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QuietCool QC CL-6000 RF

QuietCool QC CL-6000 RF Classic Advanced Whole House Fan Instruction Manual

Model: QC CL-6000 RF

1. Introduction

The QuietCool QC CL-6000 RF Classic Advanced Whole House Fan is designed to efficiently cool and ventilate large homes up to 2,833 square feet. This system utilizes advanced ventilation principles to provide fresh air circulation and reduce reliance on traditional air conditioning, offering a comfortable indoor environment. It features a two-speed motor and wireless control for convenient operation.

2. Product Features

- Advanced whole house fan technology for ventilation cooling.
- Designed for homes up to 2,833 sq. ft.
- Airflow capacity: 5665 CFM (High), 4289 CFM (Low).
- Energy-efficient PSC motor: 769 Watts (High), 560 Watts (Low).
- Damper box with R5 insulated damper doors to prevent heat loss.
- Fan motor head designed for attic rafter suspension.
- Includes Wireless RF Control Kit with Glass Wireless Switch and up to 12-hour countdown timer.
- Simple installation, typically 1 to 2 hours, no framing or joist-cutting required.
- Fits 16 or 24 on-center joist spacing.
- Integrated window locks for enhanced safety during operation.
- Requires 7.56 sq. ft. of net free attic venting.

3. Setup and Installation

3.1 Components Overview

The QuietCool QC CL-6000 RF system includes the fan motor, insulated ducting, damper box, and a removable grille, along with the wireless control kit.



Figure 1: QuietCool QC CL-6000 RF Whole House Fan with insulated ducting, damper box, grille, and wireless remote.



Figure 2: Side view of the QuietCool QC CL-6000 RF fan assembly, showing the insulated ducting connected to the damper box.

3.2 Installation Process

Installation typically takes 1 to 2 hours. The fan motor head hangs from attic rafters, requiring a small ceiling cut-out (14 in. x 36 in.) for the air intake grille. No framing or joist-cutting is required, as it fits standard 16 or 24 on-center joist spacing.



Figure 3: QuietCool QC CL-6000 RF fan unit suspended from attic rafters, with insulated ducting leading to the damper box.

3.3 Attic Venting Requirements

Ensure your attic has at least 7.56 sq. ft. of net free attic venting for proper operation and ventilation.

3.4 Video: Whole House Fan Installation Guide

▶ **Watch video online**

Whole House Fan Installation Guide

Video 1: A detailed guide on installing a QuietCool Whole House Fan, demonstrating the steps involved in setting up the unit in an attic space.

4. Operating Instructions

4.1 Wireless RF Control Kit

The fan is operated using the included Wireless RF Control Kit with a Glass Wireless Switch. This switch allows you to turn the fan on/off, select between two speeds (High/Low), and set a countdown timer for 1, 2, 4, 8, or 12 hours.



Figure 4: A hand holding the QuietCool wireless remote control, showing the speed and timer settings.

4.2 Fan Speeds

The fan offers two operational speeds:

- **High Speed:** Provides 5665 CFM for rapid cooling and ventilation.
- **Low Speed:** Provides 4289 CFM for quieter, continuous air circulation.

4.3 Video: How Does A Whole House Fan Work

▶ **Watch video online**
How Does A Whole House Fan Work

Video 2: Explains the fundamental principles of how a whole house fan operates to cool and ventilate a home.

5. Maintenance

Regular maintenance of your QuietCool fan ensures optimal performance and longevity. Periodically inspect the air intake grille for dust and debris. Clean the grille as needed with a soft cloth or vacuum cleaner to maintain proper airflow.

6. Specifications

Feature	Specification
Brand	QuietCool
Model Number	QC CL-6000 RF

Feature	Specification
Power Connector Type	AC Plug
Voltage	120 Volts (AC)
Wattage (High/Low)	769 Watts / 560 Watts
Cooling Method	Forced Air
Air Flow Capacity (High/Low)	5665 CFM / 4289 CFM
Product Dimensions	38 x 20 x 38 inches
Item Weight	90.8 pounds
Attic Venting Required	7.56 sq. ft. net free
Batteries Required	Yes (for wireless remote)

7. Warranty and Support

The QuietCool QC CL-6000 RF Classic Advanced Whole House Fan comes with a**10-Year Warranty**. For customer support, please refer to the contact information provided with your product packaging or visit the official QuietCool website.

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