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› Samoser Refrigerator Evaporator Fan Motor Instruction Manual for Kenmore, Whirlpool, KitchenAid, Maytag Models

Samoser 106.57029601, 106.57029602, 106.57029603, 106.57032600, 106.57032601

Samoser Refrigerator Evaporator Fan Motor Instruction Manual

Model Numbers: 106.57029601, 106.57029602, 106.57029603, 106.57032600, 106.57032601 and compatible models

1. INTRODUCTION

This instruction manual provides essential information for the installation, operation, and maintenance of your Samoser Refrigerator Evaporator Fan Motor. This component is designed as an aftermarket replacement part for various Kenmore, Whirlpool, KitchenAid, and Maytag refrigerator models. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct usage.

2. SAFETY INFORMATION

WARNING: Appliance repair can be dangerous and should only be performed by qualified individuals. Always prioritize safety to prevent personal injury or damage to your appliance.

- **Disconnect Power:** Before beginning any repair, always unplug the refrigerator from its power source or turn off the circuit breaker to prevent electrical shock.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including gloves and safety glasses, to protect against sharp edges and potential hazards.
- **Handle with Care:** Components may have sharp edges or delicate parts. Handle the motor and surrounding refrigerator parts carefully.
- **Professional Assistance:** If you are unsure about any step or lack the necessary tools or experience, it is highly recommended to seek assistance from a qualified appliance repair technician.
- **Follow Manufacturer Guidelines:** Refer to your specific refrigerator's service manual for detailed disassembly and reassembly instructions.

3. PACKAGE CONTENTS

The package includes the following item:

- 1x Samoser Refrigerator Evaporator Fan Motor



Image 1: Side view of the Samoser Refrigerator Evaporator Fan Motor, showing the motor housing and electrical connector.



Image 2: Front view of the Samoser Refrigerator Evaporator Fan Motor, highlighting the motor shaft and mounting points.



Image 3: Rear view of the Samoser Refrigerator Evaporator Fan Motor, showing the motor body and shaft extending from the back.

4. COMPATIBILITY

This aftermarket evaporator fan motor is compatible with a wide range of refrigerators from brands such as **Whirlpool, Kenmore, KitchenAid, and Maytag**. To confirm compatibility with your specific appliance, please verify your refrigerator's model number against the list below. You can typically find your model number on a label inside the refrigerator compartment.

Compatible Model Numbers include, but are not limited to:

- 10657022603
- 10657023600
- 10657023601
- 10657023602
- 10657023603
- 10657024600
- 10657024601
- 10657024602
- 10657024603
- 10657026600
- 10657026601
- 10657026602
- 10657026603
- 10657029600

- 10657029601
- 10657029602
- 10657029603
- 10657032600
- 10657032601
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- 10657033600
- 10657033601
- 10657033602
- 10657033603
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- 10657034601
- 10657034602
- 10657034603
- 10657036600
- 10657036601
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- 10657072602
- 10657073600
- 10657073601
- 10657073602
- 10657074600

- 10657074601
- 10657074602
- 10657076600
- 10657076601
- 10657076602
- 10657079600
- 10657079601
- 10657079602
- 10657442700
- 10657442701
- 10657442702
- 10657442703
- 10657442704
- 10657443700
- 10657443701
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- 10657443704
- 10657449700
- 10657449701
- 10657449702
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- 10657449704
- 10657452700
- 10657452701
- 10657452702
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- 10657703701
- 10657703702
- 10657703703
- 10657703704
- 10657703705
- 10657704700
- 10657704701
- 10657704702
- 10657704703
- 10657704704
- 10657704705
- 10657705700
- 10657705701
- 10657705702

If you are unsure about compatibility, please contact customer support with your refrigerator's full model number.

5. INSTALLATION (SETUP)

Replacing an evaporator fan motor requires careful attention to detail and adherence to safety protocols. The following steps are general guidelines. Always refer to your specific refrigerator's service manual for precise instructions.

1. Prepare for Installation:

- **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker.
- **Empty Refrigerator/Freezer:** Remove all food items from the freezer compartment and, if necessary, the refrigerator compartment.
- **Access Evaporator Cover:** Locate and remove any shelves, ice maker components, or other obstructions that block access to the evaporator cover, typically found at the back of the freezer compartment.

2. **Remove Evaporator Cover:** Unscrew or unclip the evaporator cover. This may involve removing several screws and carefully prying off the cover. Be gentle to avoid damaging plastic clips or components.

3. **Disconnect Old Motor:** Once the evaporator cover is removed, you will see the evaporator coils and the fan motor assembly. Disconnect the electrical connector from the old fan motor.

4. **Remove Old Motor:** Unscrew or unclip the old fan motor from its mounting bracket. Note its orientation and how it was installed.

5. **Install New Motor:** Mount the new Samoser evaporator fan motor onto the bracket, ensuring it is securely fastened and oriented correctly.

6. **Connect Electrical:** Plug the electrical connector into the new fan motor. Ensure a secure connection.

7. **Reassemble:** Carefully reattach the evaporator cover, ensuring all screws and clips are in place. Replace any shelves or components that were removed.

8. **Restore Power:** Plug the refrigerator back into the power outlet or turn on the circuit breaker.

9. **Test Operation:** Listen for the fan motor to operate. It may take some time for the refrigerator to reach its set temperature and for the fan to cycle on.

If you encounter any difficulties or are unsure about any step, please consult a professional appliance technician.

6. OPERATION

The evaporator fan motor is a critical component in your refrigerator's cooling system. Its primary function is to circulate cold air over the evaporator coils and distribute it throughout the freezer and refrigerator compartments. This process helps maintain consistent temperatures, prevents frost buildup, and ensures efficient cooling of your food items.

Once installed, the motor operates automatically as part of the refrigerator's cooling cycle, turning on and off as needed to maintain the set temperature.

7. MAINTENANCE

The Samoser Refrigerator Evaporator Fan Motor is designed for durability and typically requires no routine maintenance. However, to ensure optimal performance of your refrigerator, consider the following general maintenance tips:

- **Keep Vents Clear:** Ensure that air vents inside the freezer and refrigerator compartments are not blocked by food items, allowing for proper air circulation.
- **Clean Condenser Coils:** Periodically clean the condenser coils (usually located at the back or underneath the refrigerator) to improve efficiency and reduce strain on cooling components.
- **Monitor for Unusual Noises:** Pay attention to any new or unusual noises coming from the freezer compartment, which could indicate an issue with the fan motor or other components.

8. TROUBLESHOOTING

If your refrigerator is experiencing issues after replacing the evaporator fan motor, or if you suspect the motor is faulty, consider the following common troubleshooting steps:

- **Fan Not Running:**
 - Check if the refrigerator is plugged in and receiving power.
 - Ensure the freezer door is fully closed, as some models have a door switch that prevents the fan from running when open.
 - Verify that the electrical connection to the motor is secure.
 - Inspect for ice buildup around the evaporator coils that might be obstructing the fan blade.
- **Unusual Noises (Grinding, Squealing):**
 - Disconnect power and check if the fan blade is hitting any obstructions (e.g., ice, wires).
 - Ensure the fan blade is securely attached to the motor shaft.
 - If the noise persists and no obstructions are found, the motor bearings may be failing, indicating a need for replacement.
- **Refrigerator Not Cooling Properly:**
 - Confirm the evaporator fan motor is running. If it's not, cold air cannot be circulated.
 - Check for excessive frost buildup on the evaporator coils, which can restrict airflow.
 - Ensure the condenser coils are clean and not blocked.

For complex issues or if troubleshooting does not resolve the problem, professional diagnosis and repair are recommended.

9. SPECIFICATIONS

Feature	Detail
Brand	Samoser
Part Number	106.57029601, 106.57029602
Item Model Number	106.57029603, 106.57032600
Product Dimensions	Approximately 1 x 1 x 1 inches (2.54 x 2.54 x 2.54 cm)
UPC	604837560845
Compatibility	Aftermarket replacement for Whirlpool, Kenmore, KitchenAid, Maytag refrigerators

10. WARRANTY AND SUPPORT

For any questions regarding compatibility, installation, or product performance, please contact our customer support team. We are committed to resolving your inquiries and providing assistance within 24 hours.

Please have your refrigerator's model number and the part number of the Samoser Evaporator Fan Motor ready when contacting support to facilitate a quicker resolution.