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Canglan Technology WGFJ-G006

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Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Canglan Technology WGFJ-G006 Gas Oven Dedicated Fan. Please read this manual thoroughly before installation and use, and retain it for future reference.

The WGFJ-G006 is a 220V gas oven dedicated fan designed to enhance air circulation within gas ovens, ensuring uniform heat distribution for consistent cooking results. It features a universal motor for reliable performance and durable construction suitable for high-temperature environments.

SAFETY INFORMATION

WARNING: Electrical shock hazard. Always disconnect power before installing or servicing this unit. Installation should be performed by a qualified technician in accordance with all local electrical codes.

- Ensure the power supply matches the fan's voltage (220V/50Hz).
- Do not operate the fan if it is damaged or malfunctioning.
- Keep hands and foreign objects away from moving parts.
- This fan is designed for gas oven applications only. Do not use for other purposes.
- Ensure proper ventilation during installation and operation.

SETUP AND INSTALLATION

The WGFJ-G006 fan is designed for straightforward installation into compatible gas oven systems. Refer to the following steps and diagrams for proper mounting.

1. **Power Disconnection:** Before beginning installation, ensure the main power supply to the gas oven is completely disconnected.
2. **Mounting Location:** Identify the designated mounting location within your gas oven system. Ensure adequate clearance for the fan and its wiring.

3. **Secure Mounting:** Use appropriate fasteners to securely mount the fan to the oven structure. The installation hole dimensions are 65x65mm.
4. **Electrical Connection:** Connect the fan's wiring to the oven's 220V/50Hz power supply. Ensure all connections are secure and insulated according to electrical safety standards.
5. **Verify Installation:** Double-check all connections and mounting points for stability before restoring power.

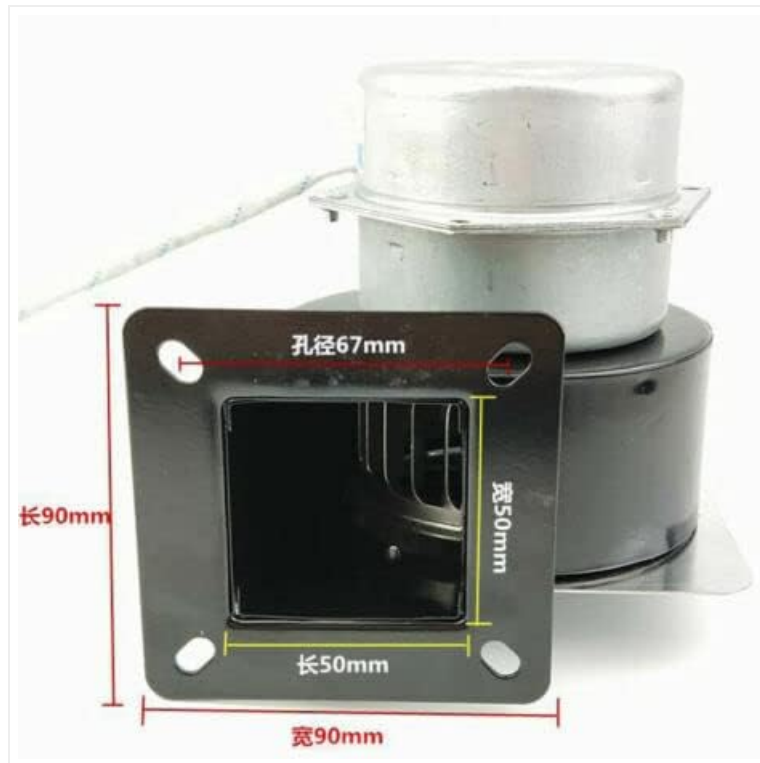


Figure 1: Installation Dimensions. This image illustrates the physical dimensions of the fan, including external measurements (90x90mm), inner opening (50x50mm), and the spacing for the installation holes (65x65mm).

OPERATING INSTRUCTIONS

Once properly installed and connected, the WGFJ-G006 fan operates in conjunction with your gas oven to circulate air. Some models may feature an air volume regulating panel for fine-tuning performance.

- **Automatic Operation:** The fan is designed to activate automatically when the oven requires air circulation, typically during heating cycles.
- **Air Volume Adjustment (if applicable):** If your fan includes an air volume regulating panel, you can adjust the airflow. Refer to the markings on the panel for guidance.
 - *Light (Green):* Indicates insufficient air. Turn the valve to increase airflow.
 - *Moderate:* Indicates optimal air volume.
 - *Dark (Green):* Indicates excessive air.
- **Monitoring Performance:** Observe the oven's heating consistency to ensure the fan is operating effectively.



Figure 2: Air Volume Regulating Panel. This image displays the air volume adjustment mechanism, including numerical settings and color-coded indicators for air sufficiency.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your WGJ-G006 fan.

- **Cleaning:** Periodically inspect the fan blades and housing for dust, grease, or debris accumulation. Disconnect power before cleaning. Use a soft, dry cloth to wipe surfaces. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect electrical connections for signs of wear or damage. Check for any unusual noises during operation, which may indicate a need for professional servicing.
- **Professional Service:** For any complex repairs or internal component issues, contact a qualified appliance technician. Do not attempt to disassemble the motor or internal electrical components yourself.

TROUBLESHOOTING

If you encounter issues with your WGJ-G006 fan, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; Loose electrical connection; Faulty motor.	Check oven's power supply; Verify all electrical connections; Contact a qualified technician for motor inspection.
Fan makes unusual noise.	Debris in fan blades; Worn bearings; Loose mounting.	Disconnect power and clean fan blades; Contact a qualified technician for bearing replacement; Tighten mounting screws.
Poor air circulation in oven.	Blocked airflow; Incorrect air volume setting (if applicable); Fan operating below optimal speed.	Ensure no obstructions around fan; Adjust air volume regulating panel; Contact a qualified technician.

SPECIFICATIONS

Feature	Detail
Model	WGFJ-G006
Voltage	AC220V
Frequency	50Hz
Power	20W
Pole Number	2P
Current	0.12A
Rotating Speed	2700r/min
External Dimensions	90mm x 90mm
Inner Dimensions	50mm x 50mm
Installation Hole Spacing	65mm x 65mm
Manufacturer	Canglan Technology

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the purchase documentation or contact Canglan Technology directly. Keep your proof of purchase for warranty claims.

Contact Information: Please refer to the seller's information on your purchase receipt or the official Canglan Technology website for the most current support contact details.

