Protech Heat Powered Fireplace Fan

Protech Heat Powered Fireplace Fan Instruction Manual

Model: Heat Powered Fireplace Fan

1. Introduction

The Protech Heat Powered Fireplace Fan is designed to improve the efficiency of your fireplace or wood-burning stove by circulating warm air throughout the room. This fan operates without electricity or batteries, utilizing the heat generated by the stove surface to power its motor. This manual provides essential information for the safe and effective use of your fan.

Figure 1: Front view of the Protech Heat Powered Fireplace Fan. The fan features three blades and a sturdy base, designed to sit on a flat surface.

2. Safety Information

Please read and understand all safety instructions before operating the fan. Failure to follow these instructions may result in injury or damage to the product.

- Always place the fan on a flat, stable surface on top of the stove or fireplace.
- Ensure the fan is positioned away from the flue pipe to prevent overheating and potential damage. The optimal operating temperature range is 60°C to 345°C (140°F to 653°F).
- Do not handle the fan directly when it is hot. Always use the integrated handle or wear protective gloves.
- Keep children and pets away from the fan during operation. The blades rotate at high speed and the fan base becomes very hot.
- Never immerse the fan in water or any other liquid.
- If the fan stops working or shows signs of damage, discontinue use immediately.
- This fan is designed for use with freestanding stoves and fireplaces. Do not use it with built-in fireplaces or other heat sources not explicitly approved.

3. Setup

1. **Unpack:** Carefully remove the fan from its packaging. Inspect for any signs of damage.
2. **Placement:** Place the fan on a smooth, flat surface of your stove or fireplace top. The ideal position is near the side or back of the stove, ensuring the base is directly exposed to the heat.
3. **Orientation:** Ensure the fan blades are free to rotate without obstruction. The fan should be oriented to direct airflow into the room, away from the stove itself.

Figure 2: Side view of the Protech Heat Powered Fireplace Fan, illustrating its compact design and the position of the blades relative to the base. This view helps in understanding proper placement on a stove surface.

4. Operating Instructions

The Protech Heat Powered Fireplace Fan operates automatically based on the temperature of the stove surface.

- Once the stove surface reaches approximately 60°C (140°F), the fan will begin to operate.
- As the stove temperature increases, the fan blades will spin faster, circulating more warm air.

- When the stove cools down below the operating temperature, the fan will slow down and eventually stop.
- No manual intervention, batteries, or external power source is required for operation.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your fan.

- **Cleaning:** Periodically wipe the fan blades and base with a soft, damp cloth when the fan is completely cool. Do not use abrasive cleaners or immerse the fan in water.
- **Storage:** If storing the fan for an extended period, ensure it is clean and dry. Store in a cool, dry place away from direct sunlight.
- **Inspection:** Regularly check for any loose parts or damage. If any damage is observed, discontinue use.

6. Troubleshooting

Problem	Possible Cause	Solution
Fan does not start or spins slowly.	Stove surface temperature is too low.	Ensure the stove surface has reached at least 60°C (140°F). Reposition the fan to a hotter part of the stove top.
Fan is noisy or wobbles.	Fan blades are dirty or damaged; fan is not on a flat surface.	Clean the blades. Ensure the fan is placed on a completely flat and stable surface. Check for any physical damage to the blades or motor.
Fan stops during operation.	Stove temperature has dropped below operating threshold.	This is normal. The fan will restart when the stove heats up again.

7. Specifications

Brand: Protech

Model: Heat Powered Fireplace Fan

Operating Temperature: 60°C - 345°C (140°F - 653°F)

Power Source: Heat Powered (No batteries or electricity required)

Product Dimensions (approx.): Width 160mm, Height 210mm, Depth 110mm

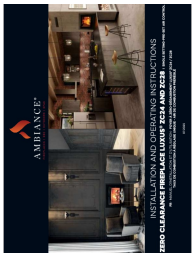
Weight (approx.): 650g

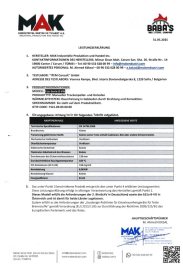
ASIN: B08SHFWT6B

8. Warranty and Support

This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact Protech customer support.
For technical assistance or support inquiries, please visit the official Protech website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - Heat Powered Fireplace Fan

	Supra USKO Wood Burning Stove: Installation and User Manual Comprehensive guide for installing, using, and maintaining the Supra USKO wood burning stove. Includes technical specifications, safety guidelines, operational instructions, and maintenance recommendations.
	Panadero Fenix Wood Burning Stove: User Manual, Installation, and Specifications A comprehensive guide for the Panadero Fenix wood-burning stove, detailing installation procedures, safe usage, maintenance instructions, fuel recommendations, technical specifications, and warranty information. Learn how to operate your stove efficiently and maintain it for optimal performance.
	Thermorossi CHICCA Pellet Stove: Installation, Use, and Maintenance Guide Comprehensive guide for the Thermorossi CHICCA pellet stove, covering installation, operation, maintenance, safety, and troubleshooting. Learn how to safely and efficiently use your wood pellet stove.
	Mazona Wicklow/Warwick Stove Range: Operation and Installation Manual Comprehensive operation and installation manual for the Mazona Wicklow/Warwick Eco-design Compliant stove range, covering installation, operation, maintenance, troubleshooting, technical specifications, and warranty information for models MZSWIC4, MZSWIC5, MZSWIC8, MZSWIC10, and MZSWIC5WS. Includes guidance on smoke control areas and regulatory compliance.
	Ambiance Luxus ZC24/ZC28 Wood Fireplace Owner's Manual Comprehensive owner's manual for the Ambiance Luxus ZC24 and ZC28 wood fireplaces, providing essential information on safe operation, installation guidelines, maintenance procedures, and technical specifications.



[MAK Eco-Serie 8 kW Pellet Stove - Performance and Features]

Detailed performance declaration and features of the MAK Eco-Serie 8 kW pellet and wood stove, suitable for home heating. Includes technical specifications, energy efficiency, and package contents.