

ForeverPRO DG96-00110F

ForeverPRO DG96-00110F Convection Motor Assembly for Samsung Ranges: Installation and Operation Manual

1. INTRODUCTION

This manual provides essential information for the safe and correct installation, operation, and maintenance of the ForeverPRO DG96-00110F Convection Motor Assembly. This component is designed as a replacement part for specific Samsung range models. Please read this manual thoroughly before attempting any installation or service.

2. SAFETY INFORMATION

WARNING: To reduce the risk of electric shock, fire, explosion, serious injury, or death, always follow these basic safety precautions:

- **Disconnect Power:** Always disconnect the power supply to the appliance before servicing or installing any parts. Failure to do so can result in electric shock.
- **Professional Installation Recommended:** Installation of this part should ideally be performed by a qualified technician. Improper installation can lead to appliance malfunction or safety hazards.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and eye protection, during installation.
- **Verify Compatibility:** Ensure this part is compatible with your specific appliance model before installation. Refer to the compatibility section of this manual.
- **Handle with Care:** Components may have sharp edges. Handle the motor assembly carefully to prevent injury.

3. PRODUCT OVERVIEW

The ForeverPRO DG96-00110F is a convection motor assembly designed for use in compatible Samsung electric ranges. This motor is responsible for circulating hot air within the oven cavity, ensuring even heat distribution for convection cooking functions. It is a direct replacement for the original part number DG96-00110F.



Image 1: ForeverPRO DG96-00110F Convection Motor Assembly. This image displays the ForeverPRO DG96-00110F Convection Motor Assembly. The component features a metal mounting bracket, a central motor housing, and a visible copper coil winding, indicating its electrical nature. It is designed as a replacement part for Samsung ranges.

4. COMPATIBILITY

This ForeverPRO DG96-00110F Convection Motor Assembly is compatible with various Samsung range models. Please verify your appliance's model number before purchasing and installing. Compatible models include, but are not limited to:

- NE58H9970WS/AA
- NE58H9970WS/AC
- NE58K9430SS/AA
- NE58K9560WS/AA
- NE58K9560WS/AC
- NE58K9850WG/AA
- NE58K9850WG/AC

- NE58K9850WS/AA
- NE58K9850WS/AC
- NE58R9560WG/AA
- NE59J7750WS/AA

5. INSTALLATION INSTRUCTIONS

Important: Due to the electrical nature and complexity of appliance repair, professional installation by a certified technician is strongly recommended. Incorrect installation can damage the appliance or pose safety risks.

If you choose to proceed with installation yourself, ensure you have the necessary tools and technical knowledge. Follow these general steps:

1. **Disconnect Power:** Unplug the range from the electrical outlet or turn off the circuit breaker supplying power to the appliance.
2. **Access the Motor:** Depending on your specific range model, you may need to remove the back panel, oven door, or other components to access the convection motor assembly. Consult your range's service manual for exact access procedures.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make diagrams of the existing wiring connections to ensure correct reassembly.
4. **Remove Old Motor:** Carefully disconnect the wiring and mounting screws holding the old convection motor in place. Remove the old motor.
5. **Install New Motor:** Position the new ForeverPRO DG96-00110F motor assembly in the same location. Secure it with the mounting screws.
6. **Reconnect Wiring:** Connect the wires to the new motor assembly according to your documentation from step 3. Ensure all connections are secure.
7. **Reassemble Appliance:** Reinstall any panels, doors, or components that were removed to access the motor.
8. **Restore Power:** Plug the range back into the electrical outlet or turn on the circuit breaker.
9. **Test Functionality:** Test the convection function of your range to ensure the new motor is operating correctly.

6. OPERATION

The convection motor assembly operates automatically when the convection cooking mode is selected on your Samsung range. Its function is to power a fan that circulates heated air throughout the oven cavity. This circulation helps to cook food more evenly and often faster than conventional baking, by distributing heat consistently around the food item.

7. MAINTENANCE

The ForeverPRO DG96-00110F Convection Motor Assembly is designed for durability and typically requires minimal maintenance. However, periodic inspection can help ensure its longevity:

- **Visual Inspection:** During routine cleaning or other appliance maintenance, visually inspect the motor area (if accessible) for any signs of wear, loose connections, or debris accumulation.
- **Keep Clean:** Ensure the area around the convection fan and motor is free from food particles or grease buildup, which could impede fan operation or cause overheating. Always disconnect power before cleaning.

8. TROUBLESHOOTING

If your Samsung range's convection function is not working correctly after installing the DG96-00110F motor assembly, consider the following troubleshooting steps:

- **No Convection Fan Movement:**
 - Ensure the range is properly plugged in and receiving power.
 - Check the circuit breaker for the appliance.
 - Verify all wiring connections to the new motor are secure and correctly matched.
 - Confirm the convection mode is correctly selected on the range's control panel.
- **Unusual Noises from Convection Fan:**
 - Disconnect power and inspect the fan blade for any obstructions (e.g., food debris).
 - Ensure the fan blade is securely attached to the motor shaft and not loose or bent.
 - Verify the motor assembly is securely mounted and not vibrating against other components.
- **Oven Not Heating Evenly in Convection Mode:**
 - Confirm the convection fan is spinning when the convection mode is active.
 - Check for any blockages around the fan or vents that might impede air circulation.

If these steps do not resolve the issue, it is recommended to contact a qualified appliance repair technician.

9. SPECIFICATIONS

- **Part Number:** DG96-00110F
- **Replaces Part Number:** 111979
- **Included Components:** Assy Motor Convection Ne58H9970Ws 120V 6
- **Item Package Quantity:** 1
- **Manufacturer:** ForeverPRO

10. WARRANTY AND SUPPORT

ForeverPRO offers a 'No Questions Asked Money Back Guarantee' for this product. For support or warranty inquiries, please refer to the contact information provided with your purchase or visit the ForeverPRO official website. ForeverPRO is a USA-based company.