unit for any shipping damage. Report any damage to the carrier immediately.
2. **Placement:**
 - Place the merchandiser on a strong, level surface capable of supporting its weight (532 lbs empty, plus contents).
 - Ensure adequate ventilation. Maintain a minimum clearance of 4 inches (10 cm) from walls or other obstructions on the sides and rear, and 12 inches (30 cm) above the unit for proper airflow to the condenser.
 - Avoid direct sunlight or heat sources, as this can affect cooling efficiency.
3. **Leveling:** Use a spirit level to ensure the unit is perfectly level. Adjust the leveling feet at the bottom of the unit as needed. Proper leveling is crucial for door alignment and drainage.
4. **Electrical Connection:**
 - Connect the 7-foot power cord with NEMA 5-15P plug to a dedicated 115V/60Hz/1-ph grounded electrical outlet.
 - The unit draws 9.2 amps and requires a 1/2 HP compressor. Ensure the circuit can handle this load.
 - Do not use adapter plugs or extension cords.
5. **Shelf Installation:**
 - Install the 8 adjustable plastic-coated steel shelves into the desired positions using the shelf clips provided. Ensure shelves are securely seated.
6. **Initial Cleaning:** Before first use, clean the interior and exterior of the unit with a mild soap and water solution. Wipe dry thoroughly.
7. **Initial Startup:** After connecting power, allow the unit to run empty for at least 2-4 hours to reach its operating temperature before loading products.

4. Operating Instructions

This section provides guidance on the daily operation of your Adcraft Refrigerator Merchandiser.

- **Temperature Control:**
 - The unit is designed to maintain temperatures between 32°F and 41°F (0°C and 5°C).
 - The front-mounted LED temperature display shows the current internal temperature.
 - Consult the control panel instructions (if applicable, typically located near the display) for adjusting temperature settings.

- **Loading Products:**

- Load products evenly on the shelves. Do not block the internal air vents, as this can impede airflow and cooling efficiency.
- Avoid overloading shelves beyond their weight capacity.

- **Sliding Doors:**

- The merchandiser features anti-fogging self-closing sliding doors. Ensure doors close completely after each use to maintain internal temperature and energy efficiency.
- Keep door tracks clean to ensure smooth operation.

- **Interior Lighting:**

- The illuminated interior lights enhance product visibility. These lights typically operate automatically when the unit is powered or can be controlled via a switch (refer to unit's specific controls).

- **Automatic Defrosting:**

- The unit is equipped with an automatic defrosting system. This system periodically melts accumulated frost from the evaporator coil, which then drains away.
- During defrost cycles, the internal temperature may temporarily rise slightly, which is normal.

5. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your merchandiser. Always disconnect power before performing any maintenance.

- **Daily Cleaning:**

- Wipe down the interior and exterior surfaces with a soft cloth and mild, non-abrasive cleaner.
- Clean the glass doors with a glass cleaner to maintain visibility.

- **Removable Door Gaskets:**

- The door gaskets are removable for easy cleaning. Periodically remove and clean them with warm, soapy water.
- Ensure gaskets are dry before re-installing to prevent mold growth and maintain a tight seal.
- Inspect gaskets for cracks or tears and replace if damaged to prevent air leaks.

- **Condenser Coil Cleaning (Monthly/Quarterly):**

- The condenser coil, located at the bottom of the unit, can accumulate dust and debris, reducing efficiency.
- Using a brush or vacuum cleaner, carefully clean the condenser fins. Do not bend the fins.
- Regular cleaning of the condenser coil is critical for energy efficiency and preventing compressor failure.

- **Drain Pan Cleaning:**

- Check and clean the drain pan (located near the condenser) periodically to prevent blockages and odors.

- **Shelf Care:**

- Clean the plastic-coated steel shelves with mild soap and water.
- Ensure shelves are dry before placing them back into the unit.

6. Troubleshooting

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

| Problem | Possible Cause | Solution |
|------------------------------|---|--|
| Unit not cooling | No power supply Thermostat set too high Dirty condenser coil Doors not closing properly Excessive door openings | Check power cord and circuit breaker. Adjust thermostat to a lower setting. Clean condenser coil (refer to Maintenance). Check door gaskets and alignment. Minimize door openings. |
| Excessive noise | Unit not level Loose components Fan motor issue | Level the unit using adjustable feet. Inspect for loose screws or parts. Contact qualified service technician. |
| Excessive condensation/frost | Door left open Damaged door gasket High humidity environment | Ensure doors close completely. Inspect and replace damaged gaskets. Ensure proper room ventilation. |

For issues not listed above or if solutions do not resolve the problem, please contact a qualified service technician or Adcraft customer support.

7. Specifications

| Feature | Detail |
|--------------------------------|--|
| Model Number | USRFS-2D/B |
| Brand | Adcraft |
| Capacity | 45 Cubic Feet |
| Product Dimensions (D x W x H) | 34"D x 56"W x 85"H (56 x 34 x 85 inches) |
| Weight | 532 Pounds |
| Voltage | 115 Volts |
| Amperage | 9.2 Amps |
| Horsepower | 1/2 HP |
| Number of Doors | 2 (Sliding) |
| Temperature Range | 32°F – 41°F |
| Installation Type | Freestanding |
| Interior Material | Painted aluminum with stainless steel floor |
| Exterior Material | Black coated steel |
| Shelf Type | Adjustable plastic coated steel shelves (8 included) |
| Defrost System | Automatic |

| Feature | Detail |
|-----------|------------|
| Plug Type | NEMA 5-15P |

8. Warranty and Customer Support

For specific warranty details, please refer to the warranty card included with your product or contact Adcraft directly. Warranty terms may vary based on purchase date and region.







If you require technical assistance, replacement parts, or have questions regarding the operation or maintenance of your Adcraft USRFS-2D/B Refrigerator Merchandiser, please contact Adcraft customer support. Contact information can typically be found on the manufacturer's official website or on your purchase documentation.


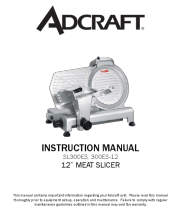
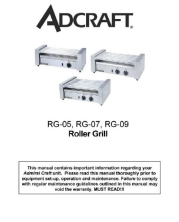
Adcraft Official Website: www.adcraft.com



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Related Documents - USRFS-2D/B

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|   INSTRUCTION MANUAL LR-2 ADJUSTABLE HEATED PLATE LOWERATOR 2 TUBE 8"-12" <small>This manual contains important information regarding your Adcraft unit. Please read this manual thoroughly prior to operation and up, operation and maintenance. Failure to follow safety instructions and proper operation may void the warranty. READ!</small> | Adcraft LR-2 Adjustable Heated Plate Lowerator Instruction Manual Instruction manual for the Adcraft LR-2 Adjustable Heated Plate Lowerator, 2 Tube 8"-12". Covers warnings, installation, usage, cleaning, troubleshooting, parts diagram, and warranty information. |
|   DF-12L, DF-12L/2 Electric Fryers <small>This manual contains important information regarding your Adcraft unit. Please read this manual thoroughly prior to operation and up, operation and maintenance. Failure to follow safety instructions and proper operation may void the warranty. READ!</small> | Adcraft DF-12L & DF-12L/2 Electric Fryer Manual: Operation, Cleaning & Warranty Comprehensive manual for Adcraft DF-12L and DF-12L/2 electric fryers. Includes setup, operation, cleaning, parts identification, circuit diagram, troubleshooting, and a 1-year limited warranty guide. |
|   MG-1 Meat Grinder <small>This manual contains important information regarding your Adcraft unit. Please read this manual thoroughly prior to operation and up, operation and maintenance. Failure to follow safety instructions and proper operation may void the warranty. READ!</small> | Adcraft MG-1 Meat Grinder User Manual and Warranty Comprehensive user manual and warranty information for the Adcraft MG-1 Meat Grinder, covering assembly, operation, cleaning, troubleshooting, and warranty details. |

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|  <p>The image shows the front cover of the Adcraft HDS-1300W/100 Hot Dog Steamer manual. It features the Adcraft logo at the top left, a small photograph of the steamer unit, and a table of specifications. The title 'HDS-1300W/100 Hot Dog Steamer' is prominently displayed.</p> | <p>Adcraft HDS-1300W/100 Hot Dog Steamer - Specifications and Features</p> <p>Detailed specifications and features for the Adcraft HDS-1300W/100 top-loading hot dog steamer with bun compartment. Learn about its construction, capacity, operation, electrical requirements, and warranty.</p> |
|  <p>The image shows the front cover of the Adcraft SL300ES, 300ES-12 12 inch Meat Slicer manual. It features the Adcraft logo at the top left, a photograph of the meat slicer, and the title 'INSTRUCTION MANUAL SL300ES, 300ES-12 12 inch MEAT SLICER'.</p> | <p>Adcraft SL300ES, 300ES-12 12" Meat Slicer Instruction Manual and Parts Guide</p> <p>Official instruction manual and parts guide for the Adcraft SL300ES and 300ES-12 12-inch meat slicer, covering operation, cleaning, maintenance, troubleshooting, and warranty information.</p> |
|  <p>The image shows the front cover of the Adcraft Roller Grill manual for models RG-05, RG-07, and RG-09. It features the Adcraft logo at the top left, a photograph of the roller grill, and the title 'RG-05, RG-07, RG-09 Roller Grill'.</p> | <p>Adcraft Roller Grill RG-05, RG-07, RG-09: Manual, Specifications, and Warranty</p> <p>Comprehensive guide for Adcraft Roller Grill models RG-05, RG-07, and RG-09, including operating instructions, safety warnings, cleaning procedures, electrical diagrams, parts list, and ACE Electrical Equipment one-year warranty information.</p> |