



PrepPal® CookRite® Mixrite®



## UNDERCOUNTER USER MANUAL

**AUR-SERIES AND AUF-SERIES**

 Toll Free: (855) 855-0399

 [info@atosausa.com](mailto:info@atosausa.com)

 [www.atosausa.com](http://www.atosausa.com)

## Table of Contents

|                                                      |    |
|------------------------------------------------------|----|
| Installer Safety .....                               | 3  |
| Site Preparation .....                               | 4  |
| Safety Precautions .....                             | 5  |
| Warranty .....                                       | 8  |
| Installation.....                                    | 11 |
| Maintenance and Cleaning Recommendations .....       | 12 |
| Operating Instructions .....                         | 14 |
| Microcomputer Controller Operation Instruction ..... | 15 |
| Controller Panel Overview .....                      | 17 |
| Troubleshooting .....                                | 21 |
| Technical Parameters .....                           | 22 |
| Official Approval and Rules .....                    | 24 |

## Installer Safety

 **Equipment installation must comply with local regulations. If you have any questions, please contact the relevant authority in your area.**

When installing or performing maintenance on Atosa equipment, it is essential to follow all basic safety standards:

**Installation and Repairs:** All installation and equipment repairs must be carried out by aftermarket service team authorized technicians.

**Personal Protective Equipment (PPE):** During installation and repairs, authorized service personnel must wear the appropriate personal protective equipment as required.

**Electrical Safety Precautions:** Before working on electrical equipment, authorized service personnel must remove all metal accessories, such as rings, earrings, and watches, to ensure safety.

 Before performing any repair work, disconnect the main power supply to the equipment. Failure to do so may result in serious injury or death from electric shock, hazardous moving parts, or equipment malfunction and damage.

**NOTE:** All repair work must be performed by authorized technicians.

## Site Preparation

Before unpacking the equipment, inspect the installation site to ensure that all potential hazards to users or the equipment are identified and removed.

- **Water Exposure:** Do not install the equipment in areas where it may be exposed to water spray or hoses. Never clean or rinse the equipment with a water spray or hose, as this may result in electric shock.
- **Level Surface Installation:** The equipment must be installed on a level surface to prevent tipping. If the equipment needs to be moved, at least two people must handle the move to avoid injury or damage.
- **Inspection After Unpacking:** After unpacking, carefully inspect the equipment for any damage. If damage is found, report it immediately to your Atosa dealer.
- **Electrical Connection:** Each unit requires a dedicated power supply. Refer to the data tag on the equipment for branch circuit overcurrent protection, fuse requirements, current-carrying capacity, and other electrical specifications. For proper electrical connections, consult the wiring diagram provided inside the distribution box.

 **CAUTION:** This equipment must be properly grounded. Failure to do so may result in severe personal injury due to electric shock.

## Safety Precautions

At Atosa, we prioritize the safety of operators and service technicians handling our equipment and its components. We have designed and manufactured our equipment with integrated safety features to help ensure your well-being. For example, warning labels are placed on the equipment to highlight important safety precautions for operators.

 **WARNING:** Failure to strictly follow the safety precautions below may result in serious injury or death, as well as damage to the equipment and its components. Equipment damage can also lead to increased costs for replacement parts and maintenance services.

**Operator's Manual:** Never operate the equipment before reading this operator's manual. Failure to do so could result in equipment damage, health hazards, or injury.

**Qualified Personnel Only:** According to IEC 60335-1 and its Part 2 standards, this electrical equipment should only be used by trained personnel. It is not suitable for children, or for individuals with physical, sensory, or cognitive limitations, or those lacking experience and knowledge—unless supervised or guided by someone responsible for their safety.

**Disposal Regulations:** Follow all local regulations when disposing of equipment containing flammable blowing gas.

**Grounding:** Never operate the equipment if it is not properly grounded.

**Fuses:** Never use a fuse larger than the one specified on the equipment's data label.

**Maintenance:** Never perform maintenance on the equipment without first disconnecting the main power supply. If repairs are needed, contact authorized Atosa technicians.

**Power Connection Devices:** Only authorized technicians are permitted to install the plug on these devices.

## Safety Precautions (Cont'd)

**⚠ WARNING:** Failure to follow these instructions may result in electrical shock, serious injury, or equipment damage.

**Repairs:** For all repairs, contact an authorized Atosa technician.

**Explosive Substances:** Do not store explosive substances such as aerosol cans with flammable propellant inside the equipment.

**Ventilation:** Keep ventilation openings in the appliance enclosure or built-in structure free from obstruction.

**Defrosting:** Do not use mechanical devices or other means to accelerate the defrosting process, except those recommended by the manufacturer.

**Panels and Parts:** Never operate the equipment if any repair panels or inlet/outlet parts are not fully secured with screws.

**Moving Parts:** Never insert objects or fingers into the discharge opening. This could cause product contamination or serious injury from moving parts.

**Scraper Frame:** Exercise caution when removing the scraper frame to avoid cuts from the sharp scraper.

**Cleaning and Sanitization:** The cleaning and sanitization schedule is managed by your local regulatory agency and must be strictly followed. Refer to the cleaning section of this manual for detailed instructions.

**Replacement Parts:** Repairs and replacement work must be performed by a qualified and authorized technician using only genuine replacement parts. Component parts must be replaced with like components.

**⚡ CAUTION:** Do not use electrical appliances inside the food storage compartments of the equipment unless they are of a type recommended by the manufacturer.

## Safety Precautions (Cont'd)

### For Indoor Use Only

This equipment is designed to operate in normal indoor environments with ambient temperatures between 21–24°C (70–75°F).

It can operate in higher ambient temperatures of up to 40°C (104°F), but production output may decrease under these conditions.

**⚠ WARNING:** Read this manual thoroughly before installing or operating the unit. Take all necessary precautions to reduce the risk of fire or explosion.

**⚠ WARNING:** This equipment uses R-290 (propane) as a refrigerant. Do NOT damage the refrigerant circuit.

**⚠ DANGER:** R-290 is a hydrocarbon refrigerant that is environmentally friendly but also highly flammable and combustible.

- Do not use mechanical devices to defrost the refrigerator.
- Do not puncture refrigerant tubing.
- Repairs must only be performed by trained service personnel.
- Consult the repair manual/owner's guide before servicing.
- Follow all handling instructions carefully.
- Dispose of properly in accordance with federal or local regulations.

When transporting and installing the equipment, ensure that no part of the refrigerating circuit is damaged.

## Warranty

### 2 YEAR WARRANTY

All claims for parts or labor must be made directly through Atosa. All claims must include: model number of the unit, the serial number, proof of purchase, date of installation, and all pertinent information supporting the alleged defect. In case of compressor replacement under warranty, either compressor or compressor tag must be returned to Atosa along with above listed information. Failure to comply with warranty policies will result in voiding claims. For warranty service, warranty and non-warranty related questions or issues, technical support, or to purchase replacement parts, contact Atosa toll free at (855) 855-0399.

### 2 YEAR PARTS & LABOR WARRANTY

Atosa warrants all new refrigerated components, such as the cabinet and all parts, to be free from defects in materials or workmanship. Atosa's obligation under this warranty is limited to a period of two (2) years from the date of original installation or 27 months after shipment date from Atosa, whichever occurs first. All parts covered under this warranty that are defective are limited to repair or replacement (including labor charges of defective parts or assemblies). The labor warranty shall include standard straight time labor charges only and reasonable travel time, as determined by Atosa.

### ADDITIONAL 3 YEAR COMPRESSOR WARRANTY

In addition to the two (2) years warranty stated above, Atosa warrants its sealed compressor to be free from defects in both material and workmanship under normal and proper use and maintenance service for a period of three (3) additional years from the date of original installation, but not to exceed five (5) years. Compressors that have been determined to be defective from Atosa within this extended period will be either repaired or replaced with a compressor or compressor parts of similar design and capacity according to Atosa's discretion. The three (3) years extended compressor warranty applies only to sealed parts of the compressor and does not apply to any other parts or components. This includes, the cabinet, paint finish, temperature control, refrigerant, metering device, motor starting equipment, fan assembly, and other electrical components, etc.

## Warranty (Cont'd)

### COMPRESSOR WARRANTY

The five-year compressor warranty will be void if the following procedures are not carefully followed:

- This system contains R404A, R134a, or R290 refrigerant and lubricant. The lubricant absorbs moisture rapidly.
- Drier replacement is critical and must be performed whenever the system is opened for servicing.
- A micron-level vacuum must be achieved to ensure low moisture levels in the system.
- The compressor must be obtained through Atosa, unless otherwise specified in writing by Atosa's warranty department.

### WHAT IS NOT COVERED BY THIS WARRANTY

Atosa's sole obligation under this warranty is limited to the repair or replacement of parts, subject to the additional limitations below. This warranty neither assumes nor authorizes any person to assume obligations other than those expressly covered by this warranty.

ROUTINE MAINTENANCE REQUIREMENTS MUST BE FOLLOWED OR WARRANTY IS VOID.

**NO CONSEQUENTIAL DAMAGES:** IN NO EVENT WILL ATOSA BE RESPONSIBLE FOR ECONOMIC LOSS, PROFIT LOSS, OR SPECIAL, EXEMPLARY, PUNITIVE, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, LOSSES OR DAMAGES ARISING FROM FOOD OR PRODUCT SPOILAGE, REGARDLESS OF WHETHER OR NOT THEY RESULT FROM EQUIPMENT FAILURE.

## Warranty (Cont'd)

**WARRANTY IS NOT TRANSFERABLE:** This warranty applies only to the original purchaser/user to whom the equipment was delivered. ANY SUCH ASSIGNMENT OR TRANSFER SHALL VOID ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR LABOR COVERAGE FOR COMPONENT FAILURE, OR THE WARRANTY PACKET PROVIDED WITH THE UNIT.

ALTERATION, NEGLIGENCE, ABUSE, MISUSE, ACCIDENT, DAMAGE DURING TRANSIT OR INSTALLATION, FIRE, FLOOD, OR ACTS OF GOD: Atosa is not responsible for the repair or replacement of any parts that are determined to have been subjected, after the date of manufacture, to alteration, neglect, abuse, misuse, accident, damage during transit or installation, fire, flood, or acts of God.

**IMPROPER ELECTRICAL CONNECTIONS:** Atosa IS NOT RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF FAILED OR DAMAGED COMPONENTS RESULTING FROM ELECTRICAL POWER FAILURE, THE USE OF EXTENSION CORDS, LOW VOLTAGE, OR VOLTAGE DROPS TO THE UNIT.

The TWO (2) YEAR PARTS & LABOR WARRANTY and the ADDITIONAL THREE (3) YEAR COMPRESSOR WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES. THE SELLER DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AS WELL AS ANY IMPLIED WARRANTIES OF NON-INFRINGEMENT. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

**Stocking Period:** Equipment distributed by stocking dealers is permitted a period of up to six (6) months in stock before sale to the purchaser/lessor, before the warranty start date. For this extended warranty to be honored, the customer must provide the model number of the unit, the serial number, and dated proof of purchase.

**Outside U.S. and Canada:** This warranty does not apply to areas outside the United States and Canada. Atosa is not responsible for any warranty claims made on products sold or used in such areas.

In some cases, a 25% restocking fee may be charged by the buyer for returned items. Returns with applicable restocking fees will only be processed on items returned within 90 days of purchase.

## Installation

- 1. Unpacking:** Carefully remove all packaging materials, including the plastic cover and wooden base.
- 2. Operating Environment:** Ensure the equipment operates within the following conditions:  
**Temperature:** Do not install the refrigerator in locations where the temperature exceeds 100°F (43°C) or drops below 50°F (10°C).
- 3. Power Supply and Electrical Requirements:** Use an AC 115V / 60Hz / single-phase power supply. Voltage fluctuations beyond 115V ±10% may cause equipment malfunction, damage, or pose a safety hazard. To prevent this risk, install an appropriate automatic voltage stabilizer.
- 4. Ground Wire Connection:** This equipment must be properly grounded. Connect to a grounded, metal, permanent wiring system, or run an equipment grounding conductor with the circuit conductors and connect it to the equipment's grounding terminal or lead. Use a dedicated, properly grounded outlet. The power cord includes a three-wire grounding plug that must be connected to a standard three-wire grounding outlet for safe operation.
- 5. Initial Cleaning:** After positioning the equipment, clean all internal parts, wipe down the metal surfaces, and then turn on the power.
- 6. First Operation:** Operate the equipment with no load for at least one hour to confirm the refrigeration system is functioning properly. Only add food once the internal temperature has reached the specified operating range.
- 7. Restarting:** If the power is cut off or the unit is unplugged, wait at least 5 minutes before restarting.
- 8. Positioning:** Place the unit so that the rear is at least 5 inches away from the wall.

## Maintenance and Cleaning Procedures

### Proper Cleaning Procedures - PM Checklist

| Task                                      | Best Practices / Method                                                      | Recommended Frequency             |
|-------------------------------------------|------------------------------------------------------------------------------|-----------------------------------|
| Clean door gaskets                        | Wipe with NSF-safe, non-abrasive cleaner; inspect for damage                 | Weekly / Monthly                  |
| Exterior and interior cleaning            | Use soft cloth and an NSF-certified cleaner; avoid harsh chemicals           | Weekly / As needed                |
| Ice build-up prevention                   | Maintain proper sealing and airflow; defrost when necessary                  | Ongoing / Weekly check            |
| Clean condenser coils                     | Use soft brushes or compressed air; avoid damaging fins                      | Monthly (light), Quarterly (deep) |
| Clean drain lines                         | Flush with warm water or sanitizer; check for blockages                      | Monthly                           |
| Door inspection & hinge/latch adjustments | Check for alignment, smooth closure, and wear; tighten or adjust as needed   | Monthly / Quarterly               |
| Thermostat & temperature calibration      | Use a calibrated thermometer to verify accuracy; adjust or replace as needed | Quarterly / As needed             |
| Clean evaporator coils                    | Gently brush or vacuum; ensure power is disconnected before cleaning         | Quarterly                         |
| Use of approved cleaners                  | Only NSF-safe, non-abrasive products for all surfaces and gaskets            | Always                            |

### Cleaning of the Condenser

To ensure optimal performance, clean the condenser at least **once a month**.

1. Turn off the equipment and disconnect the power plug.
2. Unscrew, rotate, and remove the protective grill.
3. Carefully clean dirt and lint from the condenser coil using a vacuum cleaner or soft brush.  
**Do not use a wire brush.**
4. Use a brush and vacuum cleaner to remove dust from the front surface of the condenser.
5. After cleaning, restore the protective grill to its original position.

### Cleaning of the Interior and Exterior

- Clean the product with a soft, damp cloth.
- If the product is heavily soiled, use a cloth with a small amount of neutral detergent.
- Remove the shelves for thorough cleaning.
- **Do not use** thinner, oil, excessive water, wire brushes, abrasive agents, hydrochloric acid, or similar substances to clean the unit.

### Cleaning of the Door Gasket

Excess grease, food waste, and debris can damage the gasket surface, especially along the bottom edge.

- Clean the gasket regularly using a soft cloth with a neutral detergent.

### Check After Cleaning

Before operating the equipment, perform the following checks:

- Confirm that the equipment is operating properly.
- Ensure the power cord and plug are in good condition.
- Read the operating instructions carefully before use.
- Verify that the equipment is properly sealed.
- Allow the equipment to sit and dry completely before use.

## Operating Instruction

### Action

Connect the power and adjust the thermostat as needed.

### Storage of Food Products

To ensure optimal performance of the case, observe the following instructions:

- Stock merchandise only after the equipment has reached the desired operating temperature indicated on the digital display.
- Do not place uncovered hot foods or liquids inside the equipment.
- Avoid blocking or restricting air circulation inside the equipment.
- Minimize the frequency and duration of door or drawer openings.
- After closing a door or drawer, allow a brief pause before reopening it.
- When stocking items, open and load only one drawer at a time to reduce the risk of tipping. If additional stability is needed, consult the supplier regarding the use of adjustable feet.

### Defrost Timer

The defrost cycle begins after the compressor has been running continuously for 4 hours. After each cycle, the timer resets to the initial start-up time.

### Equipment Operating

**NOTE:** Before using the new undercounter air-cooling refrigerator, open it and allow it to ventilate.

After connecting the power supply, press the “POWER” switch on the controller keyboard. The green indicator light will turn ON, and the equipment will begin operating. The built-in microcomputer controller automatically regulates the temperature. This intelligent digital controller operates as follows:

When the internal temperature rises above the set point plus the differential, the compressor activates. The compressor will turn off once the temperature returns to the set point value.

## Microcomputer Controller Operation Instruction:

### Display and Functions:

- During normal operation, the controller displays the temperature value detected by the selected probe, set using Parameter /4:
- =1 Ambient probe (default)
- =2 Second probe
- =3 Third probe
- The display includes LED indicators that show when control functions are active (see Table 1).
- The three control buttons allow the user to activate or deactivate certain functions (see Table 2).



**Table 1 LEDs and Associated Functions**

| Icon                                                                                  | Function   | Normal Operating                                 |                                                      |         | Start Up         |
|---------------------------------------------------------------------------------------|------------|--------------------------------------------------|------------------------------------------------------|---------|------------------|
|                                                                                       |            | ON                                               | OFF                                                  | Blink   |                  |
|  | COMPRESSOR | ON                                               | OFF                                                  | REQUEST | ON               |
|  | FAN        | ON                                               | OF                                                   | REQUEST | ON               |
|  | DEFROST    | ON                                               | OF                                                   | REQUEST | ON               |
| AUX                                                                                   | AUX        | OUTPUT ON                                        | OUTPUT OFF                                           | -       | ON               |
|  | ALARM      | ALL                                              | ON ALARM                                             | -       | ON               |
|  | CLOCK      | RTC fitted and enabled, at least 1 time band set | RTC not fitted or disabled, not even 1 time band set | -       | ON IF RTC FITTED |

**Table 2 Table of Functions Activated by the Buttons**

| Button                                                                           |                 | Normal Operation                                                                                                                                                                              |                                                                              | Start Up                                                        |                                                                       |
|----------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------|
|                                                                                  |                 | Pressing the button alone                                                                                                                                                                     | Pressing button together                                                     |                                                                 |                                                                       |
|  | Up<br>ON/OFF    | More than 3s:<br>Toggle ON/OFF                                                                                                                                                                | Pressing the buttons simultaneously triggers the start/stop continuous cycle | -                                                               |                                                                       |
|  | Down<br>defrost | More than 3s:<br>Start/stop defrost                                                                                                                                                           |                                                                              |                                                                 |                                                                       |
|  | Set mute        | <ul style="list-style-type: none"> <li>1s: Display/set the set point</li> <li>More than 3s: Access parameter setting menu (enter password 22)</li> <li>Mute audible alarm (buzzer)</li> </ul> | -                                                                            | Pressing the button together to start parameter reset procedure | For 1s display firmware vers.code<br><br>For 1s RESET current EZY set |

#### Setting the set point (desired temperature):

1. Press the SET button for 1 second. The current set value will begin flashing.
2. Use the UP or DOWN buttons to adjust the value to the desired temperature.
3. Press SET again to confirm and save the new setting.

#### Switching the device ON/OFF

- Press and hold UP for more than 3 seconds.
- The control and defrost functions will be disabled.
- The display will alternate between “OFF” and the current probe temperature.

#### Manual defrost

- Press and hold DOWN for more than 3 seconds.
- Defrost will initiate only if the temperature conditions are appropriate.

#### Continuous cycle

- Press and hold UP and DOWN simultaneously for more than 3 seconds.

**Table 3 Table of Alarms**

| Alarm Code | Buzzer and Alarm Relay | LED | Description               | Parameter        |
|------------|------------------------|-----|---------------------------|------------------|
| E0         | Active                 | ON  | Probe 1 error=control     | -                |
| E1         | Inactive               | ON  | Probe 2 error=defrost     | [d0=0/1]         |
| dr         | Active                 | ON  | Open door alarm           | [A4=6][+A7]      |
| LO         | Active                 | ON  | Low temperature alarm     | [AL][Ad]         |
| HI         | Active                 | ON  | High temperature alarm    | [Ah][Ad]         |
| EE         | Inactive               | ON  | Unit parameter error      | -                |
| EF         | Inactive               | ON  | Operating parameter error | -                |
| Ed         | Inactive               | ON  | Defrost ended by timeout  | [dP][dt][d4][A8] |
| dF         | Inactive               | ON  | Defrost running           | [d5=0]           |

## Controller Panel Overview



**Set Button Function:**

Normal Mode: Press to display the target set point.  
 Programming Mode: Use to select a parameter or confirm an operation.

| Button                                                                                                                                                                   | Function                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| SET                                                                                                                                                                      | To display target set point, in programming mode it selects a parameter or confirm an operation. |
|                                                                                         | To start a manual defrost.                                                                       |
|                                                                                         | In programming mode it browses the parameter codes or increases the displayed value.             |
|  AUX                                                                                    | In programming mode it browses the parameter codes or decreases the displayed value.             |
|  AUX +  | To lock or unlock the keyboard.                                                                  |
| SET +  AUX                                                                              | To enter in programming mode.                                                                    |
| SET +                                                                                   | To return to room temperature display.                                                           |

| LED                                                                                 | MODE     | DESCRIPTION                                   |
|-------------------------------------------------------------------------------------|----------|-----------------------------------------------|
|  | On       | Compressor enabled                            |
|                                                                                     | Flashing | Anti short cycle delay enabled (AC parameter) |
|  | On       | Defrost in progress                           |
|                                                                                     | Flashing | Dripping in progress                          |
|  | On       | Fans output enabled                           |
|                                                                                     | Flashing | Fans delay after defrost                      |
|  | On       | Measurement unit                              |
|                                                                                     | Flashing | Programming mode                              |
|  | On       | Measurement unit                              |
|                                                                                     | Flashing | Programming mode active                       |

**How to view the set point**

- Briefly press and release the SET key to display the current set point.
- To return to the normal temperature display, press SET again or wait approximately 5 seconds.

**Adjusting the setpoint**

- Press and hold the SET key for more than 2 seconds. The current set point will be displayed, and the “°C” or “°F” LED will begin blinking.
- Use the UP or DOWN keys to adjust the value.
- To save the new set point, either press the SET key again or wait 10 seconds for the change to be automatically saved.

**Manual Defrost**

To initiate a manual defrost, press and hold the DEF key for more than 2 seconds. The defrost cycle will then begin.

**Adjust a parameter value**

1. Enter Programming Mode  
Press and hold the SET +  keys for 3 seconds until the “°C” or “°F” LED begins blinking.
2. Select Parameter  
Use the navigation keys to scroll to the desired parameter.  
Press SET to display its current value.
3. Adjust Value  
Use the  +  keys to change the value as needed.
4. Save Value  
Press SET to confirm and move to the next parameter.
5. Exit Programming Mode  
Press the SET +  key or wait 15 seconds without pressing any keys.

**NOTE:** Any adjusted values are automatically saved, even if programming mode is exited due to timeout.

### To lock the keyboard

Press and hold the  +  keys for more than 3 seconds.  
The “OF” message will be displayed and the keyboard will be locked.

### To unlock the keyboard

Press and hold the  +  keys for more than 3 seconds.  
The “ON” message will be displayed and the keyboard will be locked.

### Alarm Signal

| Message | Cause                     | Outputs                                      |
|---------|---------------------------|----------------------------------------------|
| “P1”    | Room probe failure        | Compressor output according to “Cy” and “Cn” |
| “P2”    | Evaporator probe failure  | Defrost end is timed                         |
| “HA”    | Maximum temperature alarm | Outputs unchanged                            |
| “LA”    | Minimum temperature alarm | Outputs unchanged                            |
| “EA”    | External alarm            | Outputs unchanged                            |
| “CA”    | Serious external alarm    | All outputs OFF                              |
| “dA”    | Door Open                 | Compressor and fans restarts                 |

## Troubleshooting

Usually, equipment malfunctions are caused by simple issues that can be resolved without then need to contact a technician.

| Issue                             | Possible Reasons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Solutions                                                                                                                                                                                                                                                                                          |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment does not operate        | <ul style="list-style-type: none"> <li>The plug has not been correctly inserted into the socket.</li> <li>The supply cord is damaged.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Check the power cord and plug in correctly.</li> </ul>                                                                                                                                                                                                      |
| Required temperature not achieved | <ul style="list-style-type: none"> <li>The power switch is turned off.</li> <li>The thermostat range is incorrectly regulated.</li> <li>The equipment is in the defrosting phase or post-defrosting phase.</li> <li>The evaporator is covered with frost.</li> <li>The condenser is blocked with dust.</li> <li>The equipment is near a heat source.</li> <li>The stored foods or other objects prevent the unit from closing properly.</li> <li>The equipment is working under abnormal conditions (overloaded, loaded with hot food, or lack of proper air circulation).</li> </ul> | <ul style="list-style-type: none"> <li>Check the power connection.</li> <li>Check the temperature setting.</li> <li>Check the status of the equipment.</li> <li>Wipe the condenser with dry cloth.</li> <li>Check the food inside the equipment.</li> <li>Check the working conditions.</li> </ul> |
| Cabinet leaks water               | <ul style="list-style-type: none"> <li>The collecting container or the condensation water elimination device is damaged.</li> <li>The discharge outlets are blocked or obstructed.</li> <li>The equipment is not properly leveled.</li> </ul>                                                                                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>Check the drain pan.</li> <li>Check the discharge outlets.</li> <li>Check the installation.</li> </ul>                                                                                                                                                      |
| Equipment is unacceptably noisy   | <ul style="list-style-type: none"> <li>The frame has loose screws or bolts.</li> <li>The cabinet is not stable positioned stably or properly leveled.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Check the screws on the frame.</li> <li>Level the equipment again.</li> </ul>                                                                                                                                                                               |

## Technical Parameters

| Model code | Power source (V) | Rating frequency (Hz) | Input Power (w) | Rated current (A) | Temperature range (°F) | Refrigerant | Amount (oz) | Dimension (in) | Volume (cu.ft) |
|------------|------------------|-----------------------|-----------------|-------------------|------------------------|-------------|-------------|----------------|----------------|
| AUR27SD    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 2.5         | 27×30×32.5     | 6.4            |
| AUR27D2    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 2.5         | 27×30×32.5     | 6.4            |
| AUR36SD    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 3.5         | 36×30×32.5     | 8.6            |
| AUR36D2    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 3.5         | 36×30×32.5     | 8.6            |
| AUR36D4    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 3.5         | 36×30×32.5     | 8.6            |
| AUF48SD    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 4.6         | 48×30×32.5     | 11.8           |
| AUR48D2    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 3.9         | 48×30×32.5     | 11.8           |
| AUR48D4    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 3.9         | 48×30×32.5     | 11.8           |
| AUF60SD    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 4.6         | 60×30×32.5     | 15             |
| AUR60D2    | 115              | 60                    | 320             | 2.8               | +33~+45                | R290        | 4.2         | 60×30×32.5     | 15             |
| AUR60D4    | 115              | 60                    | 320             | 2.8               | +33~+45                | R290        | 4.2         | 60×30×32.5     | 15             |
| AUR72SD    | 115              | 60                    | 320             | 2.8               | +33~+45                | R290        | 4.2         | 72×30×32.5     | 18.2           |
| AUR72D2    | 115              | 60                    | 320             | 2.8               | +33~+45                | R290        | 4.2         | 72×30×32.5     | 18.2           |
| AUR72D4    | 115              | 60                    | 320             | 2.8               | +33~+45                | R290        | 4.2         | 72×30×32.5     | 18.2           |
| AUR72D6    | 115              | 60                    | 320             | 2.8               | +33~+45                | R290        | 4.2         | 72×30×32.5     | 18.2           |
| AUF27SD    | 115              | 60                    | 200             | 1.8               | -8~+1                  | R290        | 3.5         | 27×30×32.5     | 7.15           |
| AUF27D2    | 115              | 60                    | 200             | 1.8               | -8~+1                  | R290        | 3.5         | 27×30×32.5     | 7.15           |

| Model code | Power source (V) | Rating frequency (Hz) | Input Power (w) | Rated current (A) | Temperature range (°F) | Refrigerant | Amount (oz) | Dimension (in) | Volume (cu.ft) |
|------------|------------------|-----------------------|-----------------|-------------------|------------------------|-------------|-------------|----------------|----------------|
| AUR36SD    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 3.9         | 36×30×32.5     | 8.6            |
| AUF36D2    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 3.9         | 36×30×32.5     | 8.6            |
| AUF36D4    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 3.9         | 36×30×32.5     | 8.6            |
| AUR48SD    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 3.9         | 48×30×32.5     | 11.8           |
| AUF48D2    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 4.6         | 48×30×32.5     | 11.8           |
| AUF48D4    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 4.6         | 48×30×32.5     | 11.8           |
| AUR60SD    | 115              | 60                    | 320             | 2.8               | +33~+45                | R290        | 4.2         | 60×30×32.5     | 15             |
| AUF60D2    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 4.6         | 60×30×32.5     | 15             |
| AUF60D4    | 115              | 60                    | 300             | 2.6               | -8~+1                  | R290        | 4.6         | 60×30×32.5     | 15             |
| AUR24SD    | 115              | 60                    | 260             | 2.3               | +33~+45                | R290        | 2.1         | 24×25×32.5     | 4.02           |
| AUF24SD    | 115              | 60                    | 250             | 2.4               | -8~+1                  | R290        | 2.1         | 24×25×32.5     | 4.02           |
| AUR24GD    | 115              | 60                    | 300             | 3.0               | +33~+45                | R290        | 2.1         | 24×25×32.5     | 4.02           |
| AUF24GD    | 115              | 60                    | 320             | 3.2               | -8~+1                  | R290        | 2.1         | 24×25×32.5     | 4.02           |

**NOTE:** If the technical data has any changes, we will not notify you any longer.

## Official Approval and Rules

CONFORMS TO UL STD.471

CERTIFIED TO CSA STD.C22.2 NO.120

CONFORMS TO NSF/ANSI STD. 7



**Intertek**  
**4003935**

CONFORMS TO UL STD. 471  
CERTIFIED TO CSA STD.C22.2 NO.120



**Intertek**  
**4003935**

CONFORMS TO NSF/ANSI STD. 7



THANK YOU FOR YOUR PURCHASE OF AN ATOSA PRODUCT

YOUR SINGLE SOURCE DIVERSIFIED GLOBAL SOLUTION

R10001001402

version number 20250513



Toll Free: 1 (800) 683-8660

For Warranty Information: [Warranty@AtosaUSA.com](mailto:Warranty@AtosaUSA.com)

For Parts Information: [Parts@AtosaUSA.com](mailto:Parts@AtosaUSA.com)



 Toll Free: (855) 855-0399

 [info@atosausa.com](mailto:info@atosausa.com)

 [www.atosausa.com](http://www.atosausa.com)