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## Caframo 748CAWBX

# Caframo 748CAWBX Bora Marine Ventilation Fan User Manual

Model: 748CAWBX

## 1. INTRODUCTION

Thank you for choosing the Caframo 748CAWBX Bora Marine Ventilation Fan. This 12-volt, 3-speed, 6-inch fan is designed to provide efficient air circulation and ventilation in marine environments. Please read this manual thoroughly before installation and operation to ensure proper use and to maximize the lifespan of your product.



Image 1.1: The Caframo 748CAWBX Bora Marine Ventilation Fan, a 6-inch white fan designed for 12-volt marine applications.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to reduce the risk of injury or damage:

- Ensure the power supply matches the fan's voltage requirements (12 Volts DC).
- Disconnect power before installing, cleaning, or performing any maintenance.
- Do not operate the fan with a damaged cord or plug.
- Keep fingers and other objects away from moving fan blades.
- Install the fan in a location where it is protected from direct water exposure, unless specifically designed for such conditions.
- This product is intended for marine ventilation. Do not use it for purposes other than its intended use.

### 3. PACKAGE CONTENTS

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Upon opening the package, please verify that all components are present and undamaged:

- Caframo 748CAWBX Bora Marine Ventilation Fan (1 unit)
- Mounting Hardware (screws, washers, etc. - specific items may vary)
- User Manual (this document)

If any items are missing or damaged, please contact your retailer or Caframo customer support immediately.

### 4. SETUP AND INSTALLATION

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Proper installation is crucial for the fan's performance and safety. If you are unsure about any steps, consult a qualified marine electrician.

#### 4.1 Choosing a Location

Select a mounting location that allows for optimal airflow and is free from obstructions. Ensure the surface is stable and can support the fan's weight. Consider the fan's 6-inch diameter and ensure adequate clearance for rotation and wiring.

#### 4.2 Wiring Instructions

1. **Disconnect Power:** Before beginning any wiring, ensure that the 12-volt power supply to the installation area is completely disconnected at the main breaker.
2. **Identify Wires:** The fan uses a 3-Pin power connector. Typically, this includes a positive (+), negative (-), and potentially a control wire. Refer to the wiring diagram provided with the fan or on the fan itself for exact wire functions.
3. **Connect to Power Source:** Connect the fan's positive wire to a fused 12-volt DC positive power source and the negative wire to a suitable ground. Ensure all connections are secure and properly insulated to prevent short circuits and corrosion, especially in a marine environment.
4. **Test Connection:** Once wired, carefully restore power and test the fan's operation before final mounting.

#### 4.3 Mounting the Fan

1. **Position:** Hold the fan in the desired mounting position and mark the locations for the mounting

screws.

2. **Drill Pilot Holes:** Drill pilot holes appropriate for the mounting screws.
3. **Secure Fan:** Use the provided mounting hardware to securely fasten the fan to the chosen surface. Do not overtighten.

## 5. OPERATING INSTRUCTIONS

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The Caframo 748CAWBX fan features a simple control mechanism for ease of use.

### 5.1 Power On/Off

To turn the fan on, locate the control switch (typically integrated into the fan unit or on its power cord) and move it to the 'ON' position. To turn it off, move the switch to the 'OFF' position.

### 5.2 Adjusting Fan Speed

This fan offers 3-speed settings. Use the integrated speed selector switch to cycle through the available speeds (Low, Medium, High) to achieve your desired airflow.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your fan.

### 6.1 Cleaning

- **Disconnect Power:** Always disconnect the fan from its power source before cleaning.
- **Exterior Cleaning:** Wipe the exterior surfaces of the fan with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Blade Cleaning:** Carefully clean the fan blades to remove dust and debris. If the fan has a removable grille, remove it for easier access. Ensure blades are dry before restoring power.

### 6.2 Inspection

Periodically inspect the fan for any signs of wear, damage, or loose connections. Check the power cord for fraying or cuts. If any issues are found, discontinue use and address them promptly.

## 7. TROUBLESHOOTING

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If you encounter issues with your Caframo 748CAWBX fan, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fan does not turn on.	No power supply; loose wiring; faulty switch.	Check power source and circuit breaker. Verify all wiring connections are secure. Test the switch.
Low airflow.	Fan blades are dirty; obstructions around the fan.	Clean fan blades and grille. Ensure no objects are blocking airflow.

Problem	Possible Cause	Solution
Unusual noise or vibration.	Loose mounting; debris in fan blades; worn motor.	Check mounting screws for tightness. Disconnect power and inspect blades for debris. If noise persists, contact support.

If the problem persists after attempting these solutions, please contact Caframo customer support or a qualified technician.

## 8. SPECIFICATIONS

Feature	Detail
Model Number	748CAWBX
Brand	Caframo
Voltage	12 Volts DC
Speed Settings	3-Speed
Fan Diameter	6-inch
Power Connector Type	3-Pin
Cooling Method	Forced Air
Material	Copper (internal components)
First Available Date	July 14, 2016

## 9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your purchase or visit the official Caframo website. Keep your proof of purchase for any warranty claims. For technical assistance or inquiries, please contact Caframo directly through their official channels.