



Humidity and Thermostat control box for Attic Fan



MODEL: ILG001TH
120VAC, 60Hz

Owner's Manual

**PLEASE READ AND
SAVE THESE INSTRUCTIONS**

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IMPORTANT INSTRUCTIONS

CAUTION: Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Do not use the fan if any part is damaged or missing.

Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage!

Retain instructions for future reference.

WARNING: To reduce the risk of electric shock, do not expose the fan to water or rain. To reduce the risk of fire or electric shock, do not use this fan with any solid state speed control device.

General Safety Information

NOTE: To comply with UL507, air circulator is not to be used in unattended areas.

1. Ensure that the power source conforms to the electrical requirements of the fan. All wiring must be in accordance with National Electrical Code (ANSI/NFPA 70-1999).
2. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in the warranty.
3. Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag to the service panel.
4. Installation work and electrical wiring must be done by a qualified person in accordance with appliance codes and standards, including fire-rated construction codes and standards.
5. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent excessive low pressure and to prevent back drafting. Follow the heating equipment to guidelines and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
6. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
7. The wiring must be permanent. **DO NOT USE EXTENSION CORD!** Although the Powered Gable Ventilator may be wired directly to power, we advise that some type of shut off switch be installed on the line. Please see the section on electrical wiring

for suggested wiring diagrams and instructions.

8. The fan should be mounted behind louvers or in a location where the entrance of drawn in water is unlikely.

9. For general ventilating use only. Do not use this fan to exhaust hazardous or explosive materials or vapors.

10. To avoid motor bearing damage and noisy and/or unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.

11. Attach louvers or grilles when installing the fan.

12. Ensure that the power source conforms to the electrical requirements of the fan.

13. This fan is to be operated without guards in place to prevent persons and/or objects from contacting the revolving propeller. Do not get close to the fan after turn on. It may create unsafe conditions.

14. Fan is intended for general air circulation ONLY. It must NOT be used in potentially dangerous locations such as flammable, explosive, chemical-laden, or wet atmospheres. Keep a suitable distance from the louver when installed, since rain may create an electrical hazard.

Do not attach ductwork to the fan.

15. Fan motor is equipped with an automatically resetting thermal protector that will disconnect power if the motor overheats. Always disconnect power before inspection or cleaning, as motor may restart unexpectedly.

16. In cases in which property damage may result from malfunction of the fan, a suitable alarm (air switch, temperature sensor, etc.) should be used.

WARNING: Do not depend on any switch as the sole means of disconnecting power when installing or servicing the fan. Failure to do so may result in fatal electrical shock.

WARNING: Do not insert fingers or foreign objects into the fan. Do not block or tamper with the fan in any manner while it is in operation.

WARNING: Do not touch motor as it may be hot enough to cause injury.

WARNING: Unplug prior to servicing unit.

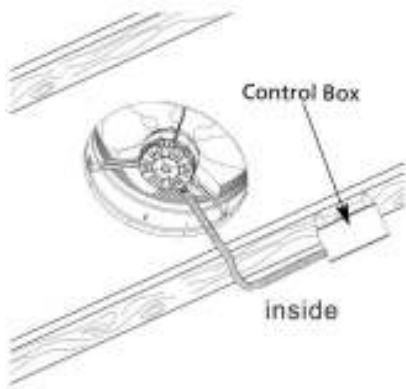
WARNING: To reduce the risk of fire or electric shock, do not use this fan with any speed control device.

SAVE THESE INSTRUCTIONS

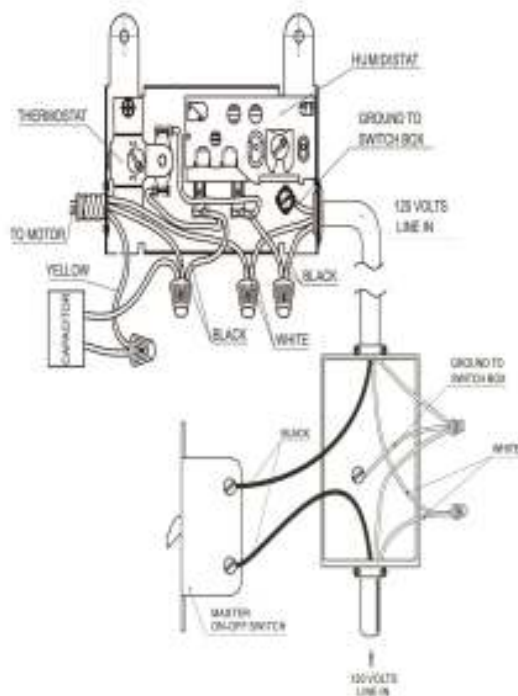
INSTALLATION INSTRUCTION

WARNING: Turn off the wall switch prior to servicing the unit. To avoid personal injury, wall switch must be turned off before servicing since the built-in thermal protection may turn on the circulator automatically.

1 Mount the control box on the adjacent rafter.



2 Connect the Black and White wire line out from the control box to the electric lines controlled by a master On/Off switch as shown below wiring diagram.



OPERATION INSTRUCTION

Please set the Thermostat and Humidistat to desired condition before operating the fan. Use a screw driver to turn the arrow of the knob to the desire temperature and humidity mark on the panel of the control box. To avoid the possibility of overturning the fan, operate on a stable, level surface. Do not move fan while it is in operation.

MAINTENANCE AND CLEANING

WARNING: Parts replacement and troubleshooting to be performed only by qualified personnel.

WARNING: Do not depend on any switch as the sole means of disconnecting power when installing or servicing the fan. Failure to do so may result in fatal electrical shock.

WARNING: Turn off the wall switch before servicing or cleaning.

CAUTION: There is no user maintenance part except regular cleaning as indicated below. All other servicing or maintenance should be performed by qualified service personnel.

To clean the fan, use a soft damp cloth. Wipe down with a dry cloth. Do not use cleaners that are harmful to paints or plastics.

CAUTION: Do not use gasoline, benzene, thinner, harsh cleaners, etc., which are dangerous and will damage the air circulator.

The propeller, guard, and motor should be cleaned periodically to prevent overheating, and/or operating in an imbalanced condition.

CAUTION: Do not repair propeller if it becomes damaged. The propeller is accurately balanced at the factory and should be replaced if damaged.

Do not bend the blades.

Motor is permanently lubricated.

TROUBLESHOOTING

If your fan fails to operate, please follow these Instructions:

1. Make sure the fan is well connected and the electrical line-in is working properly.
2. Check for any obstruction. If you find an obstruction, turn the fan "OFF". Disconnect the fan and carefully remove the obstruction.

Reconnect the fan and turn it on again and see if it resumes normal operation.

NOTE: IF YOU EXPERIENCE A PROBLEM WITH YOUR FAN, PLEASE DO NOT ATTEMPT TO OPEN OR REPAIR THE FAN YOURSELF. DOING SO COULD CAUSE DAMAGE OR PERSONAL INJURY. Always consult the authorized dealer or certified electrician for further action.

Product Specifications

Model#: ILG001TH

Voltage: 120V, 60Hz

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