HIDALIFE HL12-80-45-0038US

HIDALIFE HL12-80-45-0038US 6-Blade Heat Powered Stove Fan Instruction Manual

Model: HL12-80-45-0038US

Introduction

Thank you for choosing the HIDALIFE 6-Blade Heat Powered Stove Fan. This innovative fan is designed to efficiently circulate warm air generated by your wood stove, fireplace, pellet stove, or compatible propane heater, enhancing heat distribution throughout your space without requiring electricity or batteries. Its operation is entirely powered by the heat from the appliance, making it an eco-friendly and cost-effective solution for improved comfort.

Important Safety Information

- Always place the fan on a flat, stable surface on top of your heat source.
- Ensure the fan is placed away from the flue pipe to prevent overheating and damage.
- The optimal operating temperature range for the fan is between 140°F to 653°F (60°C to 345°C). Operating outside this range may damage the fan or reduce its efficiency.
- Do not touch the fan base or blades when in operation or immediately after use, as they will be hot. Use the integrated handle to move the fan only when necessary.
- Keep children and pets away from the fan during operation.
- If the fan stops spinning or slows down significantly, check the temperature of your heat source.
- Never immerse the fan in water or any other liquid.
- Do not modify or disassemble the fan.

Package Contents

Your HIDALIFE 6-Blade Heat Powered Stove Fan package includes:

- 1 x 6-Blade Wood Stove Fan
- 1 x Magnetic Thermometer
- 1 x Bracket to stand on heater (for compatible propane heaters)

Setup and Installation

For Wood Stoves and Fireplaces:

1. Place the fan on a smooth, flat surface on the top of your wood stove or fireplace.
2. Position the fan towards the back of the stove, ensuring it is not directly in front of the flue pipe. This allows it to capture maximum heat for optimal operation.
3. The fan will begin to operate automatically as the surface temperature of the stove reaches approximately 140°F (60°C).



Image: The HIDALIFE 6-Blade Heat Powered Stove Fan positioned on top of a wood stove, circulating warm air. A kettle is also visible on the stove.

For Compatible Propane Heaters (e.g., Mr. Buddy Heater):

1. Attach the provided bracket to the top grill of your propane heater. The bracket is designed to securely hold the fan above the heat source.
2. Slide the fan onto the bracket. Ensure it is stable and positioned to direct airflow into your desired area.
3. The fan will activate as the heater's surface temperature rises.



Image: The HIDALIFE 6-Blade Heat Powered Stove Fan mounted with its bracket on a portable propane heater, ready to distribute heat.

Magnetic Thermometer Placement:

- Attach the magnetic thermometer to the surface of your stove or heater, preferably near the fan, to monitor the operating temperature.
- The thermometer helps ensure the fan operates within its optimal temperature range for longevity and efficiency.



Image: The HIDALIFE 6-Blade Heat Powered Stove Fan shown with its dimensions and a magnetic thermometer, illustrating the complete product

package.

Operating Instructions

The HIDALIFE Heat Powered Stove Fan operates automatically based on the temperature of its base. No manual intervention is required once properly placed.

- **Automatic Start:** As the surface temperature of your stove or heater reaches approximately 140°F (60°C), the fan's thermoelectric module will generate electricity to power the motor, causing the blades to spin.
- **Speed Adjustment:** The fan's speed will increase as the temperature of the heat source rises, and slow down as it cools. This ensures efficient heat distribution at varying heat levels.
- **Silent Operation:** Designed with a powerful yet quiet motor, the fan operates at less than 25dB, ensuring it does not disturb your peace.
- **Overheating Protection:** An in-built bi-metallic strip at the base of the fan will slightly raise the fan's edge if the maximum operating temperature is reached, protecting the motor and thermoelectric module from damage.
- **Automatic Stop:** When the heat source cools down below the activation temperature, the fan will automatically slow down and stop.

Demonstration Videos:

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Video: A demonstration of the 6-blade fan with a thermometer on a Buddy heater, showcasing its heat-powered operation and heat distribution capabilities.

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Video: This video illustrates how the fan increases the circulation of heat from a Buddy heater, improving overall warmth in the surrounding area.

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Video: A user review demonstrating the fan's ability to move heat around effectively, highlighting its utility for various heating setups.

Maintenance

- Allow the fan to cool completely before cleaning.
- Wipe the fan blades and base with a soft, damp cloth to remove dust or debris. Do not use abrasive cleaners.
- Regularly check for any loose parts or damage. If any damage is found, discontinue use and contact customer support.
- Store the fan in a dry place when not in use.

Troubleshooting

Problem	Possible Cause	Solution
Fan not spinning or spinning slowly.	Surface temperature is too low or too high.	Ensure the stove/heater surface temperature is within the optimal range (140°F - 653°F / 60°C - 345°C). Adjust heat source if necessary.
Fan is noisy.	Dust accumulation or damaged blades/bearings.	Clean the fan blades. If noise persists, contact customer support.

Problem	Possible Cause	Solution
Fan is not moving air effectively.	Incorrect placement or insufficient heat.	Reposition the fan for better heat capture. Ensure the heat source is operating at an adequate temperature.

Specifications

Feature	Detail
Brand	HIDALIFE
Model Name	6 Blades fan with bracket and thermometer
Model Number	HL12-80-45-0038US
Color	Black
Power Source	Heat powered
Material	Aluminum
Number of Blades	6
Noise Level	Less than 25 Decibels
Operating Temperature Range	140°F to 653°F (60°C to 345°C)
Product Dimensions (D x W x H)	2.2"D x 3.5"W x 7.9"H
Item Weight	1.28 Pounds
Recommended Uses	Air Circulation (Indoor, Outdoor)

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official HIDALIFE website. Keep your purchase receipt as proof of purchase.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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