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iLiving ILG8G14-12T

iLiving ILG8G14-12T Automatic Gable Mount Attic Ventilator Fan

Model: ILG8G14-12T | Brand: iLiving

1. Introduction

The iLiving ILG8G14-12T Automatic Gable Mount Attic Ventilator Fan is designed to improve home comfort and energy efficiency by removing hot, stagnant air from your attic. This fan features an automatic adjustable thermostat and a durable galvanized steel housing, ensuring long-lasting performance. By exchanging heated attic air with cooler outside air, it helps reduce heat buildup, which can significantly lower indoor temperatures and decrease air conditioning costs.



Figure 1: iLiving Gable Mount Attic Ventilator Fan

A well-balanced ventilation system contributes to a better living environment by preventing excessive heat transfer from the attic to living spaces below. This fan is suitable for various applications including attics, garages, workshops, and greenhouses.

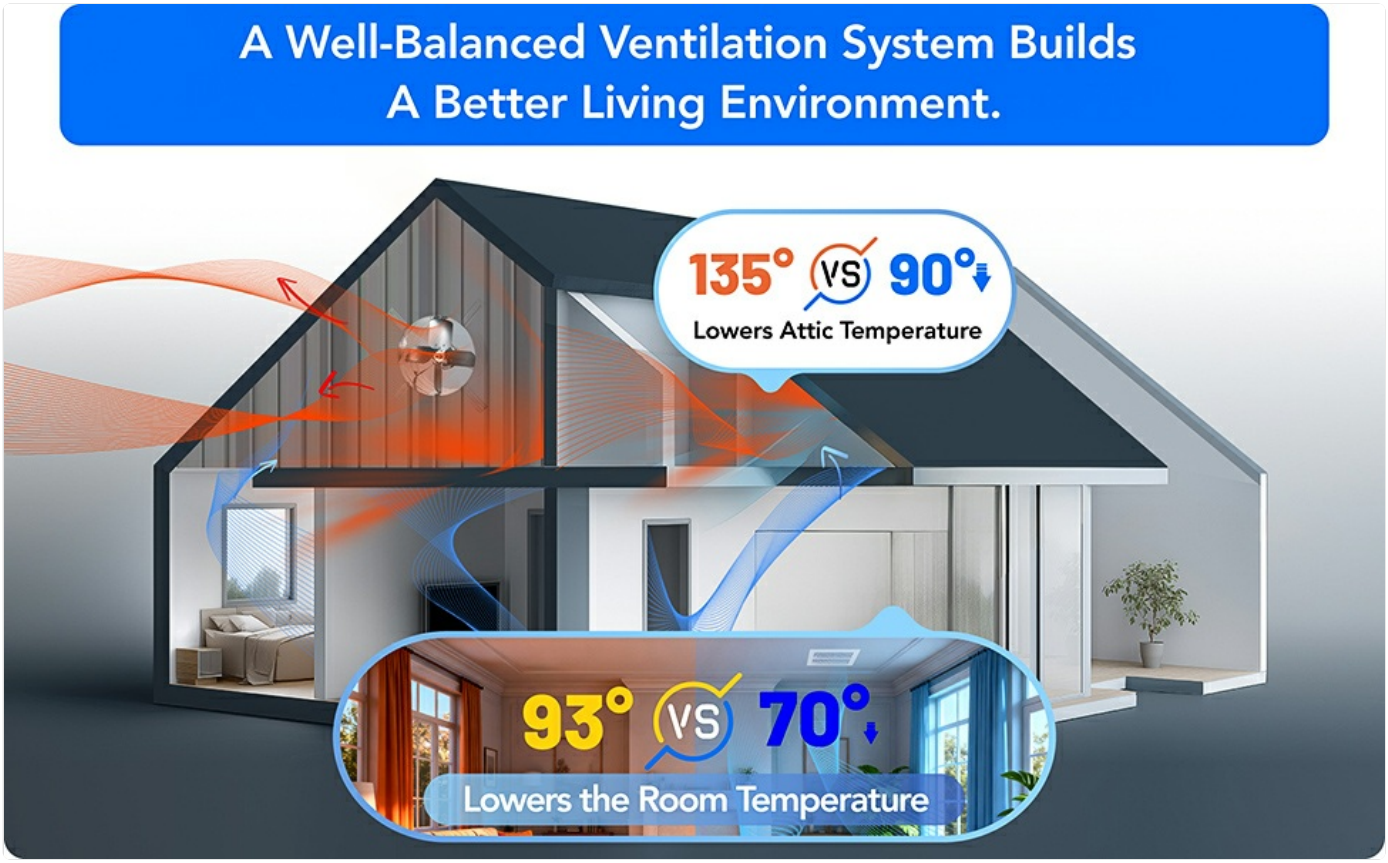


Figure 2: Illustration of a balanced ventilation system reducing attic and room temperatures.

2. Safety Information

WARNING: To reduce the risk of fire, electric shock, or injury to persons, observe the following:

- Read all instructions before installing or using this fan.
- Installation must be performed by a qualified electrician in accordance with all applicable local codes and standards. Hardwiring is required.
- Disconnect power at the service panel before servicing or cleaning the unit.
- Ensure the fan is securely mounted to prevent accidental dislodgement.
- Do not operate any fan with a damaged cord or plug, or after the fan malfunctions or has been dropped or damaged in any manner.
- Keep fingers and other objects away from the fan blades during operation.
- This fan is designed for indoor use in attics. Do not expose to rain or water. Install behind shutters for better protection from rain.

3. Package Contents

Verify that all components are present and undamaged:

- Gable Mount Attic Ventilator Fan
- Adjustable Thermostat Control Unit

- Mounting Hardware (brackets, screws, nuts)
- Owner's Manual

4. Specifications

Feature	Specification
Model Name	ILG8G14-12T
Power Source	Electric
Voltage	120 Volts
Wattage	230 watts
Amperage	2.85 Amps
Motor Horsepower	1/8 HP
Speed	1010 RPM (Single Speed)
Air Flow Capacity	2339 Cubic Feet Per Minute (CFM)
Coverage Area	Up to 3400 square feet of attic space
Blade Diameter	14 Inches
Number of Blades	4
Housing Material	Galvanized Steel
Product Dimensions	8"D x 15"W x 15"H
Item Weight	9.8 Pounds
Noise Level	63 Decibels
Special Feature	Programmable, Safety Certified (ETL)
Installation Type	Gable Mount

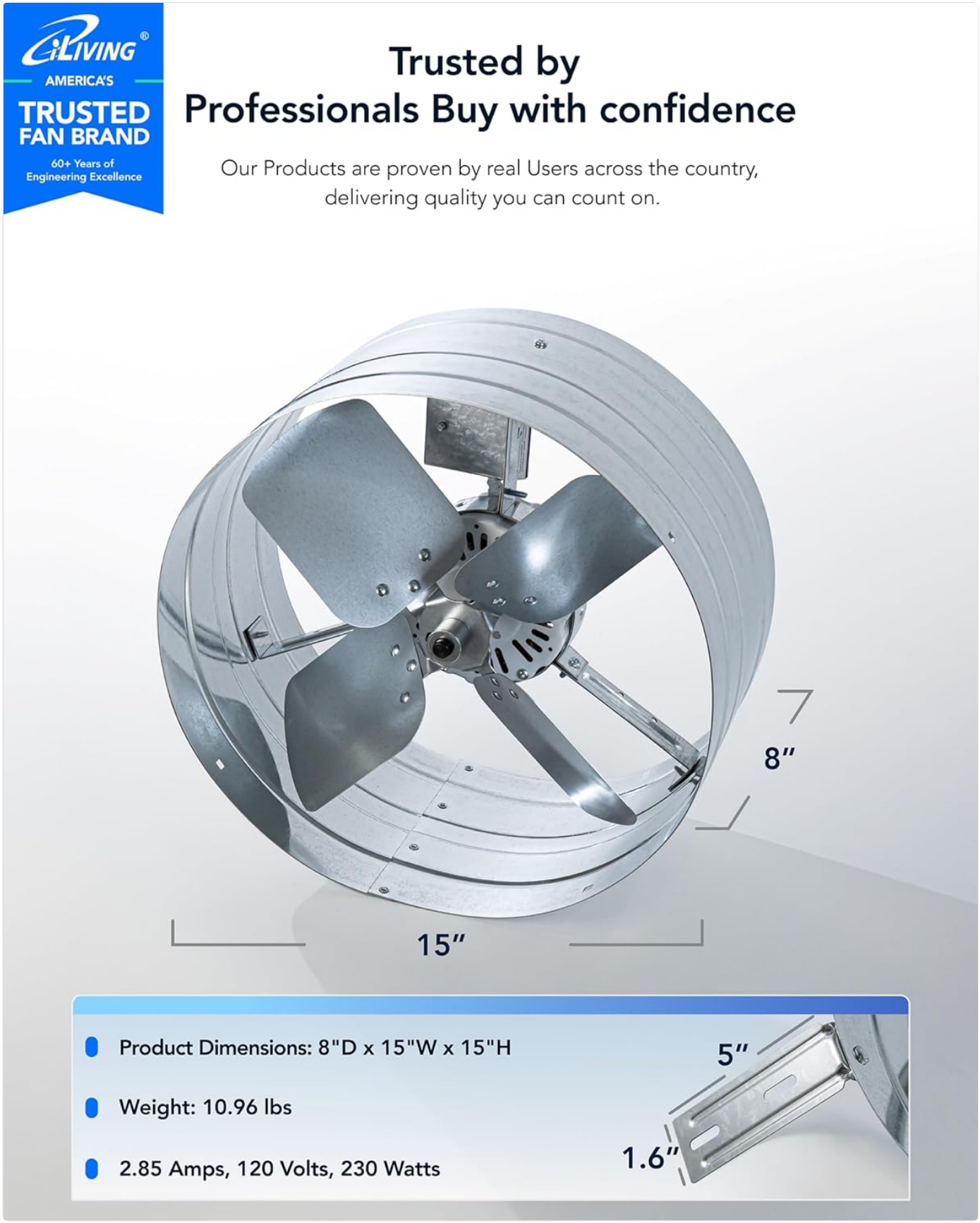


Figure 3: Product dimensions and key features.

5. Setup and Installation

This fan is designed for gable mount installation and requires hardwiring. Professional installation by a qualified electrician is recommended.

5.1 Pre-Installation Steps

- **Power Disconnection:** Ensure power to the installation area is completely disconnected at the circuit breaker before beginning any work.
- **Location Selection:** Choose a suitable gable vent opening in your attic. The fan should be installed behind an existing or newly installed louvered shutter for protection against weather elements.
- **Opening Preparation:** If a new opening is required, use the template provided on the product packaging to cut the appropriate size (15-inch diameter) in plywood or other suitable material.

5.2 Mounting the Fan

- Position the fan within the gable opening. The galvanized steel housing includes pre-fitted mounting brackets for easy installation.
- Secure the fan to the attic framing (e.g., 2x4s) using the provided mounting hardware (screws, nuts). Ensure the fan is stable and vibration-free.



Figure 4: Fan installed in a gable opening within an attic.

5.3 Electrical Connection

- The fan requires hardwiring. Connect the fan's electrical wires to a 120V power source through the adjustable thermostat control unit.
- Follow the wiring diagram provided in the owner's manual for correct connections.
- Ensure all connections are secure and properly insulated.



Figure 5: Mounting brackets for secure installation.

6. Operating Instructions

The iLiving Gable Mount Attic Ventilator Fan operates automatically based on the adjustable thermostat settings.

6.1 Thermostat Control

- The fan is equipped with an automatic adjustable built-in thermostat.
- Set the desired temperature on the thermostat control unit (typically between 60°F and 120°F).
- When the attic temperature rises above the set temperature, the fan will automatically turn on to exhaust hot air.
- When the attic temperature cools down below the set temperature, the fan will automatically turn off.



Figure 6: Adjustable thermostat control dial.



Figure 7: Automatic thermostat operation.

6.2 Fan Speed

This model is a single-speed fan, operating at a consistent 1010 RPM when activated by the thermostat.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your attic fan.

- **Power Disconnection:** Always disconnect power to the fan at the circuit breaker before performing any maintenance.
- **Cleaning:** Periodically inspect and clean the fan blades and motor housing to remove dust, debris, and cobwebs. Use a soft, dry cloth or a vacuum cleaner. Do not use water or harsh chemicals.
- **Motor Lubrication:** The motor is permanently lubricated and does not require additional lubrication.
- **Inspection:** Check mounting brackets and electrical connections annually to ensure they remain secure.

8. Troubleshooting

If you encounter issues with your iLiving attic fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Fan does not turn on	◦ No power to the unit. ◦ Thermostat set too high. ◦ Faulty wiring connection. ◦ Motor malfunction.	◦ Check circuit breaker and power supply. ◦ Lower the thermostat setting to below the current attic temperature. ◦ Inspect wiring for loose connections (ensure power is off). ◦ Contact customer support if motor is faulty.
Fan is excessively noisy	◦ Loose mounting. ◦ Debris in fan blades. ◦ Damaged fan blades.	◦ Tighten mounting brackets and hardware. ◦ Disconnect power and remove any debris. ◦ Inspect blades for damage; contact support if damaged.
Fan runs continuously	◦ Thermostat set too low. ◦ Thermostat malfunction.	◦ Raise the thermostat setting above the current attic temperature. ◦ Contact customer support if thermostat is faulty.

9. Warranty and Support

9.1 Warranty Information

This iLiving product comes with a**1-Year Limited Component Warranty**. Please refer to the warranty card included in your package or contact iLiving customer service for detailed terms and conditions.

9.2 Customer Support

iLiving USA is committed to customer satisfaction. For any questions, technical assistance, or warranty claims, please contact our local experts. Support is available online or by phone.

- **Online Support:** Visit the iLiving USA website for FAQs and contact information.
- **Phone Support:** Refer to your owner's manual for the customer service phone number.

Figure 8: ETL Listed certification and available customer support.

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