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> Amico 8-inch Exhaust Fan DLT-D175032E8INCH Instruction Manual

Amico DLT-D175032E8INCH

Amico 8-inch Exhaust Fan Instruction Manual

Model: DLT-D175032E8INCH

1. PRODUCT OVERVIEW

The Amico 8-inch Exhaust Fan is designed for efficient air circulation and ventilation in various indoor and outdoor environments. Featuring a 29W EC motor, it provides 686 CFM airflow with low noise operation (50dB). The fan includes a wireless remote control for 9-speed settings and an 8-hour timer function. Its durable stainless steel construction ensures longevity in diverse conditions.



Figure 1: Amico 8-inch Exhaust Fan.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Ensure the power supply is disconnected before installation, maintenance, or cleaning.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not operate the fan with a damaged cord or plug. If the cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Avoid inserting fingers or foreign objects into the fan grille during operation.
- Install the fan in a location where it is protected from direct water spray and excessive moisture.
- Ensure proper grounding to prevent electrical hazards.
- This fan is designed for wall-mounted installation. Ensure the mounting surface is structurally sound.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Amico 8-inch Exhaust Fan
- Wireless Remote Control
- Mounting Screws and Anchors
- User Manual (this document)

4. INSTALLATION AND SETUP

This fan is designed for standard hole-mounted wall installation. The nominal 8-inch fan features an actual cylinder diameter of 7.12 inches, designed to fit seamlessly into standard 8-inch ducts or wall openings while allowing clearance for electrical wiring.

4.1 Required Tools (Not Included)

- Measuring Tape
- Drill
- Hole Saw (appropriate size for 7.5" to 8" diameter)
- Screwdriver
- Pencil/Marker

4.2 Installation Steps

1. **Measure and Cut the Hole:** Identify the desired installation location. Measure and cut an 8-inch diameter hole (7.5" to 8" is ideal) in the wall. Ensure there is sufficient space for the fan and wiring.
2. **Insert and Align:** Carefully insert the fan into the mounting hole. Ensure the damper mechanism (if present) is vertical to allow proper airflow.
3. **Secure with Screws:** Use the provided mounting screws and anchors to secure the fan firmly to the wall. Tighten the screws on all four corners.
4. **Plug into Outlet:** Once secured, plug the fan's power cord into a standard 120V AC electrical outlet.

DIY-Friendly Plug & Play Setup

Skip the expensive electrician



Step 1: Measure & Cut (8-Inch Hole)



Step 2: Insert & Align (Keep damper vertical)



Step 3: Secure with Screws



Step 4: Plug into Outlet and Ready to Use

Figure 2: Step-by-step installation guide.

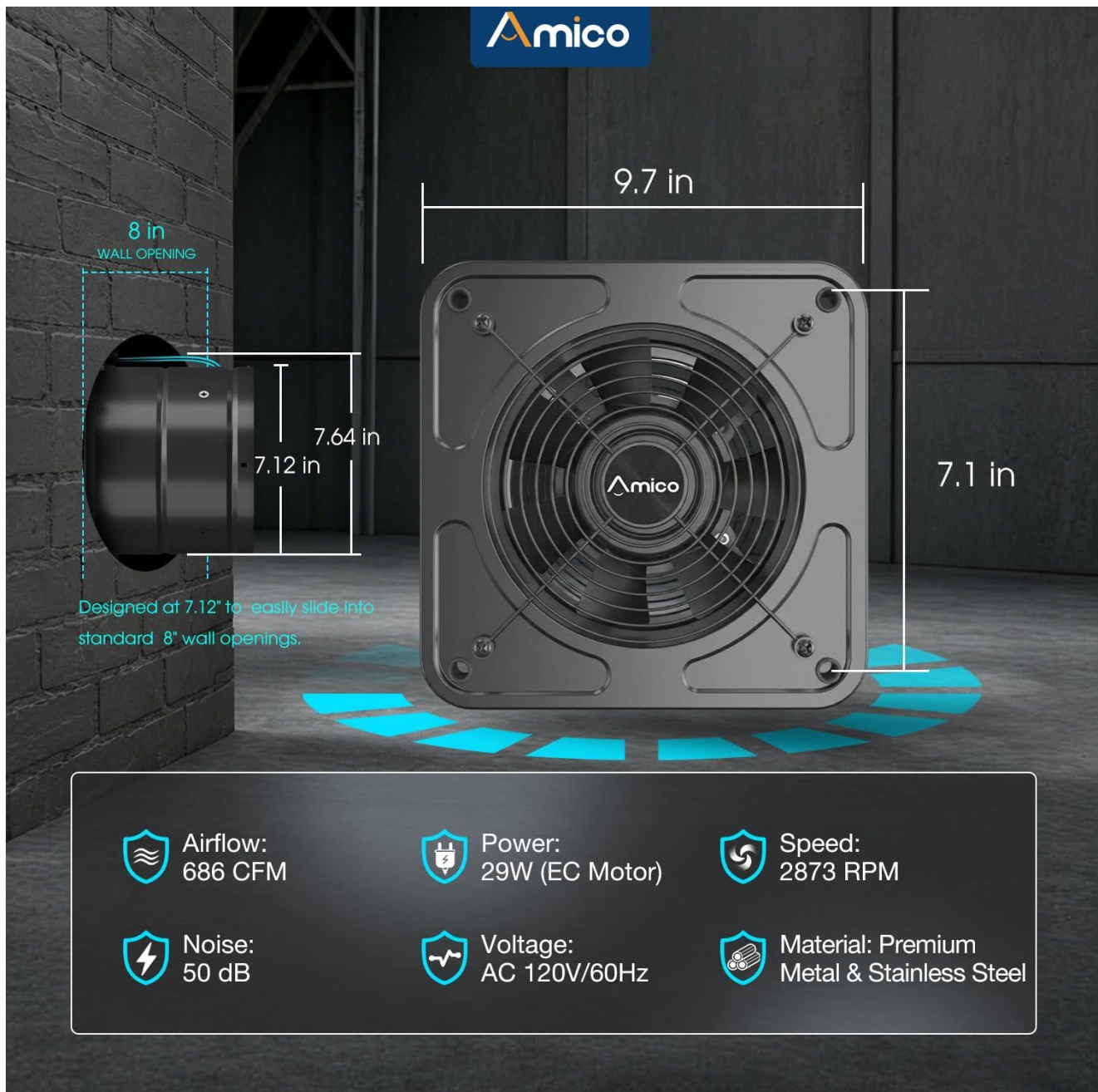


Figure 3: Fan dimensions and key specifications. Note the 7.12" cylinder diameter for an 8" wall opening.

4.3 Installation Video

For a visual guide on installation, please refer to the official installation video below:

Your browser does not support the video tag.

Video 1: Installation Guide for Amico Kitchen Exhaust Fan. This video demonstrates the process of mounting the fan into a wall opening and connecting it to power.

5. OPERATING INSTRUCTIONS

The Amico Exhaust Fan is controlled using the included wireless remote. Ensure batteries are correctly inserted into the remote control.

5.1 Remote Control Functions

- **Power Button:** Turns the fan On or Off.
- **Speed Settings (1-9):** Adjusts the fan speed from 1 (lowest) to 9 (highest).

- **Timer Button:** Activates the 8-hour timer for automatic shutoff. Press once to activate.



Figure 4: Operating the fan with the wireless remote control.

5.2 Airflow and Ventilation

The fan provides 686 CFM of airflow, effectively removing heat, moisture, smoke, and odors from your environment. Adjust the speed according to your ventilation needs.

Next-Gen EC Motor

Cut Your Energy Bill, Not Your Airflow



29W

Saves

\$150+

Yearly

Based on US Avg. Electricity Rates

others 60W

29W
Amico

UP TO 50%
Energy Savings

Figure 5: Illustration of the fan's airflow effectively clearing air in a room.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Amico Exhaust Fan.

- **Cleaning the Fan Blades and Grille:**
 - a. Disconnect the fan from the power supply before cleaning.
 - b. Use a soft cloth dampened with mild soap and water to wipe down the fan blades and grille.
 - c. Do not use abrasive cleaners or solvents, as these may damage the finish.
 - d. Ensure all parts are completely dry before reconnecting power.
- **Inspecting the Damper:** Periodically check the weatherproof damper for any obstructions or damage to ensure it opens and closes freely.
- **Motor Maintenance:** The EC motor is designed for long-term, maintenance-free operation. No lubrication is required.

7. TROUBLESHOOTING

If you encounter issues with your Amico Exhaust Fan, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply. Remote control batteries are dead or incorrectly inserted. Remote not paired.	Check if the fan is properly plugged into a live outlet. Replace remote batteries or ensure correct polarity. Refer to remote pairing instructions (if applicable, usually automatic).
Fan operates but airflow is weak.	Fan speed set too low. Obstruction in the fan or duct. Damper not opening fully.	Increase fan speed using the remote control. Disconnect power and check for debris in the fan blades or ductwork. Inspect the damper for obstructions and ensure it moves freely.
Excessive noise during operation.	Loose mounting. Debris hitting fan blades. Motor issue.	Ensure the fan is securely mounted to the wall. Disconnect power and check for any foreign objects in the fan. If noise persists, contact customer support.
Remote control not responding.	Dead batteries. Out of range. Interference.	Replace batteries. Ensure you are within the effective range of the fan. Minimize potential interference from other electronic devices.

If the problem persists after attempting these solutions, please contact Amico customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Amico
Model Number	DLT-D175032E8INCH
Size	8 inch (nominal), 7.12 inch cylinder diameter
Air Flow Capacity	686 CFM
Motor Type	EC Motor
Wattage	29 Watts
Speed	2873 RPM
Number of Speeds	9
Noise Level	50 Decibels
Voltage	120 Volts
Control Method	Remote Control

Feature	Detail
Special Features	Adjustable Speed, Dust Resistant, Energy Efficient, Programmable Timer, Remote Controlled
Material	Metal, Stainless Steel
Product Dimensions	9.72"D x 6.42"W x 9.72"H
Item Weight	4.78 Pounds
Certification	FCC Compliant

9. WARRANTY AND SUPPORT

Amico provides a **3-year product warranty** for this exhaust fan, ensuring reliable performance. For any installation assistance, replacement needs, or general inquiries, our **24/7 customer service** team is available to help. Please retain your proof of purchase for warranty claims.

For support, visit the [Amico Store on Amazon](#) or contact our customer service directly.