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› Howeall Super Quiet Register Booster Fan (Model HWVFSR) Instruction Manual

Howeall HWVFSR

Howeall Super Quiet Register Booster Fan (Model HWVFSR) Instruction Manual

Intelligent Thermostat & Wi-Fi App Control for 4" x 10" Register Holes

1. PRODUCT OVERVIEW

The Howeall Super Quiet Register Booster Fan is designed to enhance the efficiency of your HVAC system by providing precise airflow and intelligent temperature control. It helps eliminate uneven room temperatures, ensuring consistent comfort while optimizing energy usage.



Figure 1: Howeall Super Quiet Register Booster Fan (Model HWVFSR)

2. PACKAGE CONTENTS

- Howeall Super Quiet Register Booster Fan (Model HWVFSR)
- Power Adapter (12V DC)
- Remote Control

- Cable Clips (x2)
- Mounting Screws (x2)
- User Manual

Specification

Power: 12watt (12v Dc)
 Register Size: 4"X10"
 Airflow: 140 CFM
 Noise: 16 dB

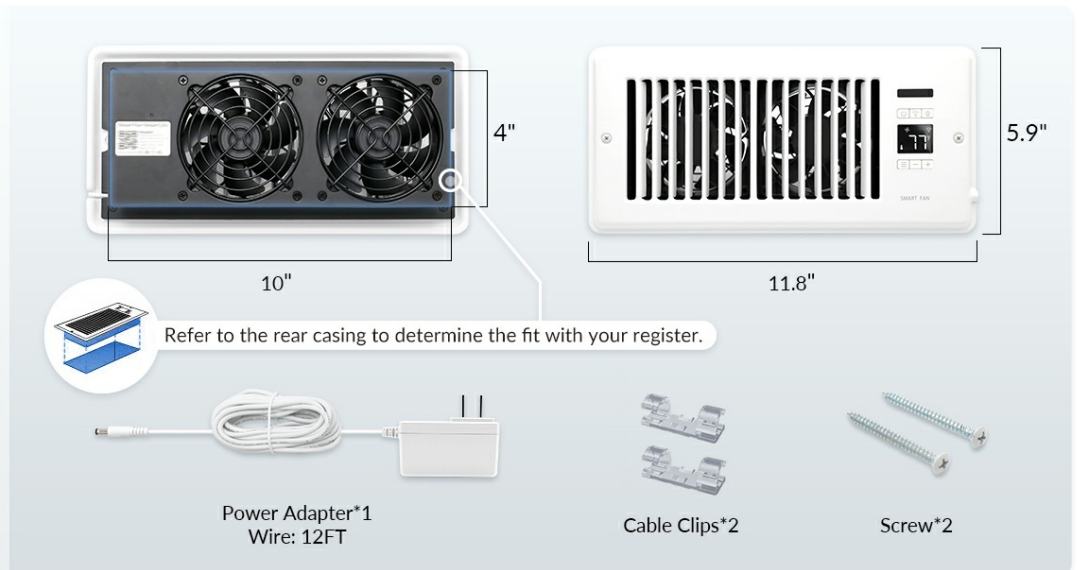


Figure 2: Package contents and key specifications of the Howeall Register Booster Fan.

3. SETUP & INSTALLATION

3.1 Measure Your Register Opening

Ensure your duct opening is 4 inches by 10 inches for a perfect fit. This model is designed specifically for this size.

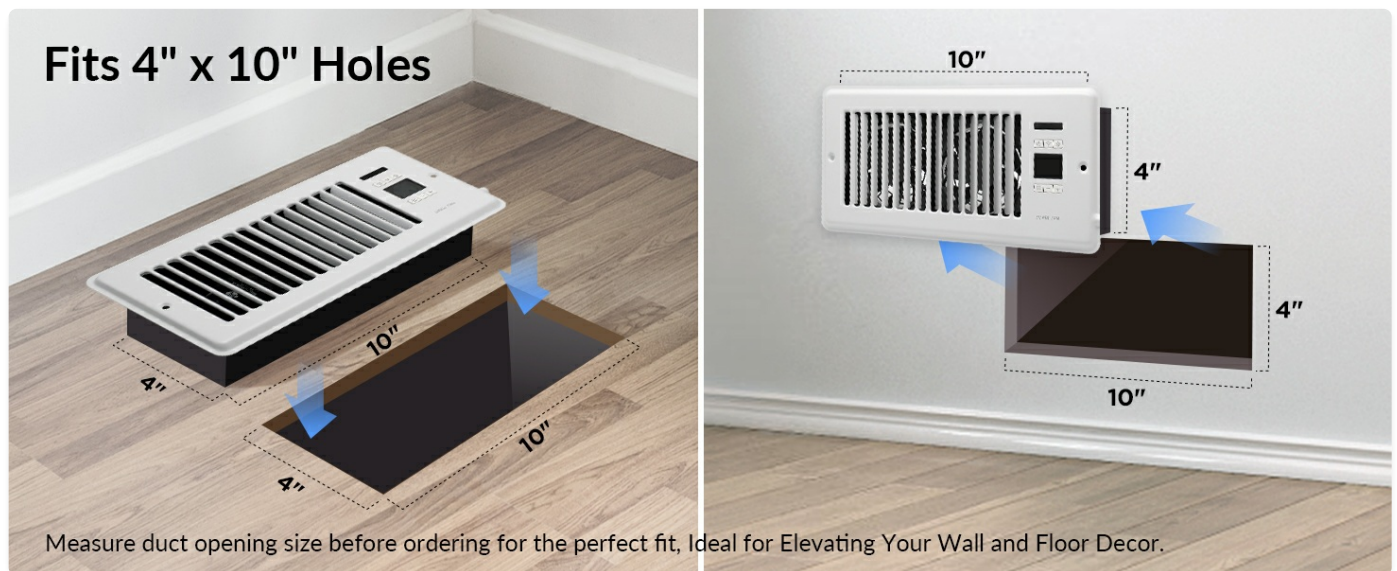


Figure 3: Visual guide for measuring your register opening to ensure compatibility.

3.2 Physical Installation

1. Remove your existing register cover from the 4" x 10" duct opening.
2. Place the Howeall Register Booster Fan directly into the duct opening.
3. Secure the fan using the provided mounting screws, if desired, for a stable installation.

3.3 Power Connection

1. Connect the power adapter to the fan.

2. Plug the power adapter into a standard electrical outlet.
3. Use the provided cable clips to manage the power cord neatly.

3.4 Wi-Fi App Control Setup

The fan supports Wi-Fi connectivity for remote control via a mobile app. Refer to the included user manual for detailed instructions on downloading the app and connecting your device to Wi-Fi.

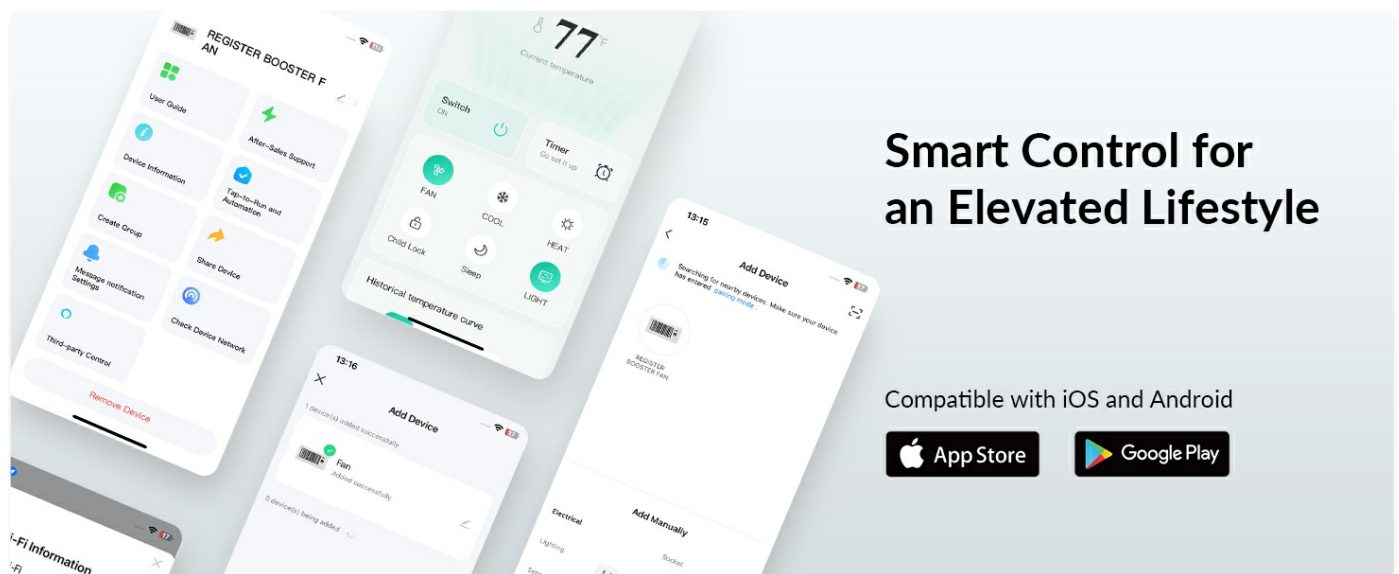


Figure 4: Control your fan from anywhere using the dedicated mobile app.

4. OPERATING INSTRUCTIONS

4.1 Control Panel Overview

The fan features an intuitive control panel with a digital display and touch buttons for various settings.

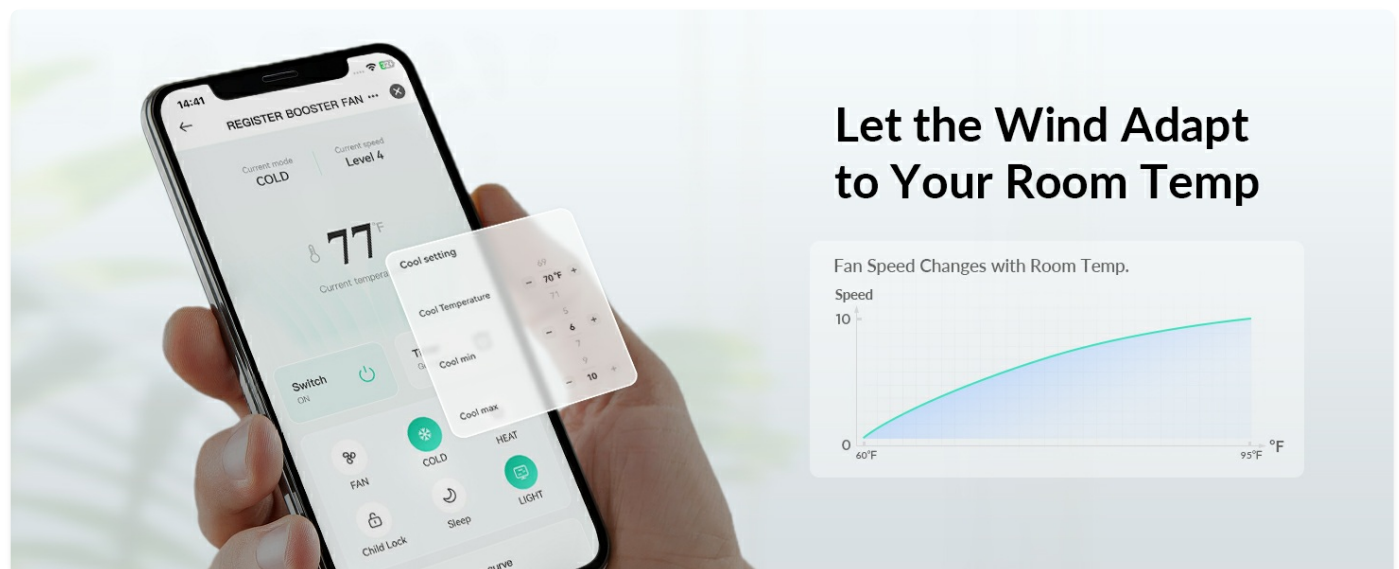


Figure 5: Detailed view of the fan's control panel, showing temperature display and mode buttons.

4.2 Modes of Operation

- **Fan Mode:** Operates the fan continuously at a selected speed.
- **Cool Mode:** Activates the fan when the room temperature rises above a set cooling threshold.
- **Heat Mode:** Activates the fan when the room temperature falls below a set heating threshold.
- **Sleep Mode:** Dims the display and operates the fan at a whisper-quiet level for undisturbed sleep.

4.3 Adjusting Settings

- **Power On/Off:** Press the power button on the unit or remote.
- **Mode Selection:** Use the 'Mode' button on the unit or remote to cycle through Fan, Cool, and Heat modes.
- **Temperature Adjustment:** In Cool or Heat mode, use the '+' and '-' buttons to set your desired temperature threshold.
- **Fan Speed:** Adjust fan speed (1-10 levels) using the dedicated buttons on the unit or remote.
- **Display Brightness:** Use the light bulb icon button to adjust display brightness or turn it off.
- **Child Lock:** Activate child lock to prevent accidental changes to settings.

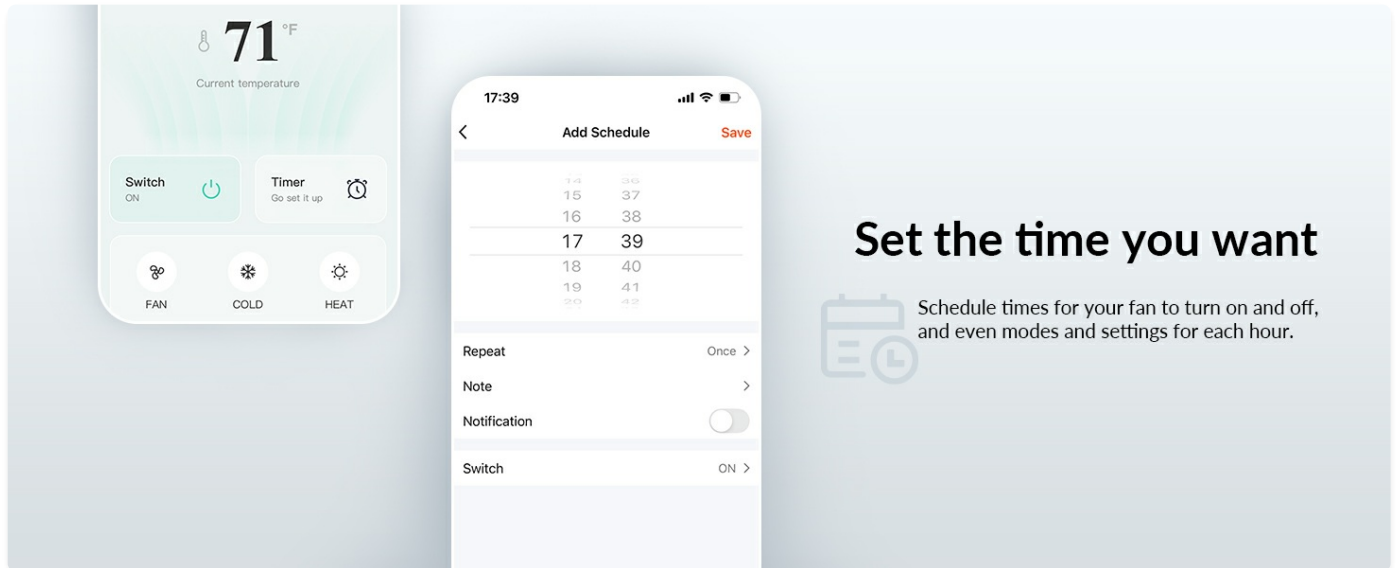


Figure 6: The fan's optimized panel design ensures efficient air distribution, blowing air up to 18 feet away.

4.4 Smart Features

- **Intelligent Programming:** The thermostat controller actively monitors temperature and adjusts fan speeds in real-time. It automatically turns the fan on/off based on set thresholds.
- **Wi-Fi App Control:** Control all fan functions, set schedules, and monitor temperature from anywhere using the mobile app.
- **Quiet Operation:** Featuring ultra-quiet stator-blade PWM fans, the unit operates at a whisper-quiet level (under 16 dBA) at its lowest setting.



Figure 7: Enjoy a peaceful night's sleep with the fan's ultra-quiet operation, featuring automatic shutoff and sleep mode.

5. MAINTENANCE

- To ensure optimal performance and longevity of your Howeall Register Booster Fan, regular maintenance is recommended:
- **Cleaning:** Periodically clean the fan grilles and blades to prevent dust buildup, which can impede airflow and reduce efficiency. Use a soft, dry cloth or a vacuum cleaner with a brush attachment.
 - **Power Disconnection:** Always unplug the fan from the power outlet before performing any cleaning or maintenance.

6. TROUBLESHOOTING

- **Fan Not Turning On:** Ensure the power adapter is securely plugged into both the fan and a working electrical outlet. Check if the power button is pressed.
- **Wi-Fi Connectivity Issues:** Verify your Wi-Fi network is active and the fan is within range. Follow the app's instructions for re-pairing if necessary.
- **Inaccurate Temperature Readings:** Ensure the temperature sensor is not obstructed or exposed to direct drafts or heat sources.
- **Fan Forgets Settings After Power Loss:** If the device loses power and then power is restored, it may revert to a default off state. This requires manual activation via the unit's buttons or the remote.
- **Excessive Noise:** While designed for quiet operation, ensure the fan is properly seated in the register opening and there are no obstructions to the fan blades.

7. SPECIFICATIONS

Feature	Detail
Brand	Howeall
Model Name	HWVFSR
Color	White
Product Dimensions	11.8"D x 5.9"W x 1.96"H
Register Size Compatibility	4" x 10" (Duct Opening)
Airflow Capacity	140 Cubic Feet Per Minute (CFM)
Noise Level	16 Decibels (dBA) at lowest setting
Number of Speeds	10
Power Source	AC (12V DC Adapter)
Wattage	9 watts
Control Method	App, Touch, Remote Control
Special Features	App Operable, Quiet Operation, Timer, Wi-Fi Enabled, Dual Intelligent Thermostat
Material	Alloy Steel, Plastic



Figure 8: Dual ball bearings ensure ultra-quiet operation and a lifespan of 70,000 hours.



Figure 9: Hydro-mechanical stator blades efficiently transport air over distances with minimal noise.

8. WARRANTY & SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Howeall website. Contact details for technical assistance and service inquiries can typically be found there.

9. OFFICIAL PRODUCT VIDEO

Video 1: Watch this official Howeall video to see the Register Booster Fan in action and learn more about its features and benefits.

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.

Name

Anonymous

Email

you@example.com

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