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addlon DLT-E300035E110

addlon 12-inch Shutter Exhaust Fan User Manual

Model: DLT-E300035E110

1. INTRODUCTION

Thank you for choosing the addlon 12-inch Shutter Exhaust Fan. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new ventilation fan. Please read this manual thoroughly before use and retain it for future reference.



Figure 1: addlon 12-inch Shutter Exhaust Fan

2. KEY FEATURES

- **Shutter Exhaust Fan with Remote:** Grille Diameter: 14.97 inches, Louver Size: 12.9 inches x 12.9 inches, Mountable Thickness: 8 inches, Power Cord Length: 6.56 ft, Airflow: 1250 CFPM. Promotes air circulation and purification.
- **Sealed EC Motor:** High performance, low energy consumption, and low noise. Features 8 adjustable fan speeds for varied ventilation needs.
- **Remote Control:** Conveniently switch the fan on/off, control 8 wind speeds, and set a 1-8 hour timer. Includes a remote control bracket for wall mounting.
- **Durable Construction:** Made entirely of metal (shutter, mesh cover, fan body, connecting parts) for enhanced strength and reduced deformation.
- **Easy Installation:** Comes pre-assembled for plug-and-play setup, requiring no complex wiring. Suitable for garages, workshops, chicken coops, sheds, attics, and greenhouses.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- addlon 12-inch Shutter Exhaust Fan (Pre-assembled)
- Remote Control
- Remote Control Bracket
- User Manual

Video 1: Unboxing of a 14-inch Shutter Fan, demonstrating typical package contents and initial product appearance.

4. SAFETY INFORMATION

- Always disconnect power before installation, maintenance, or cleaning.
- Ensure the fan is securely mounted to a stable surface to prevent vibration and accidental detachment.
- Do not insert fingers or any objects into the fan grille while the fan is operating.
- Keep the power cord away from heat, sharp edges, and moving parts.
- This fan is designed for indoor use. Avoid exposure to rain or excessive moisture.
- Keep children and pets away from the fan during operation.

5. SETUP AND INSTALLATION

The addlon Shutter Exhaust Fan is designed for straightforward wall-mounted installation. It comes fully assembled for plug-and-play operation.

5.1. Choosing an Installation Location

Select a vertical wall surface that can support the fan's weight and allows for proper airflow. Ensure there is sufficient space around the fan for maintenance and operation of the shutters.

5.2. Marking and Cutting the Opening

Use the provided size guide (template) to accurately mark the cutting dimensions on your wall. The recommended mounting hole dimensions are approximately 13.12 inches x 12.96 inches (minimum) to 13.51 inches x 13.35 inches (maximum).

Easy Installation

Comes fully assembled out of the box, no wiring, plug and play



Step 1



Mounting hole dimensions:
Min: 13.12 in * 12.96 in
Max: 13.51 in * 13.35 in

Step 2



Figure 2: Marking and cutting dimensions for installation.

Carefully cut the exhaust opening along the marked lines using appropriate tools (e.g., saw, oscillating tool). Ensure the opening is clean and free of debris.

5.3. Mounting the Fan

Insert the fan into the prepared opening. Secure the fan to the wall using appropriate screws (not included) through the pre-drilled holes on the fan's frame. Ensure the fan is level and firmly attached.

High Quality Exhaust Fans

Visible details for long-lasting use

Fully Sealed EC Motor

High performance

Large Fan Blades

Stable airflow output

Automatic Shutters

Rainproof, anti-foreign object

Safety Grille

Effective security protection

Metal Body

Corrosion resistant

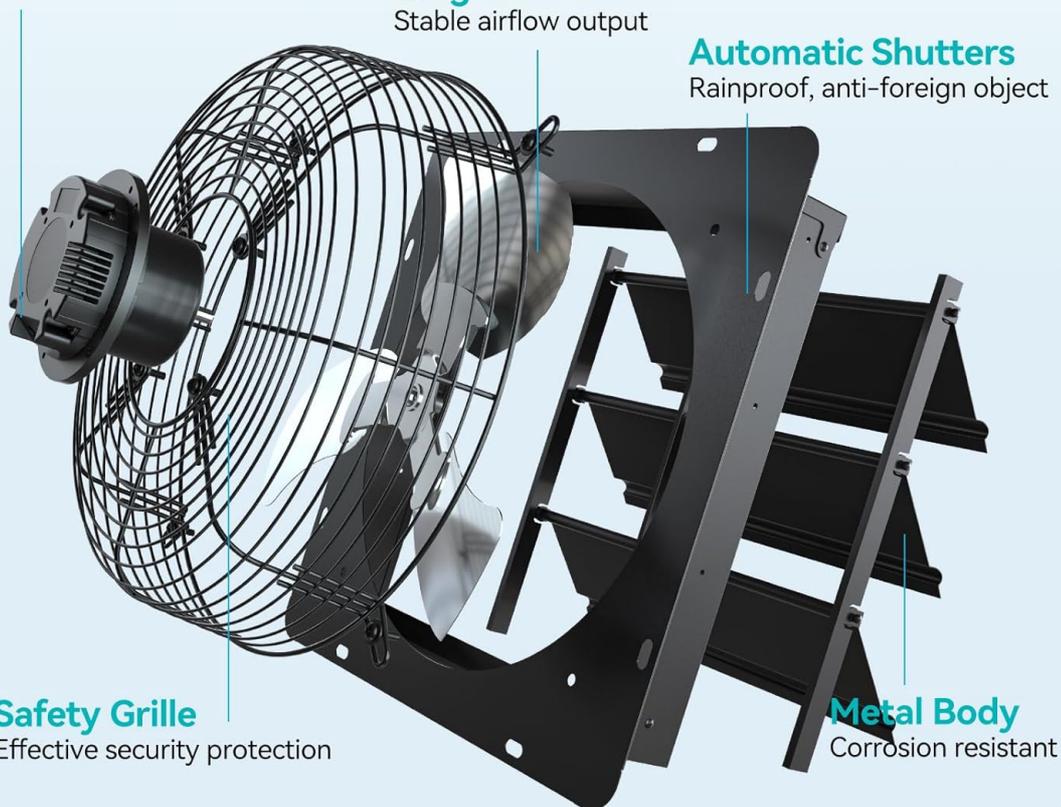


Figure 3: Exploded view of fan components, highlighting the metal body and automatic shutters.

5.4. Power Connection

Plug the fan's power cord into a standard 120V AC outlet. The fan is designed for plug-and-play operation, requiring no additional wiring.

Video 2: Installation and operation guide for a shutter exhaust fan, demonstrating mounting and initial power-up.

6. OPERATING INSTRUCTIONS

Your addlon Shutter Exhaust Fan comes with a remote control for convenient operation.

6.1. Remote Control Functions



Figure 4: Remote control layout and functions.

- **ON/OFF Button:** Press to turn the fan on or off.
- **Speed +/- Buttons:** Adjust the fan speed from 1 to 8 levels.
- **Timing Function Button:** Set the fan to turn off automatically after 1 to 8 hours.
- **Pair Button:** Used for pairing the remote with the fan if necessary.

6.2. Automatic Shutter Operation

The fan features automatic shutters that open when the fan is operating and close when it is turned off. This helps prevent unwanted elements from entering when the fan is not in use.

Shutter Exhaust Fan with Remote

Boosts ventilation and refreshes your indoor air



-  Exhaust cloudy air
-  Remove floating dust
-  Take away hot, stale air
-  Absorb unpleasant odors

Figure 5: Fan in operation, exhausting air from a greenhouse.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your exhaust fan.

- **Cleaning:** Periodically clean the fan blades and grille to remove dust and debris. Disconnect power before cleaning. Use a soft cloth and mild detergent if necessary.
- **Inspection:** Regularly check the fan for any signs of damage, loose connections, or unusual noises. Address any issues promptly.
- **Motor:** The sealed EC motor requires no lubrication. Do not attempt to open or service the motor.

8. TROUBLESHOOTING

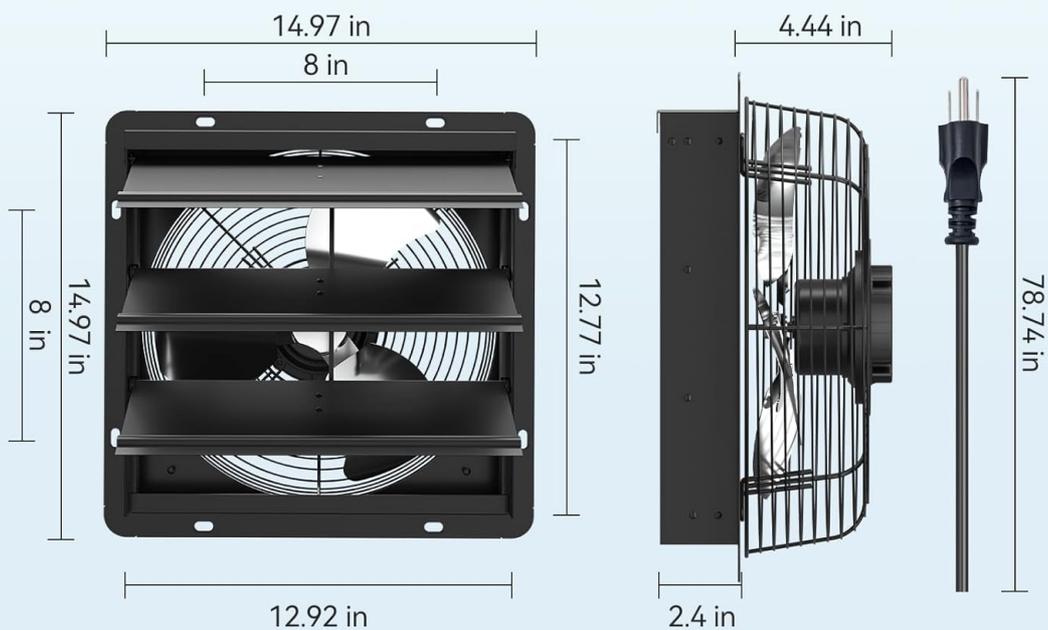
Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Fan does not turn on	No power; Remote not paired; Remote batteries low	Check power connection; Re-pair remote; Replace remote batteries
Fan makes unusual noise	Loose components; Obstruction in fan blades	Disconnect power and inspect for loose parts or obstructions. Tighten any loose screws.
Shutters do not open/close	Obstruction; Mechanism damage	Disconnect power and check for obstructions. Contact customer support if mechanism is damaged.

If you encounter problems not listed here or if solutions do not resolve the issue, please contact addlon customer support.

9. SPECIFICATIONS

Product Dimension



Item Model Number DLT-E300035E110	Air Volume 1250 CFM	Weight 9.04 lbs / 4.1Kg
Rotating Speed Max 1682 rpm	Color Black	Material Aluminum Alloy/Powder-coated Steel

Figure 6: Product dimensions and key specifications.

Feature	Detail
Brand	addlon
Model Name	DLT-E300035E110
Size	12 inch
Color	Black
Electric Fan Design	Exhaust Fan
Power Source	AC
Product Dimensions	12.01"D x 12.01"W x 5.91"H
Room Type	Attic, Bathroom, Chicken Coops, Garage, Greenhouse
Special Feature	High Performance EC Motor, Large Air Volume, Plug and Play, Remote Controlled, Timer
Recommended Uses	Drying, Exhausting, Ventilating
Wattage	24 watts
Air Flow Capacity	1250 Cubic Feet Per Minute (CFM)
Speed	Max 1682 RPM
Voltage	120 Volts
Item Weight	7.05 Pounds
Included Components	Exhaust Fan, Remote
Indoor/Outdoor Usage	Indoor
Control Method	Remote
Number of Power Levels	8
Motor Type	EC
Installation Type	Wall Mounted
UPC	850067050636

10. WARRANTY AND SUPPORT

addlon offers up to **36 months warranty** for this product. We also provide **24-hour customer support** to assist you with any questions or issues you may encounter during installation or use.

For assistance, please refer to the contact information provided on your product packaging or the official addlon website.