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Moffat M234625

Moffat M234625 Fan Instruction Manual

Model: M234625

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the Moffat M234625 Fan. This fan is a genuine OEM replacement part designed for commercial convection ovens, proofers, and holding cabinets manufactured by Moffat. Using genuine OEM parts ensures safety, reliability, and optimal performance of your equipment.



Figure 1: Moffat M234625 Fan. This image displays the fan assembly, featuring a circular metallic frame with numerous vertical blades evenly spaced around the circumference. A central hub with a bore is visible, indicating its mounting point. The fan is designed for air circulation within commercial oven systems.

Key Features:

- Genuine OEM replacement part.
- 200 mm diameter.
- Designed for 60Hz mode operation.
- Part Number: M234625.
- Country of Origin: United States.
- Product Dimensions: 13 x 13 x 7 inches; 1.1 Pounds.

SAFETY INFORMATION

Always observe the following safety precautions when handling, installing, or maintaining the Moffat M234625 Fan:

- **Disconnect Power:** Ensure the appliance is completely disconnected from the power supply before any installation, maintenance, or repair work.
- **Qualified Personnel:** Installation and servicing should only be performed by qualified and authorized personnel.
- **Genuine Parts:** Use only genuine Moffat replacement parts to ensure proper fit, function, and safety.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, such as gloves and eye protection, during installation and maintenance.

- **Inspect for Damage:** Before installation, inspect the fan for any signs of shipping damage. Do not install damaged parts.

INSTALLATION (SETUP)

1. **Preparation:** Ensure the commercial oven or appliance is turned off and unplugged from the main power supply. Allow the appliance to cool down if it has been in operation.
2. **Access:** Carefully open the access panel or remove components as required to reach the existing fan assembly. Refer to your specific appliance's service manual for detailed access instructions.
3. **Removal of Old Fan:** Disconnect any wiring connected to the old fan. Note the orientation and connection points. Carefully unmount and remove the old fan assembly.
4. **Installation of New Fan:** Position the new Moffat M234625 Fan in the correct orientation. Secure it using the appropriate mounting hardware. Ensure all connections are firm and correctly aligned.
5. **Wiring:** Reconnect the electrical wiring to the new fan. Ensure connections match the original configuration (e.g., 3-Pin power connector). Double-check all connections for security and proper insulation.
6. **Reassembly:** Reassemble any panels or components that were removed to gain access. Ensure all screws and fasteners are tightened securely.
7. **Initial Check:** Before restoring power, visually inspect the installation to confirm everything is in place and no tools or debris are left inside the appliance.

OPERATION

The Moffat M234625 Fan operates as an integral component of your commercial oven or appliance's air circulation system. Once correctly installed, its operation is typically controlled by the main appliance's control system.

- **Power Connection:** Ensure the appliance is properly connected to its designated power source (12 Volts AC, 60Hz).
- **Functionality Check:** After installation and reassembly, plug in the appliance and power it on. Listen for the fan's operation. It should run smoothly without unusual noises or vibrations.
- **Integrated Control:** The fan's activation and speed are managed by the oven's internal thermostat and control board, ensuring optimal air circulation during cooking cycles.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Moffat M234625 Fan. Always disconnect power before performing any maintenance.

- **Cleaning:** Periodically inspect the fan blades and housing for accumulation of grease, dust, or food debris. Clean with a soft cloth and mild, non-abrasive cleaner. Ensure the fan is completely dry before restoring power.
- **Inspection:** Check for any signs of wear, such as loose blades, unusual vibrations, or excessive noise during operation.
- **Lubrication:** This fan is typically a sealed unit and does not require user lubrication. Do not attempt to lubricate internal components unless specifically instructed by Moffat service documentation.
- **Professional Service:** If significant wear or damage is observed, or if the fan is not operating correctly, contact a qualified service technician for inspection and repair.

TROUBLESHOOTING

This section provides solutions to common issues you might encounter with the Moffat M234625 Fan. For problems not listed here, contact qualified service personnel.

Problem	Possible Cause	Solution
Fan does not spin.	No power to the appliance; Loose wiring connection; Motor failure.	Check appliance power supply. Verify all wiring connections are secure. If power is present and connections are good, the motor may need replacement by a technician.
Unusual noise or vibration.	Debris caught in fan blades; Loose mounting; Worn bearings.	Disconnect power and inspect blades for obstructions. Ensure fan is securely mounted. If noise persists, bearing wear may require professional service.
Reduced airflow.	Dirty fan blades; Obstruction in air path.	Clean fan blades and housing. Check for any blockages in the appliance's air circulation path.
Fan runs intermittently.	Intermittent power supply; Faulty control board; Overheating.	Check power supply stability. This issue often indicates a problem with the appliance's control system or motor, requiring professional diagnosis.

SPECIFICATIONS

Attribute	Detail
Model Number	M234625
Brand	Moffat
Product Dimensions	13 x 13 x 7 inches
Item Weight	1.1 Pounds
Manufacturer	Moffat
Power Connector Type	3-Pin
Voltage	12 Volts (AC)
Wattage	11 watts
Cooling Method	Air
Compatible Devices	Appliance (Commercial Ovens, Proofers, Holding Cabinets)
UPC	220215080738
Country of Origin	United States

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For technical support or service inquiries, please refer to your appliance's main service manual or contact Moffat customer service.

