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› MAXXAIR Maxxfan Dome Plus with LED Light (Model 00-03810B) Instruction Manual

MAXXAIR 00-03810B

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Model: 00-03810B | Brand: MAXXAIR

1. INTRODUCTION AND OVERVIEW

The MAXXAIR Maxxfan Dome Plus is a compact 12V ventilation fan designed for effective moisture and heat removal in various applications, including RVs, bathrooms, and showers. This unit features a 6-inch exhaust-only fan with an integrated LED light, a manual lift lid, and a fan guard for protection against weather and debris.

Key features include:

- Compact 12V solution for ventilation.
- 6-inch exhaust-only fan with manual lift lid.
- Integrated LED light for illumination.
- Removable screens for easy cleaning.
- Includes a matching fan guard that acts as a rain shield and protects from debris.
- Designed for rooftop or sidewall ventilation applications.

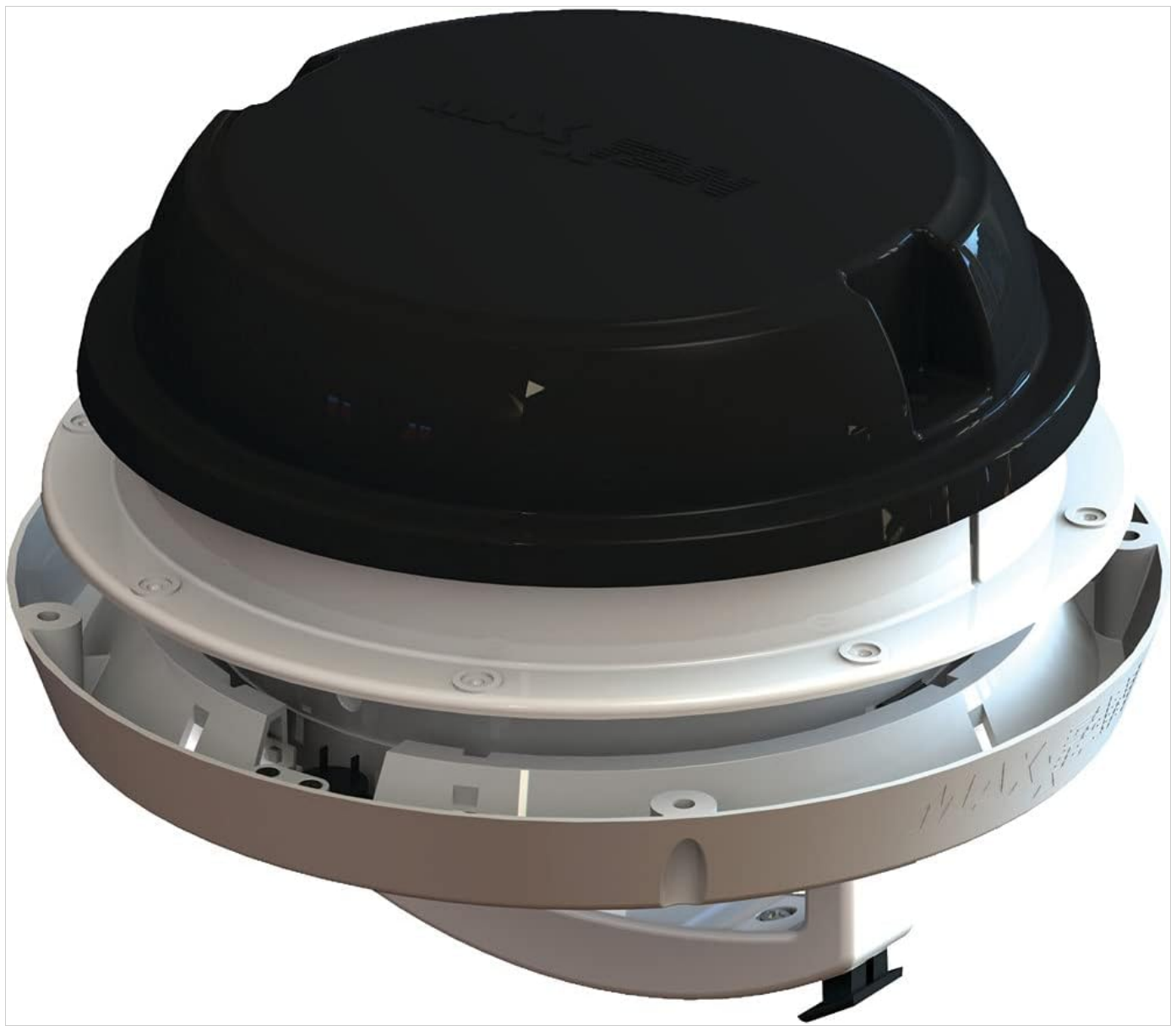


Figure 1: Exploded view of the Maxxfan Dome Plus, illustrating its main components including the dome, fan assembly, and interior trim.

2. SAFETY INFORMATION

Please read all instructions carefully before installation and operation. Failure to follow these instructions may result in property damage, personal injury, or death.

- Always disconnect power before installing, servicing, or cleaning the unit.
- Installation should be performed by a qualified individual familiar with 12V electrical systems.
- Ensure proper wiring and fuse protection are used according to local electrical codes and the product specifications.
- Do not operate the fan if the blades are obstructed or damaged.
- Keep hands and foreign objects away from moving fan blades.
- This product is designed for ventilation purposes only. Do not use for purposes other than intended.
- The fan guard must be installed to prevent accidental contact with fan blades and to provide rain protection.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- MAXXFAN Dome Plus unit

- LED Lighting assembly
- 6-inch Round Ventilation Fan
- Fan Guard (Rain Shield)
- Mounting hardware (screws, seals, etc. - *specific items may vary, refer to packaging*)
- Instruction Manual (this document)

4. SPECIFICATIONS

Feature	Specification
Model Name	MAXXFAN DOME PLUS
Model Number	00-03810B
Brand	MAXXAIR
Color	Black
Fan Type	Exhaust Fan
Power Source	12 Volts DC
Wattage	6 watts
Product Dimensions	10"D x 10.5"W x 10"H (approximate)
Blade Length	6 Inches
Number of Blades	5
Control Method	Touch (for fan and LED)
Installation Type	Permanent (Rooftop or Sidewall)
Recommended Roof Thickness	1 inch (extensions available up to 6 inches)
Item Weight	4.09 pounds (1.86 Kilograms)
UPC	752055008219

5. INSTALLATION

This section provides general guidelines for installing the Maxxfan Dome Plus. Specific details may vary based on your vehicle or structure. Professional installation is recommended.

5.1 Pre-Installation Checks

- Ensure the mounting surface (rooftop or sidewall) is flat, clean, and structurally sound.
- Verify adequate clearance for the fan unit both inside and outside the mounting area.
- Confirm the roof or wall thickness. The unit is designed for 1-inch thickness; extensions are available for up to 6 inches.
- Gather all necessary tools: drill, sealant, screwdriver, wire strippers, crimpers, measuring tape, etc.
- Disconnect all 12V power to the installation area before proceeding.

5.2 Mounting Location

Select a location that allows for optimal airflow and is free from obstructions. Consider the fan's exhaust direction and potential rain entry points. The fan guard provides rain protection, but proper placement is still important.

5.3 Cutting the Opening

1. Carefully measure and mark the exact dimensions for the fan opening. Refer to the template provided with your unit (if applicable) or the product dimensions.
2. Use appropriate cutting tools to create the opening, ensuring clean edges.
3. Seal all exposed edges of the cut opening with a suitable sealant to prevent moisture intrusion.

5.4 Wiring

- Route 12V DC power wires to the installation location. Ensure the wiring is properly sized for the fan's wattage (6 watts) and protected by an appropriate fuse.
- Connect the fan's positive and negative wires to the vehicle's 12V DC power supply, observing correct polarity.
- Secure all wire connections using crimp connectors or other approved methods.

5.5 Securing the Unit

1. Apply a generous bead of approved sealant around the perimeter of the opening on the exterior surface.
2. Carefully place the Maxxfan Dome Plus unit into the opening, pressing firmly to ensure a good seal.
3. Secure the unit using the provided mounting hardware. Do not overtighten.
4. Install the interior trim piece, if applicable, to cover the rough edges of the opening.
5. Attach the fan guard to the exterior of the unit. This guard acts as a rain shield and protects the fan blades.

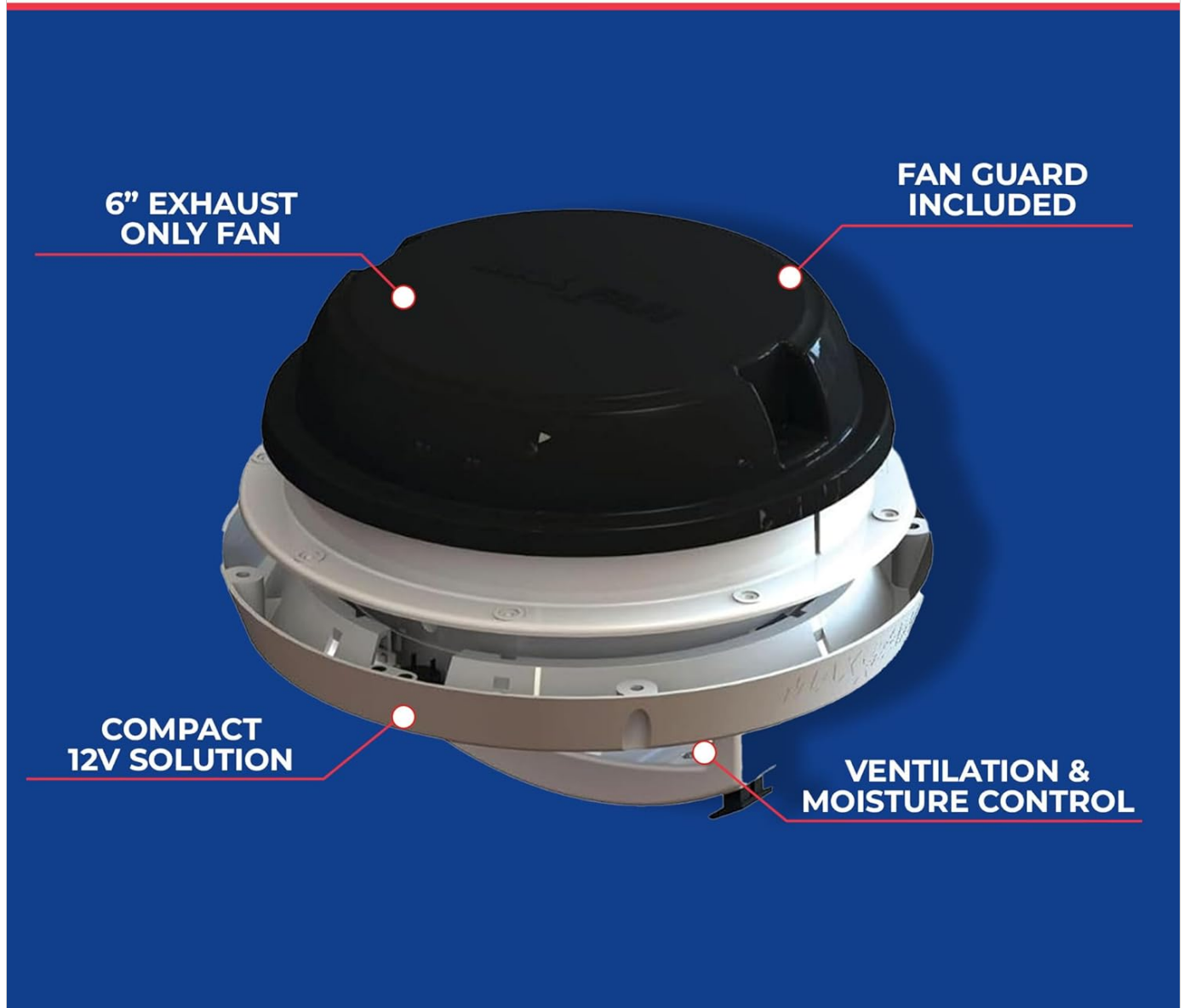


Figure 2: Key features of the Maxxfan Dome Plus, highlighting its compact design and included fan guard.

6. OPERATION

The Maxxfan Dome Plus is designed for simple and intuitive operation.

6.1 Opening and Closing the Lid

- The lid features a single-hand push button operation. Locate the button or lever on the unit's interior.
- Press or slide the mechanism to release the lid and manually lift it to the desired open position.
- To close, push the lid down until it latches securely.

6.2 Fan Operation

- Ensure the lid is open before operating the fan.
- Locate the fan control switch, typically a touch control or a physical switch on the unit.
- Activate the switch to turn the fan ON. The fan operates at a single speed (Note: '1 RPM' in specifications likely refers to a single speed setting).

- Deactivate the switch to turn the fan OFF.

6.3 LED Light Operation

- The integrated LED light has a separate control switch.
- Activate the LED switch to turn the light ON.
- Deactivate the LED switch to turn the light OFF.
- The LED light can be operated independently of the fan.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Maxxfan Dome Plus.

7.1 Cleaning the Fan and Screen

- **Always disconnect power to the unit before cleaning.**
- The interior screen is removable for easy cleaning. Gently unclip or unscrew the screen as per the unit's design.
- Clean the screen with mild soap and water. Rinse thoroughly and allow to dry completely before reinstallation.
- Wipe fan blades and interior surfaces with a damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- Ensure all components are dry before restoring power.

7.2 Exterior Cleaning

- Periodically inspect the exterior dome and fan guard for dirt, debris, or damage.
- Clean the exterior with mild automotive soap and water.
- Check the sealant around the unit for cracks or deterioration and reapply as needed to prevent leaks.

8. TROUBLESHOOTING

This section addresses common issues you might encounter with your Maxxfan Dome Plus.

Problem	Possible Cause	Solution
Fan does not turn ON	No power, blown fuse, loose wiring, faulty switch.	Check 12V power supply. Inspect fuse and replace if blown. Verify all wiring connections. Test the switch.
LED light does not turn ON	No power, loose wiring, faulty LED or switch.	Check 12V power supply. Verify wiring. Test the LED switch.
Fan is unusually noisy or rattling	Debris in fan blades, loose mounting, worn motor.	Disconnect power. Remove screen and inspect blades for debris. Ensure unit is securely mounted. If noise persists, contact customer support.
Water leaking around the unit	Improperly sealed installation, damaged sealant, lid not fully closed.	Inspect exterior sealant and reapply as necessary. Ensure lid is fully closed and latched. Check for cracks in the dome.
Lid mechanism is stiff or not locking	Dirt or debris in mechanism, lack of lubrication, damaged components.	Clean the lid mechanism. Apply a small amount of silicone lubricant if needed. If damaged, contact customer support.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact MAXXAIR customer support.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The MAXXAIR Maxxfan Dome Plus (Model 00-03810B) comes with a **1-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage resulting from improper installation, misuse, neglect, accidents, unauthorized repairs, or modifications.

9.2 Customer Support

For technical assistance, warranty claims, or replacement parts, please contact MAXXAIR customer support. Refer to the official MAXXAIR website or your product packaging for the most current contact information.

When contacting support, please have your product model number (00-03810B) and proof of purchase readily available.

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.

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