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iLiving ILG8SFSC

iLIVING ILG8SFSC Solid State Variable Adjustable Precision Fan Speed Controller

Model: ILG8SFSC

INTRODUCTION

The iLIVING ILG8SFSC Solid State Variable Adjustable Precision Fan Speed Controller is designed to provide precise speed control for iLIVING variable speed shutter exhaust fans and other compatible ventilators or fans. This controller allows for adjustable speed operation across a range from minimum to maximum fan speeds. It features easy connection and is designed to fit a standard single gang electrical box. The unit is UL listed and operates at 120 volts with an 8 amp capacity.

SAFETY INSTRUCTIONS

WARNING: To reduce the risk of fire or electric shock, do not use this control in an insulated wall.

CAUTION: To reduce the risk of electric shock, always disconnect the power supply before installing, servicing, or cleaning the unit.

- Ensure all electrical connections comply with local codes and ordinances.
- This device is intended for indoor use only.
- Do not exceed the maximum rated amperage of 8 amps.
- Consult a qualified electrician if you are unsure about any part of the installation process.



Image: Back view of the controller displaying caution and warning labels regarding electrical shock and installation in insulated walls.

PRODUCT FEATURES

- Precision fan speed control for optimal airflow adjustment.
- Rotary type knob with integrated on/off function.
- Includes a brushed aluminum switch plate and mounting screws.
- Designed to fit standard single gang electrical boxes.
- UL listed for safety and quality assurance.
- Compatible with 120V, 8A electrical systems.
- OEM part intended for use with iLIVING shutter fans and other compatible variable speed fans.



Image: Front view of the iLIVING ILG8SFSC fan speed controller, showing the rotary knob and 'Solid-State Fan Speed Control' label.

SPECIFICATIONS

Feature	Detail
Model Name	ILG8SFSC
Voltage	120V
Amperage	8A
Power Source	Electric
Switch Type	Rotary Switch with On/Off
Product Dimensions (D x W x H)	3" x 4" x 5"

Feature	Detail
Item Weight	8 ounces
Installation Type	Wall Mount (fits single gang box)
Certifications	UL Listed
Color	Black



Image: Back view of the controller showing model number (ILG8SFSC), voltage (120V), frequency (50/60 Hz), and full load amps (8A).



Image: Side view of the controller illustrating its dimensions, approximately 4.7 inches (12 cm) in height.

SETUP AND INSTALLATION

This section provides general guidelines for installing the iLIVING ILG8SFSC fan speed controller. Professional installation by a qualified electrician is recommended.

- 1. Power Disconnection:** Before beginning any installation, ensure the main power supply to the circuit where the controller will be installed is turned OFF at the circuit breaker or fuse box. Verify power is off using a voltage tester.
- 2. Prepare Wiring:** Identify the power supply wires (line, load, ground) in the electrical box. The controller typically has two wires for the fan connection and one for the power input.
- 3. Connect Wires:** Connect the controller's wires to the appropriate fan and power supply wires using wire nuts. Follow the wiring diagram provided with your fan or consult a professional. Ensure all

connections are secure.

4. **Mount Controller:** Carefully place the controller into the standard single gang electrical box. Secure it using the provided screws and the brushed aluminum switch plate.
5. **Restore Power:** Once the installation is complete and the switch plate is securely fastened, restore power to the circuit.

Note: This controller is designed for use with permanent split capacitor (PSC) motors. Using it with other motor types may cause damage to the motor or controller.

OPERATING INSTRUCTIONS

The iLIVING ILG8SFSC fan speed controller features a simple rotary knob for operation.

1. **Turn On/Off:** Rotate the knob clockwise from the 'OFF' position to turn on the connected fan. Continue rotating clockwise to increase the fan speed.
2. **Adjust Speed:** Rotate the knob clockwise to increase the fan speed and counter-clockwise to decrease the fan speed. The controller allows for continuous adjustment between minimum and maximum speeds.
3. **Turn Off:** Rotate the knob counter-clockwise until it clicks into the 'OFF' position to turn off the fan.

When operating at lower speeds, some fans may produce a slight humming sound. This is generally normal for variable speed control and does not indicate a malfunction.

MAINTENANCE

The iLIVING ILG8SFSC fan speed controller requires minimal maintenance.

- **Cleaning:** Ensure the power is disconnected before cleaning. Wipe the surface of the controller and switch plate with a soft, dry cloth. Do not use abrasive cleaners or solvents, as they may damage the finish.
- **Inspection:** Periodically check the switch plate and knob for any signs of damage or loose connections. If any issues are found, disconnect power and address them promptly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan does not turn on.	No power to the circuit. Incorrect wiring. Faulty fan or controller.	Check circuit breaker. Verify wiring connections (consult electrician). Test fan directly or replace controller.
Fan operates only at full speed or no speed control.	Controller malfunction. Incompatible fan motor type.	Replace controller. Ensure fan has a permanent split capacitor (PSC) motor.
Fan hums at lower speeds.	Normal operation for variable speed control.	This is generally expected and does not indicate a fault.

Problem	Possible Cause	Solution
Controller feels warm.	Normal operation (heat dissipation). Overload.	Slight warmth is normal. If excessively hot, disconnect power and check fan amperage against controller rating.

If troubleshooting steps do not resolve the issue, contact iLIVING customer support.

WARRANTY AND SUPPORT

The iLIVING ILG8SFSC Solid State Variable Adjustable Precision Fan Speed Controller comes with a **1-Year Limited Component Warranty**.

For warranty claims, technical assistance, or further inquiries, please contact iLIVING customer support through their official website or the retailer where the product was purchased.

Please retain your proof of purchase for warranty validation.