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› Beech Lane 12V RV Fridge Ventilation Cooling Fan 5.5" (140mm) User Manual

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Model: 12V RV Fridge Ventilation Cooling Fan 5.5" (140mm)

Brand: Beech Lane

1. INTRODUCTION

The Beech Lane 12V RV Fridge Ventilation Cooling Fan is designed to enhance the cooling performance of your RV's absorption refrigerator. By actively circulating air behind the fridge, it helps dissipate heat, allowing the refrigerator to operate more efficiently, especially in warmer conditions. This fan system includes dual 5.5-inch (140mm) waterproof fans, custom mounting hardware for American RV side vents, and a high-tech remote control offering both manual and automatic temperature-sensing modes.



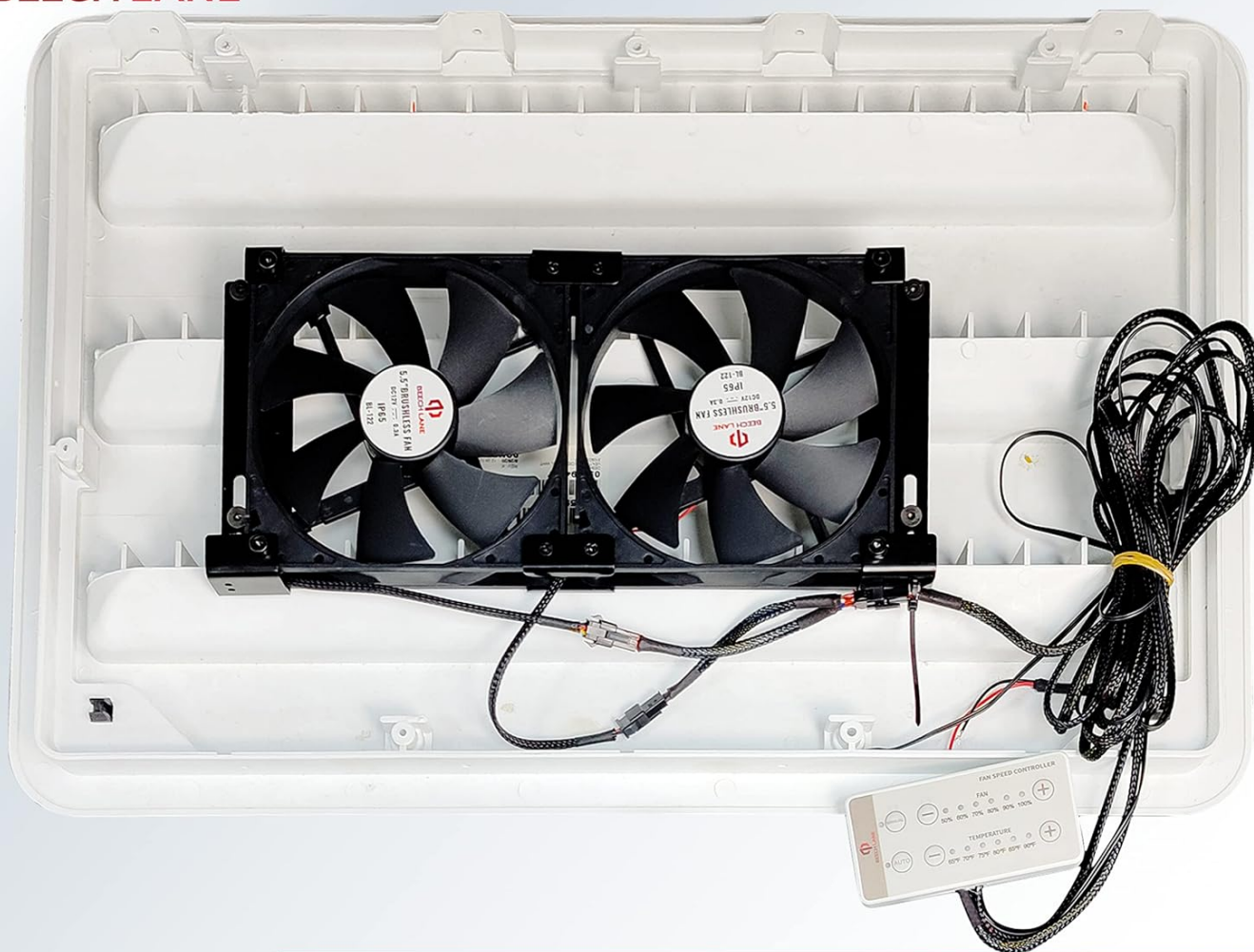
Easily Installed Fans Give You Superior Airflow Behind Your Refrigerator

The Beech Lane RV Fridge Ventilation Fan, featuring two 5.5-inch fans, is designed to enhance cooling efficiency by improving airflow behind your RV refrigerator.

2. WHAT'S IN THE BOX

Verify that all components are present before beginning installation:

- Dual 5.5" (140mm) Waterproof 12V Fans
- Fan Speed Controller Remote
- Temperature Probe
- Custom Mounting Brackets
- Wiring and Connectors



Two 12V 5.5" (140mm) Waterproof Fans Mount Directly To The Vent To Pull Air Through

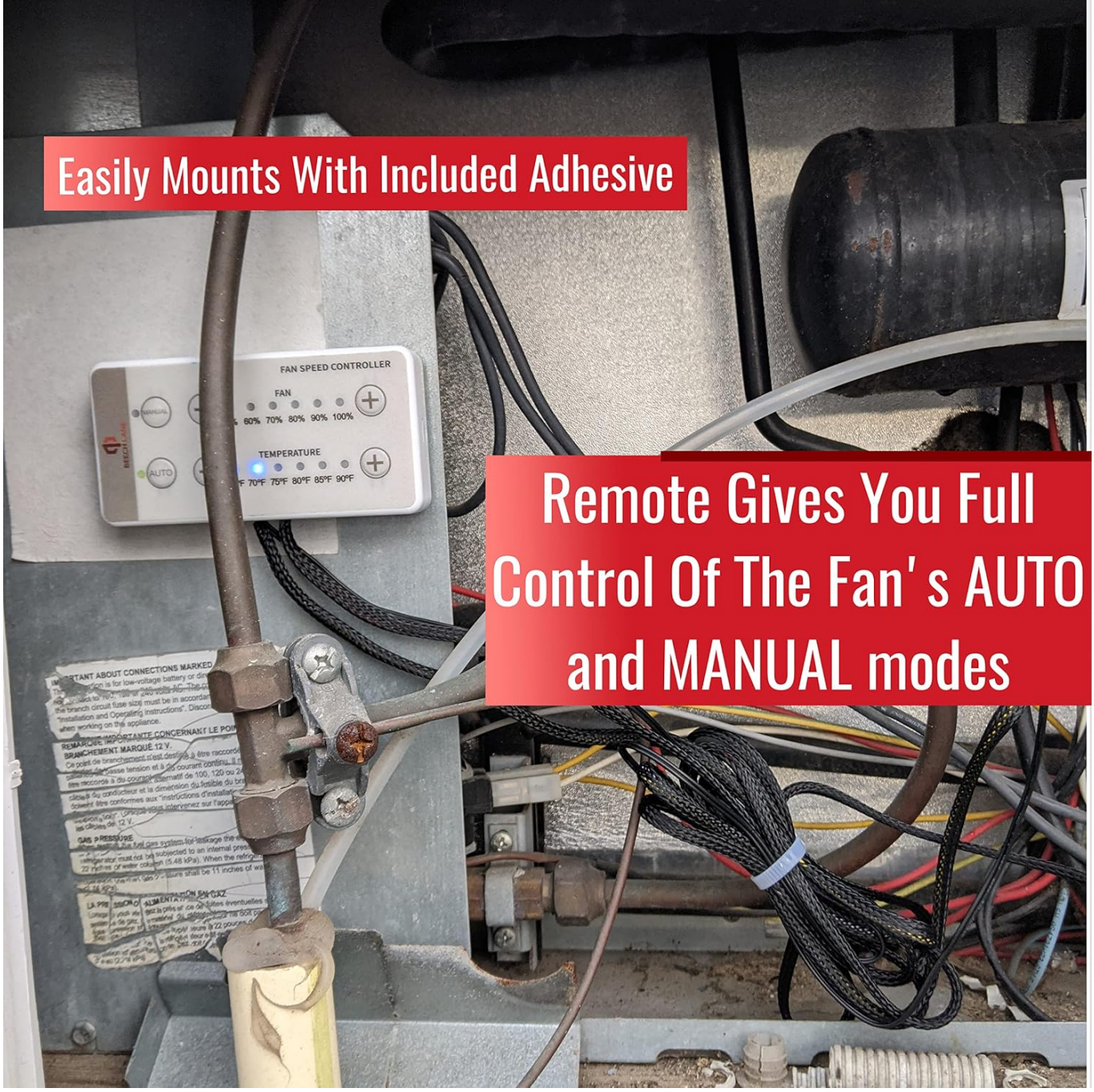
The kit includes two 5.5-inch (140mm) waterproof fans and a user-friendly remote control for managing fan operation.

3. SETUP AND INSTALLATION

The Beech Lane RV Fridge Ventilation Fan is designed for straightforward installation in American RV side vents. Ensure there is sufficient clearance (approximately 1-1.5 inches thick) for the fans to fit on your vent.

3.1 Mounting the Fans

1. Remove the exterior RV refrigerator vent cover.
2. Attach the dual fan unit to the inside of the vent cover using the provided custom mounting brackets. These brackets are specifically engineered for American RV vents to ensure a secure fit.
3. Position the fans to draw warm air out from behind the refrigerator coils.



Easily Mounts With Included Adhesive

Remote Gives You Full Control Of The Fan's AUTO and MANUAL modes

The dual fans are designed for easy installation into American RV side vents, positioned to draw warm air away from the refrigerator coils.

Custom Engineered Sturdy Mounting Brackets Fit American RV Vents



Sturdy, custom-engineered mounting brackets ensure a secure fit for the fans in American RV vents, eliminating the need for makeshift solutions.

3.2 Electrical Connection

1. Connect the fan unit to a 12V power source within your RV. Ensure proper polarity.
2. Connect the fan speed controller remote to the fan unit.
3. Route the temperature probe to a location behind the refrigerator coils where accurate temperature readings can be obtained.

3.3 Installation Video

Your browser does not support the video tag.

Watch this official product video for a comprehensive overview of the Beech Lane RV Fridge Ventilation Fan, including its key features and installation process.

4. OPERATING INSTRUCTIONS

The fan system features a user-friendly remote control to manage fan operation.

4.1 Remote Control Overview



Adjust From Low To High
Speeds To Dial In How Much
Airflow You Need Behind
Your Fridge

The remote control allows users to switch between manual and automatic temperature-sensing modes, providing flexible control over fan speed.

4.2 Manual Mode

In Manual Mode, you can set the fan speed to a constant level. Use the '+' and '-' buttons next to 'FAN' to adjust the speed from 50% to 100% in increments. The indicator lights will show the current fan speed.

4.3 Automatic (Auto) Mode

In Auto Mode, the fan will automatically turn on and adjust its speed based on the temperature detected by the probe. To use Auto Mode:

1. Press the 'AUTO' button on the remote.
2. Use the '+' and '-' buttons next to 'TEMPERATURE' to select your desired activation temperature (e.g., 70°F, 75°F, 80°F, 85°F, 90°F).
3. The fan will automatically activate when the temperature behind the fridge reaches or exceeds your set temperature, gradually increasing speed as the temperature rises further.

Proprietary AUTO Mode Allows You To Set The Temperature You Want The Fan To Kick On



In auto mode, the remote allows setting a specific temperature threshold. The fan will activate and adjust speed as the temperature behind the fridge rises above this setting.

5. MAINTENANCE

To ensure optimal performance and longevity of your Beech Lane RV Fridge Ventilation Fan, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically inspect the fan blades and vent area for dust, debris, or insect nests. Clean with a soft brush or cloth. Ensure the fans are off and disconnected from power before cleaning.
- **Wiring Inspection:** Annually check all wiring connections for any signs of wear, corrosion, or loose contacts. Secure any loose connections.
- **Waterproof Design:** The fans feature a waterproof construction, making them resistant to outdoor elements. However, avoid direct high-pressure water sprays.



Dual High Power, Waterproof 12V 5.5" (140mm) Ball Bearing Fans

The system features dual high-power, waterproof 12V 5.5-inch (140mm) ball-bearing fans, built for durability and effective airflow.

6. TROUBLESHOOTING

If you encounter issues with your RV Fridge Ventilation Fan, refer to the following common troubleshooting steps:

- **Fan Not Turning On:**

- Check the 12V power connection to ensure it is secure and receiving power.
- Verify that the remote control is set to either Manual mode with a selected speed or Auto mode with a temperature setting below the current ambient temperature behind the fridge.
- Ensure the 12V DC supply is clean and stable. Some RV power supplies, especially when plugged into AC, might provide an unfiltered DC signal that can affect the fan controller's operation. A regulated 12V supply may be necessary in such cases.

- **Ineffective Cooling:**

- Confirm the fans are correctly positioned to exhaust warm air from behind the refrigerator.
- In Auto mode, ensure the temperature probe is accurately placed near the refrigerator coils and the set temperature is appropriate for the conditions.

- Check for any obstructions in the vent or behind the refrigerator that might impede airflow.

- **Unusual Noise:**

- Inspect fan blades for any debris or obstructions.
- Ensure the fan unit is securely mounted and not vibrating against the vent cover or other surfaces.

7. SPECIFICATIONS

Product Dimensions	5.5"L x 5.5"W x 5.5"H
Brand	Beech Lane
Power Connector Type	2-Pin
Voltage	12 Volts
Wattage	80 watts
Cooling Method	Air
Compatible Devices	Refrigerator
Noise Level	25 Decibels
Material	Beech
Maximum Rotational Speed	1800 RPM
Included Components	Remote

8. WARRANTY AND SUPPORT

The Beech Lane 12V RV Fridge Ventilation Cooling Fan comes with a **Lifetime Manufacturer Warranty**. This warranty covers any product failure or damage, ensuring a free, no-hassle replacement. Beech Lane is a USA-based company committed to providing high-quality products and dedicated product support.



BEECH LANE

LIFETIME MANUFACTURER WARRANTY

Free no-hassle product replacement in the event of future product failure



USA Based Company & Product Support

Beech Lane offers a lifetime manufacturer warranty for the RV Fridge Ventilation Fan, backed by USA-based company and product support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question