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› AC Infinity AIRTAP T4 Register Booster Fan Instruction Manual

## AC Infinity AC-RBF4-B

# AC Infinity AIRTAP T4 Register Booster Fan Instruction Manual

Model: AC-RBF4-B | Brand: AC Infinity

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## 1. INTRODUCTION

The AC Infinity AIRTAP T4 is a register booster fan designed to enhance and improve existing airflow from HVAC register holes in your home. It features smart programming with 10-level speeds, heating and cooling triggers, timers, and cycles. This manual provides essential information for the safe and efficient operation of your AIRTAP T4.

# Only fits 4×10 in. register openings!

Remove your existing register vent and measure its opening hole, not the register cover, before purchase.

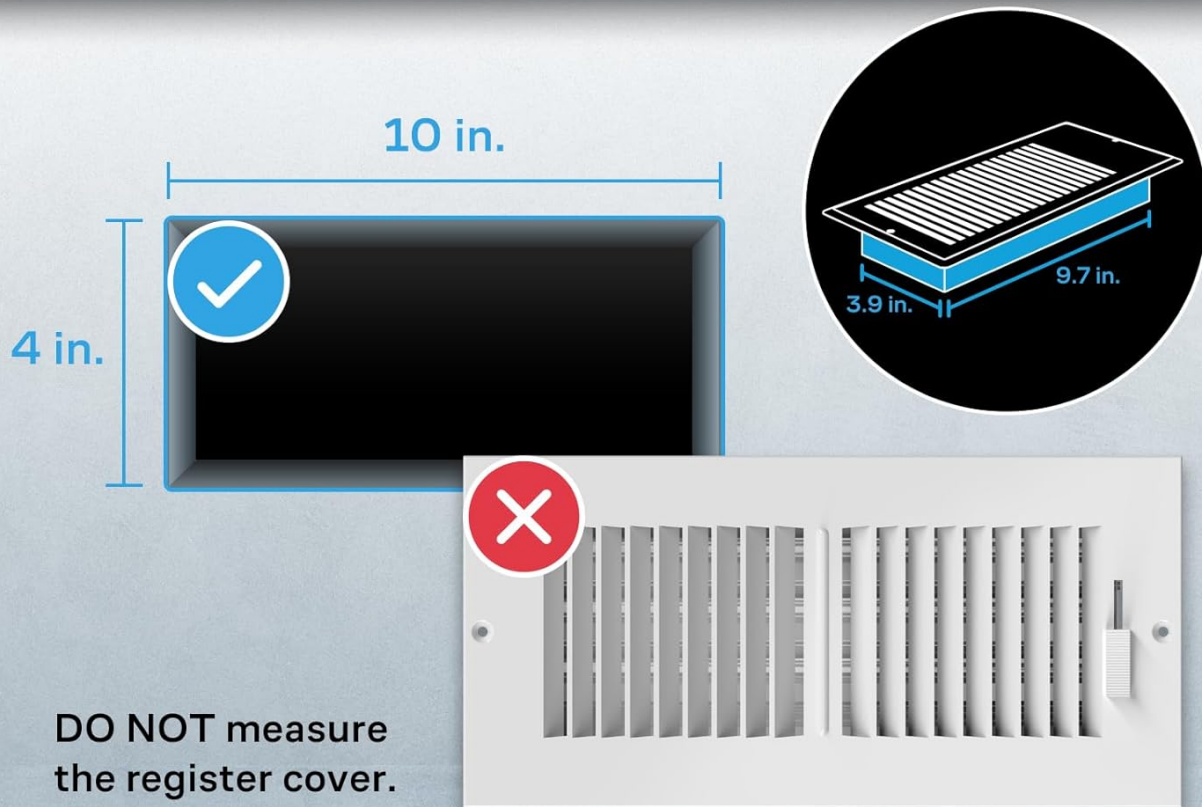


Figure 1: AC Infinity AIRTAP T4 Register Booster Fan (Bronze)

## 2. SAFETY INFORMATION

Please read this manual thoroughly before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply voltage matches the fan's requirements.
- Do not operate the fan with a damaged cord or plug.
- Keep fingers and foreign objects away from the fan blades during operation.
- Do not immerse the fan in water or expose it to excessive moisture.
- Unplug the fan from the power outlet before cleaning or performing any maintenance.
- This product is intended for indoor use only.

## 3. SETUP

### 3.1 Measure Before Purchase

It is crucial to measure your existing duct opening before purchasing and installing the AIRTAP T4. This model is designed to fit 4 x 10 inch duct openings only. Remove your existing register vent and measure its opening hole, not the register cover.

## Specifications

**MODEL** | AIRTAP T4, Bronze (AC-RBF4-B)  
**REAR CASING** | 4" x 10"  
**ENGINE** | Dual 92 mm

**AIRFLOW** | 130 CFM  
**NOISE** | 17 dBA  
**VOLTAGE** | 12V DC, 8W

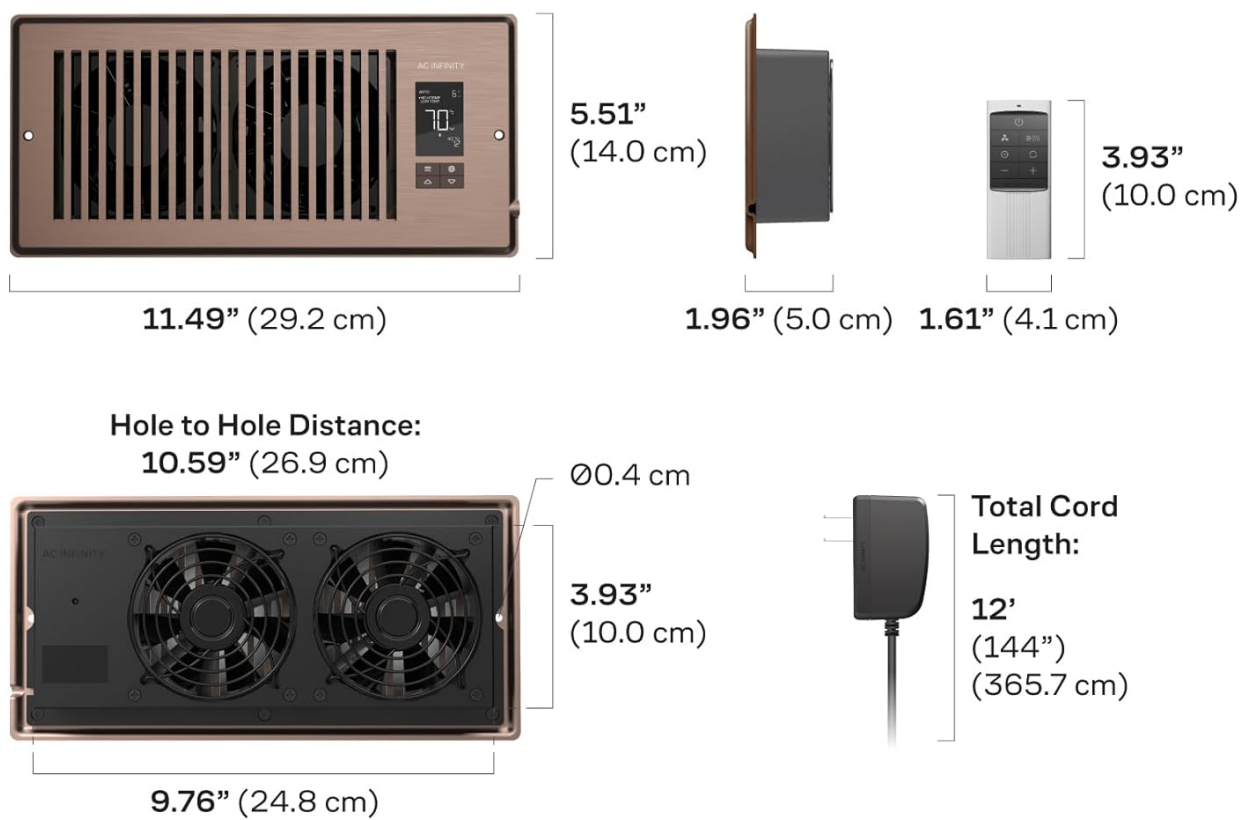


Figure 2: Ensure your duct opening measures 4 x 10 inches.

### 3.2 Installation

1. Remove your existing floor or wall register.
2. Carefully place the AC Infinity AIRTAP T4 into the duct opening. Ensure it sits flush with the floor or wall surface.
3. Connect the power adapter to the fan and then plug it into a standard electrical outlet.



Figure 3: AIRTAP T4 installed in a floor vent, ready for operation.

## 4. OPERATION

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The AIRTAP T4 offers versatile control options including an on-device display, a remote controller, and a Bluetooth app.

### 4.1 Intelligent Programming

Utilize the smart programming features to optimize your home's heating and cooling. The system includes 10-level speeds, heating and cooling triggers, timers, and cycles.

- **Temperature Controlled Airflow:** Set desired temperature thresholds for automatic fan activation.
- **10-Level Speeds:** Adjust fan speed from 1 to 10 to control airflow intensity.
- **Timers and Cycles:** Program the fan to operate during specific periods or in repeating cycles.

# Intelligent Programming



Temperature Controlled Airflow

10-Level Speeds and Transitions

MIN/MAX, Timer, and Cycle Settings

Available Remote or App Control

Built-in Precision Probe

Figure 4: On-device display and remote controller for intelligent programming.

## 4.2 Bluetooth App Control

Download the AC Infinity app to unlock advanced programs, monitor climate data, set alarms, receive notifications, and remotely control your register fan via Bluetooth.

- **Advanced Programs:** Access additional customization options for fan operation.
- **Climate Data:** View real-time and historical temperature data.
- **Notifications:** Receive alerts for temperature changes or operational status.

# App Control & Data

Download the AC Infinity app to unlock advance programs, monitor climate data, set notifications, and remotely control your register fan over Bluetooth.



Figure 5: Control your AIRTAP T4 and monitor data using the AC Infinity mobile app.

## 4.3 Quiet Operation

The AIRTAP T4 features dual-ball bearing fans with a PWM motor, engineered to minimize noise while delivering high airflow. This ensures quiet operation even at higher speeds.

## Ultra Quiet

Dual-ball bearing fans use a PWM motor that is engineered to minimize noise while delivering high airflow.

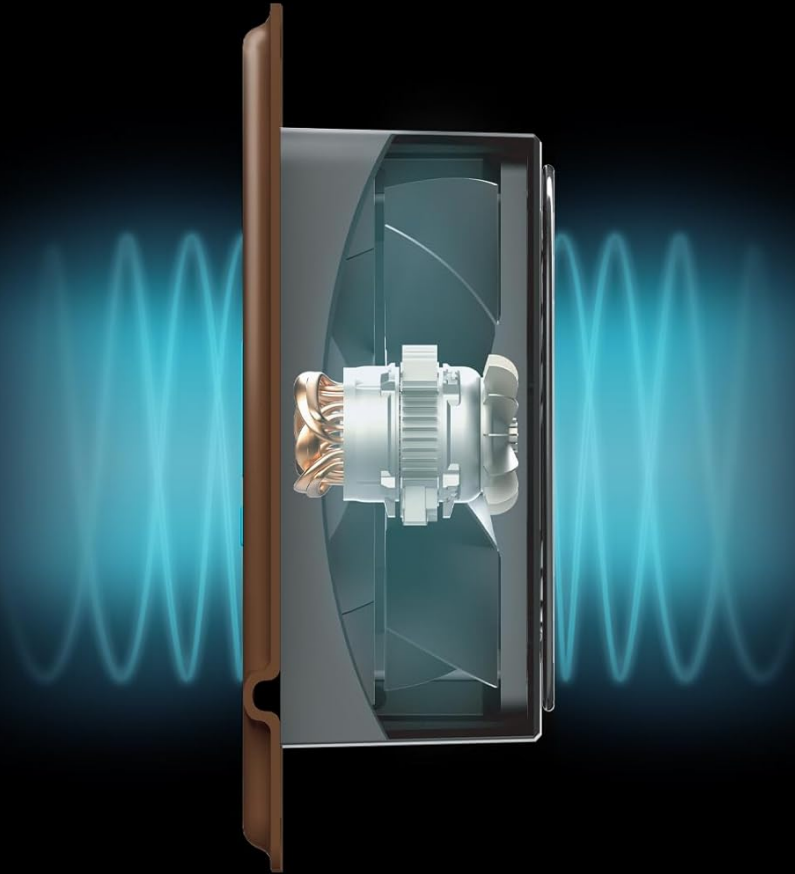


Figure 6: Dual-ball bearing fans designed for ultra-quiet performance.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your AIRTAP T4.

- **Cleaning:** Periodically wipe the surface of the fan with a soft, dry cloth. For deeper cleaning, unplug the unit and gently clean the fan blades with a soft brush or compressed air.
- **Inspection:** Regularly check the power cord and plug for any signs of damage. Do not use the unit if any damage is found.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Fan not turning on	No power; Incorrect settings	Check power connection; Verify temperature triggers and fan speed settings.
Low airflow	Fan speed too low; Obstruction	Increase fan speed; Clear any obstructions from the vent or fan blades.
Fan is noisy	Obstruction; Loose installation	Check for and remove any obstructions; Ensure the fan is securely seated in the vent.
App not connecting	Bluetooth off; App issue	Ensure Bluetooth is enabled on your device; Restart the app or reinstall if necessary.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	AC-RBF4-B
Brand	AC Infinity
Color	Bronze
Duct Opening Size	4 x 10 inches
Rear Casing Dimensions	3.93 x 9.76 inches
Product Dimensions (D x W x H)	1.96"D x 11.54"W x 5.51"H
Engine	Dual 92 mm Fans
Airflow	130 CFM
Noise Level	17 dBA (as per feature bullets) / 18 Decibels (as per specifications)
Number of Speeds	10
Power Source	Corded Electric
Wattage	6 watts
Voltage	12 Volts
Control Method	App, Button Control, Remote Control
Material	Aluminum, Plastic
Item Weight	0.01 Ounces
UPC	819137020238

## 8. WARRANTY & SUPPORT

AC Infinity products are designed with quality and durability in mind. For specific warranty details and to register

your product, please visit the official AC Infinity website. For technical support, troubleshooting assistance, or any inquiries, please contact AC Infinity customer service through their website or the contact information provided in your product packaging.

You can visit the AC Infinity Store for more information:[AC Infinity Store](#)