

Moffat E27M3/SK2731U-208V



Moffat Turbofan Full Size Countertop Electric Convection Oven

USER MANUAL

Model: E27M3/SK2731U-208V

1. Introduction

Welcome to the user manual for your new Moffat Turbofan Full Size Countertop Electric Convection Oven with Stand. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your appliance. Please read this manual thoroughly before installation and use, and retain it for future reference.

2. Safety Information

Your safety and the safety of others are paramount. Please observe all safety precautions outlined in this section. Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- Electrical Safety:** This appliance requires a 208V AC power supply. Ensure the electrical installation is performed by a qualified electrician and complies with all local and national electrical codes. Do not operate with a damaged cord or plug.
- Hot Surfaces:** The oven surfaces, including the door, interior, and exterior, become extremely hot during operation. Use oven mitts or pot holders when handling hot items or touching surfaces. Keep children and pets away from the appliance.
- Ventilation:** Ensure adequate ventilation around the oven to prevent overheating. Do not block any ventilation openings.
- Cleaning:** Always disconnect power before cleaning. Allow the oven to cool completely before cleaning any surfaces.
- Intended Use:** This oven is designed for commercial food preparation. Do not use it for purposes other than its intended use.

3. Product Overview

The Moffat Turbofan Convection Oven is a robust, full-size countertop electric oven designed for efficient and consistent cooking. It features manual controls for precise temperature and time management, making it suitable for a variety of baking and roasting tasks. The unit comes with a sturdy equipment stand, providing convenient storage for additional sheet pans and enhancing mobility with its integrated casters.



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Figure 3.1: Moffat Turbofan Full Size Countertop Electric Convection Oven with Stand.

Key Features:

- **Manual Control:** Easy-to-use knob-driven controls for temperature and timer settings.
- **Temperature Range:** Mechanical thermostat adjustable from 150°F to 500°F.
- **Integrated Timer:** 60-minute countdown timer with an audible alarm.
- **Generous Capacity:** Accommodates up to three full-size sheet pans within the oven chamber. The included stand provides storage for six additional sheet pans.
- **Convection Cooking:** Utilizes Turbofan technology for even heat distribution and consistent cooking results.
- **Durable Construction:** Stainless steel exterior and porcelain enameled oven chamber for longevity and easy cleaning.
- **Smart Door System:** Features an easy-to-clean door glass system with a removable inner panel for deeper cleaning.
- **Mobile Stand:** Equipped with 3-inch casters for easy repositioning and anti-skid adjustable stainless steel feet for stability.



MANUAL CONTROL
Easy to use knob driven control to access high performance power

01 **Count Down Timer**
60 minute timer with time up alarm

02 **Temperature**
Mechanical thermostat 150-500F

The image shows a close-up of the oven's control panel. It features two large, round, black control knobs with white markings and blue indicator lights on top. The panel is made of a light-colored, possibly stainless steel, material. The background of the slide is a dark blue color.

Figure 3.2: Manual control panel with timer and temperature knobs.



Figure 3.3: Porcelain enameled interior for durability and easy cleaning.

4. Setup

Proper setup is crucial for the safe and optimal performance of your oven. It is recommended that installation be performed by a qualified professional.

4.1 Unpacking and Inspection

- Carefully remove the oven and stand from its packaging.
- Inspect the appliance for any shipping damage. Report any damage immediately to the carrier and your supplier.
- Retain all packaging materials until the unit has been inspected and found to be in good working order.

4.2 Placement and Ventilation

- Place the oven on a stable, level surface. The included stand is designed to provide a stable base.
- Ensure adequate clearance around the oven for proper air circulation and heat dissipation. Do not place the oven directly against a wall or in an enclosed space without proper ventilation.
- The stand's 3-inch casters allow for mobility; ensure they are locked when the oven is in its final operating position to prevent accidental movement.

4.3 Electrical Connection

- This oven operates on a 208V AC power supply. Verify that the electrical outlet matches the oven's power requirements.
- The appliance must be properly grounded to prevent electrical shock.
- Do not use extension cords or adapters with this appliance.

4.4 Initial Cleaning

- Before first use, wipe down the interior and exterior surfaces of the oven with a damp cloth and mild detergent.
- Remove all racks and wash them thoroughly.
- Allow all parts to dry completely before operating the oven.

5. Operating Instructions

This section details the steps for operating your Moffat Turbofan Convection Oven.

5.1 Preheating the Oven

1. Ensure the oven is plugged into a suitable power outlet.
2. Turn the **Temperature Control Knob** to the desired cooking temperature (range 150°F to 500°F).
3. Allow the oven to preheat for approximately 15-20 minutes, or until the indicator light signals that the set temperature has been reached.

5.2 Loading Food

- Carefully open the oven door. The door features a safe-touch vented drop-down design.
- Place food items on full-size sheet pans. The oven can hold up to three sheet pans simultaneously.
- Slide the sheet pans onto the oven racks. The racks are designed with an anti-withdraw and anti-tilt feature, offering a 70% telescopic reach for easy loading and unloading.
- Close the oven door securely. The plug-in continuous oven door seal ensures efficient heat retention.



RACKING SYSTEM

Oven racks are anti-withdraw, anti-tilt and feature a long 70% telescopic reach. With easy to release screws the side racks are quickly removed for cleaning.

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Figure 5.1: Oven racking system with anti-tilt and telescopic reach.

5.3 Setting the Timer

- Turn the **Timer Control Knob** to the desired cooking time, up to 60 minutes.
- The timer will count down and an audible alarm will sound when the set time has elapsed.
- To stop cooking before the timer finishes, turn the temperature knob to the 'OFF' position.

5.4 Convection Cooking

- The Turbofan convection system circulates hot air evenly throughout the oven cavity, promoting faster and more uniform cooking.
- Adjust cooking times and temperatures as needed based on your specific recipes and desired results, as convection cooking may require slight adjustments compared to conventional ovens.

6. Maintenance

Regular cleaning and maintenance will extend the life of your Moffat Turbofan oven and ensure optimal performance.

6.1 Daily Cleaning

- Always ensure the oven is cool and disconnected from power before cleaning.
- Wipe down the interior porcelain enameled oven chamber with a damp cloth and mild, non-abrasive detergent.
- Clean the exterior stainless steel surfaces with a soft cloth and a stainless steel cleaner.
- The oven features an **Easy Clean Door Glass System**. The inner glass panel can be removed without tools for thorough cleaning. Refer to Figure 6.1 for guidance.
- Clean the oven racks with warm, soapy water. They can be easily removed by releasing the screws.



Figure 6.1: Removing the inner glass panel for cleaning.



Figure 6.2: Stay-cool door handle and easy cleaning of the door glass system.

6.2 Periodic Checks

- Inspect the door seal regularly for any signs of wear or damage. A damaged seal can lead to heat loss and inefficient operation.
- Ensure the casters on the stand are clean and move freely. Lubricate if necessary.
- Check the power cord for any fraying or damage. If damaged, it must be replaced by a qualified service technician.

7. Troubleshooting

This section provides solutions to common issues you might encounter. For problems not listed here, or if the issue persists, contact a qualified service technician.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Oven does not heat up.	No power supply. Temperature knob set to 'OFF'. Circuit breaker tripped.	Check if the oven is properly plugged in. Turn the temperature knob to a desired setting. Check your electrical panel and reset the breaker if necessary.
Timer does not work.	Timer knob not set correctly. Internal timer malfunction.	Ensure the timer knob is turned past the 'OFF' position to set a time. If the issue persists, contact service.
Uneven cooking.	Overloading the oven. Improper rack placement. Blocked air vents.	Do not overload the oven; ensure proper air circulation around food items. Distribute food evenly on racks. Ensure no items are blocking the internal fan or external vents.
Excessive smoke or odor.	Food spills or residue inside oven. First use burn-off.	Clean the oven interior thoroughly. A slight odor and smoke may occur during the first few uses as manufacturing oils burn off; this is normal. Ensure good ventilation.

8. Specifications

Detailed technical specifications for the Moffat Turbofan Full Size Countertop Electric Convection Oven (Model E27M3/SK2731U-208V).

Specification	Detail
Brand	Moffat
Model Name	Moffat Turbo Fan E27
Model Number	E27M3/SK2731U-208V
Product Dimensions	30 x 31.88 x 58.51 inches (Width x Depth x Height)
Item Weight	0.01 ounces (Note: This weight appears to be a placeholder and not the actual product weight. Refer to product packaging for accurate weight.)
Color	Stainless Steel
Material Type	Stainless Steel
Power Source	AC power
Fuel Type	Electric
Oven Cooking Mode	Convection

Specification	Detail
Control Type	Knob (Manual Control)
Temperature Range	150°F to 500°F (Mechanical Thermostat)
Timer	60-minute countdown timer
Number of Shelves/Racks	3 (Oven)
Included Components	Sheet Pan
Installation Type	Countertop
Door Style	Dropdown Door

9. Warranty and Support

For information regarding product warranty, please refer to the warranty card included with your purchase or contact Moffat customer support directly. Moffat is committed to providing reliable products and excellent customer service. If you require technical assistance, service, or have questions about your oven, please contact Moffat customer support through their official website or the contact information provided in your purchase documentation. Ensure you have your model number (E27M3/SK2731U-208V) and purchase date available when contacting support.