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› UpBright 12V AC/DC Adapter Instruction Manual for AC Infinity AIRTAP T4 and T6 Booster Fans

UPBRIGHT UpBright 12V AC/DC Adapter

UpBright 12V AC/DC Adapter Instruction Manual

For AC Infinity AIRTAP T4 and T6 Quiet Register Booster Fans

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your UpBright 12V AC/DC Adapter. This power supply is designed to provide reliable power to compatible devices, specifically AC Infinity AIRTAP T4 and T6 Quiet Register Booster Fans. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following safety guidelines:

- **Input Voltage:** This adapter is designed for World Wide Input Voltage 100-240VAC 50/60Hz. Ensure your power outlet matches these specifications.
- **Protection Features:** The adapter incorporates OVP (Over Voltage output Protection), OCP (Over Current output Protection), and SCP (Short Circuit output Protection) to safeguard your devices.
- **Certifications:** This product is UL Listed and carries CE, CCC, and RoHS certifications, indicating compliance with relevant safety and environmental standards.
- **Environment:** Use the adapter in a dry location. Avoid exposure to moisture or extreme temperatures.
- **Handling:** Do not disassemble or modify the adapter. Do not use if the cord or plug is damaged.



Figure 2.1: Back view of the adapter with safety and caution labels. This side typically contains important warnings regarding electrical shock and usage conditions.

3. PRODUCT OVERVIEW

The UpBright 12V AC/DC Adapter is a reliable power supply unit designed for specific electronic devices requiring 12V DC input. It features a standard barrel connector for compatibility with various devices.



Figure 3.1: The UpBright 12V AC/DC Adapter. This image displays the main unit, the attached power cord, and the barrel connector output.

Compatible Devices:

This adapter is compatible with the following AC Infinity AIRTAP Quiet Register Booster Fan models:

- AC Infinity AIRTAP T4 (Models: AC-RBF4-W, AC-RBF4-B, AC-RBF42-B, AC-RBF42-W)
- AC Infinity AIRTAP T6 (Models: AC-RBF6-W, AC-RBF6-B, AC-RBF62-B, AC-RBF62-W)

UpBright AC Adapter Power Supply Compatible with:



Figure 3.2: Visual representation of the UpBright AC Adapter's compatibility with different models of AC Infinity AIRTAP T4 and T6 Quiet Register Booster Fans. The fans are shown in various colors and sizes.

4. SETUP

Follow these steps to set up your UpBright 12V AC/DC Adapter:

1. **Verify Compatibility:** Ensure your device requires a 12V DC input and has a compatible barrel connector. Refer to your device's manual for power requirements.
2. **Connect to Device:** Insert the barrel connector of the adapter firmly into the power input port of your AC Infinity AIRTAP fan.
3. **Connect to Power Outlet:** Plug the AC input cord of the adapter into a standard 100-240VAC 50/60Hz wall outlet.
4. **Power On:** Once connected, your device should receive power. Refer to your device's instructions for specific power-on procedures.

5. OPERATING INSTRUCTIONS

The UpBright 12V AC/DC Adapter operates automatically once connected to a power source and a compatible device. It provides a stable 12V DC output. There are no user-adjustable settings on the adapter itself. Operation of the connected device (e.g., fan speed, thermostat settings) is controlled directly on the device, not via the power adapter.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your adapter:

- **Cleaning:** Disconnect the adapter from the power outlet and the device before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or solvents.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and moisture. Avoid tightly coiling the cable to prevent damage.
- **Inspection:** Periodically inspect the power cord and connector for any signs of damage, such as fraying or bending. If damage is observed, discontinue use and replace the adapter.

7. TROUBLESHOOTING

If you encounter issues with your adapter, refer to the following table:

Problem	Possible Cause	Solution
Device not powering on	1. Adapter not properly plugged into outlet. 2. Adapter not properly connected to device. 3. Power outlet is not active. 4. Device malfunction.	1. Ensure adapter is fully plugged into a working outlet. 2. Verify the barrel connector is securely inserted into the device. 3. Test the outlet with another appliance. 4. Consult your device's manual or manufacturer.
Adapter feels unusually hot	1. Overload or short circuit. 2. Poor ventilation.	1. Disconnect immediately. Check device for issues. Do not use if adapter is damaged. 2. Ensure adapter is in a well-ventilated area, not covered.
Visible damage to adapter or cable	Physical wear and tear.	Discontinue use immediately. Replace the adapter.

8. SPECIFICATIONS

Detailed technical specifications for the UpBright 12V AC/DC Adapter:



Figure 8.1: Detailed view of the adapter's label, displaying input/output specifications, model numbers, and safety certifications.

Feature	Detail
Brand	UPBRIGHT
Input Voltage	100-240VAC, 50/60Hz
Output Voltage	12V DC
Amperage	0.3 Amps (Input)
Wattage	36 watts
Connector Type	Barrel Connector
Color	Black

Feature	Detail
Product Dimensions	4 x 3 x 2 inches
Item Weight	3 ounces
Certifications	UL Listed, CE, CCC, RoHS

9. WARRANTY AND SUPPORT

UpBright stands by the quality of its products. This adapter comes with the following:

- **Refund Policy:** 30 days refund from the date of purchase.
- **Exchange Policy:** 24 months exchange for defective units.

For further assistance or support, please refer to the seller's contact information or visit the [UPBRIGHT Store on Amazon](#).

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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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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