

Tbest 400W/600W (B09KBJ6F2M)

Tbest Portable 12V Car Heater (Model: 400W/600W)

Instruction Manual

Brand: Tbest | Model: 400W/600W (B09KBJ6F2M)

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your Tbest Portable 12V Car Heater. Designed for automotive applications, this heater offers 400W or 600W power output to assist with winter heating and windshield defrosting. Please read this manual thoroughly before installation and operation.

2. SAFETY INFORMATION

- **Electrical Connections:** Ensure correct polarity when connecting to a 12V power source. Avoid mismatching positive and negative terminals to prevent damage to the unit or vehicle electrical system.
- **Power Source:** Use only with a 12V DC power supply. Do not attempt to connect to higher voltage systems.
- **Ventilation:** Ensure the heater's air intake and outlets are not obstructed during operation to prevent overheating.
- **Installation:** Securely mount the heater to prevent movement during vehicle operation.
- **Heat Output:** The air outlet temperature can reach approximately 80°C (176°F). Avoid direct contact with hot air outlets.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Tbest Car Heater Unit
- 2 x Air Outlet Tubes (flexible, aluminum)
- 2 x Hose Clamps (metal rings)
- 2 x Battery Clips (electric clips)
- 1 x Instruction Manual



Figure 3.1: Tbest Portable 12V Car Heater with accessories.

This image displays the main heater unit, which is a black rectangular box with two circular air outlets on the front and a red power switch on top. Alongside it are two flexible silver air tubes, two metal hose clamps, and two red and black battery clips, representing the complete package contents.

4. SPECIFICATIONS

Feature	Specification
Brand	Tbest
Model	400W/600W (B09KBJ6F2M)
Voltage	12V DC
Power	400W - 600W
Air Outlet Temperature	Approx. 80°C (176°F)
Material	Aluminum Alloy
Driving Mode	Standalone
Control Method	Manual Switch

Item Weight	1.8 pounds
Package Dimensions	6.69 x 5.91 x 5.91 inches

5. SETUP AND INSTALLATION

5.1 Mounting the Heater Unit

The heater unit features mounting holes for secure installation. Choose a stable, flat surface in your vehicle, such as the dashboard or floor, ensuring it does not obstruct driving or vehicle controls.



Figure 5.1: Heater unit with mounting points.

This image shows the bottom and side of the black rectangular heater unit, highlighting the integrated mounting brackets with multiple pre-drilled holes for secure attachment.

5.2 Electrical Connection

1. Connect the red wire from the heater to the positive (+) terminal of your 12V vehicle battery using the provided battery clip.
2. Connect the black wire from the heater to the negative (-) terminal of your 12V vehicle battery using the provided battery clip.
3. **Important:** Ensure correct polarity. Reversing the connections can damage the unit.
4. The unit includes a circuit breaker for safety. Ensure it is properly connected in the positive line.

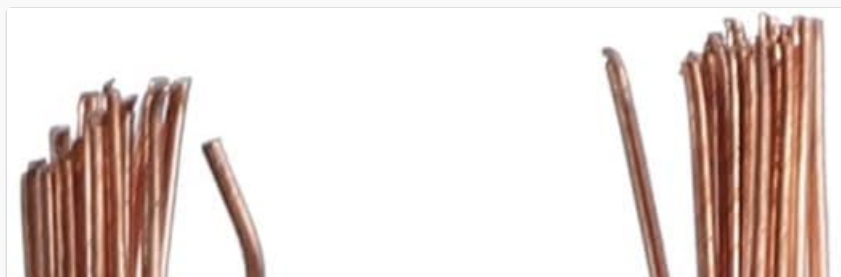




Figure 5.2: Power connection wires.

This image provides a close-up view of the red and black power wires extending from the heater unit, ready for connection to a 12V power source.

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Video 5.1: Car Heater 800W Installation and Test (Seller Video).

This video demonstrates the installation process of a similar car heater unit, including connecting the power cables to a battery and testing the heat output with a thermometer. It highlights the unit's functionality and ease of setup.

5.3 Air Outlet Tube Installation

Attach the flexible air outlet tubes to the two circular outlets on the front of the heater unit. Use the provided hose clamps to secure them. Direct the tubes to areas where heating or defrosting is desired, such as the windshield or footwell.



Figure 5.3: Heater in operation with air outlets.

This image illustrates the car heater unit actively emitting hot air from its two circular outlets, demonstrating its primary function of providing warmth and aiding in defrosting.

6. OPERATING INSTRUCTIONS

1. After successful installation and connection to a 12V power source, locate the red power switch on the top of

the heater unit.

2. Flip the switch to the "ON" position to activate the heater. The fan will begin to operate, and warm air will be emitted from the outlets.
3. To turn off the heater, flip the switch back to the "OFF" position.
4. For optimal defrosting, direct the air outlet tubes towards the windshield.



Figure 6.1: Heater power switch.

This image shows the top surface of the car heater unit, featuring a prominent red rocker switch that controls the power to the device.

7. MAINTENANCE

- **Cleaning:** Periodically clean the exterior of the heater unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Airflow:** Ensure the air intake and outlet vents remain free from dust, debris, or obstructions to maintain efficient operation and prevent overheating.
- **Connections:** Regularly check electrical connections for tightness and signs of corrosion.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution

Heater does not turn on.	No power supply; incorrect wiring; faulty switch.	Check battery connections and ensure they are secure. Verify correct polarity. Ensure the power switch is in the "ON" position. Check the circuit breaker.
Low heat output.	Obstructed air vents; insufficient power.	Clear any obstructions from air intake and outlets. Ensure the vehicle's 12V system is providing adequate power.
Unusual noise during operation.	Loose components; debris in fan.	Turn off the unit and inspect for any loose parts or foreign objects. If the issue persists, discontinue use and contact support.

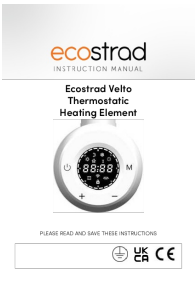


9. WARRANTY AND SUPPORT

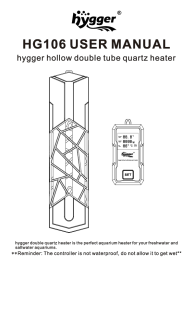


For warranty information or technical support, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt as proof of purchase.



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Related Documents - 400W/600W (B09KBJ6F2M)

	<p>Ecostrad Velto Thermostatic Heating Element: Installation and User Manual</p> <p>Comprehensive instruction manual for the Ecostrad Velto Thermostatic Heating Element, covering installation, operation, safety precautions, troubleshooting, and warranty information.</p>
	<p>Namron Panel Heater Instruction Manual - Models 400W-1000W</p> <p>Comprehensive instruction manual for Namron panel heaters (400W, 600W, 800W, 1000W) covering installation, operation, features, and safety guidelines.</p>
	<p>Namron Panel Heater Instruction Manual - 400W to 1000W Models</p> <p>User manual for Namron panel heaters (400W, 600W, 800W, 1000W). Provides detailed instructions on installation, operation, programming features, safety guidelines, and technical specifications for models 5401374, 5401391, 5401375, 5401378, 5401376, 5401379, 5401377, 5401380.</p>

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