

HEXEH DMUD4C9DK

HEXEH Air Conditioner Fan Motor Instruction Manual

Models: FBQ100DAVET, FBQ125DV1, DMUD4C9DK

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the HEXEH Air Conditioner Fan Motor. This component is designed to replace existing fan motors in compatible air conditioning units, specifically models FBQ100DAVET, FBQ125DV1, and DMUD4C9DK. Please read this manual thoroughly before proceeding with installation or any service to ensure safe and correct usage.

2. SAFETY INFORMATION

WARNING:

- To prevent accidents, electrical shock, or injury, always turn off and disconnect power to the air conditioning unit before attempting any installation, maintenance, or repair.
- Installation should only be performed by qualified personnel with experience in HVAC systems and electrical components.
- Ensure all electrical connections are secure and comply with local electrical codes.
- Wear appropriate personal protective equipment (PPE) such as gloves and eye protection during installation.

3. PRODUCT OVERVIEW

The HEXEH Air Conditioner Fan Motor is a replacement part designed to restore proper fan operation in air conditioning units. It is constructed from high-quality materials to ensure durability and a long service life, addressing issues such as cooling failure or unstable operation caused by a faulty motor.



Figure 3.1: The HEXEH Air Conditioner Fan Motor. This image displays the main body of the fan motor, including the central motor housing, the shaft extending from both ends, and the attached wiring harness. The label with part number '977' is visible on the motor body.

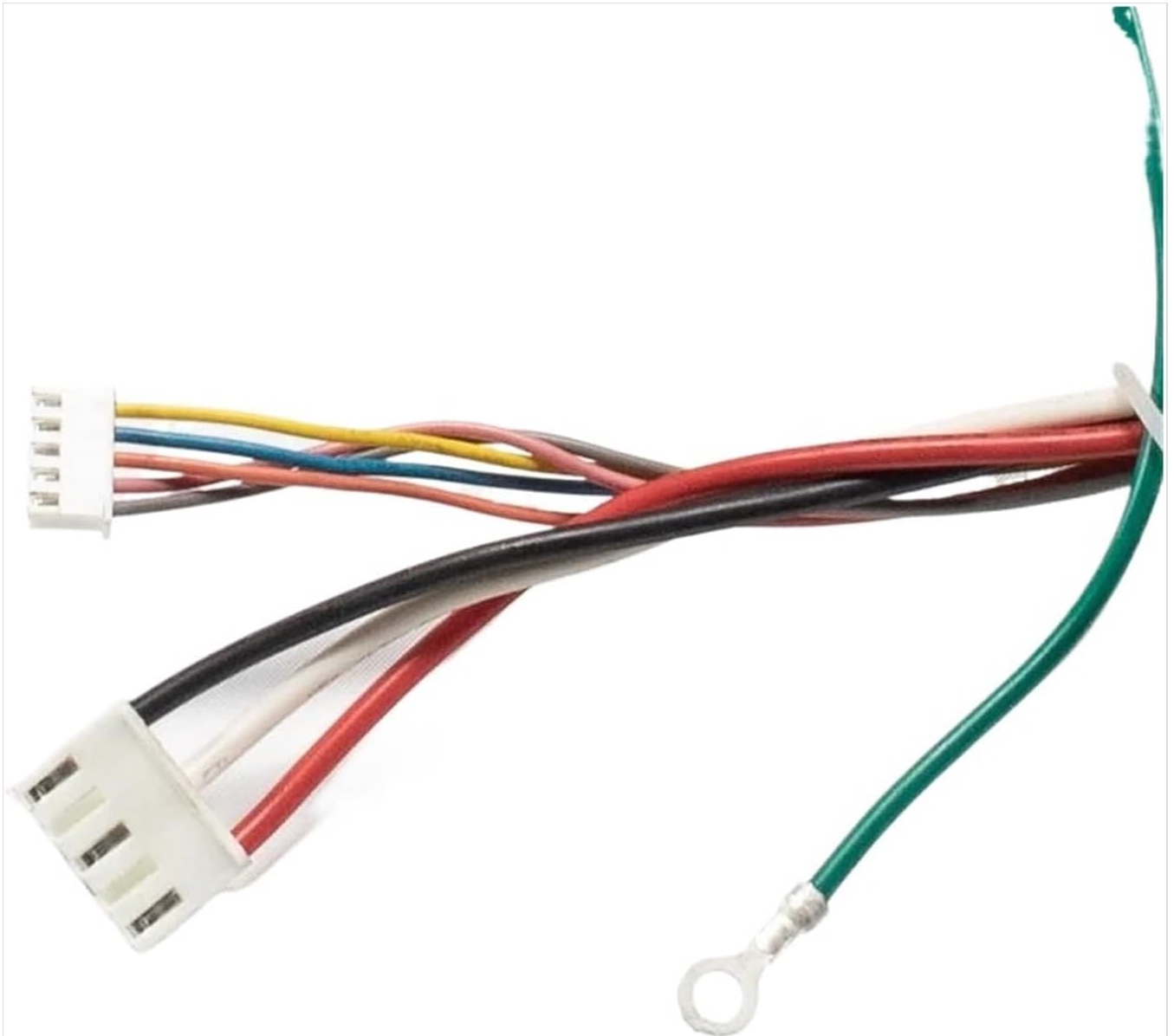


Figure 3.2: Wiring harness for the HEXEH Fan Motor. This image shows the multi-colored electrical wires with white connectors at one end and a green ground wire with a ring terminal at the other, indicating the electrical connections for the motor.

4. SETUP AND INSTALLATION

This fan motor is designed for direct replacement of old or damaged units. While installation is designed to be straightforward, professional installation is highly recommended due to the electrical nature of the component and the complexity of HVAC systems.

1. **Power Disconnection:** Before beginning, ensure the air conditioning unit's power supply is completely turned off at the circuit breaker. Verify with a voltage tester.
2. **Access the Motor:** Locate and open the access panel of your air conditioning unit to expose the fan motor assembly.
3. **Document Connections:** Carefully note or photograph the existing wiring connections to the old motor. This will aid in connecting the new motor correctly.
4. **Remove Old Motor:** Disconnect all wiring from the old motor. Unbolt or unmount the old motor from its housing.
5. **Install New Motor:** Mount the new HEXEH fan motor into the housing, ensuring it is securely fastened.
6. **Connect Wiring:** Connect the wiring harness of the new motor according to the documentation from step 3. Ensure all connections are tight and correct. The standard motor sizes and specifications allow for direct replacement.
7. **Secure Access Panel:** Close and secure the access panel.
8. **Restore Power:** Restore power to the air conditioning unit and test for proper operation.

If you are unsure about any step, consult a certified HVAC technician.

5. OPERATING INSTRUCTIONS

As a component part, the HEXEH Air Conditioner Fan Motor operates automatically as part of the air conditioning system. Once correctly installed, it will function when the air conditioning unit is powered on and calls for fan operation. There are no direct user controls for the motor itself.

6. MAINTENANCE

Regular maintenance of the air conditioning unit is crucial for the longevity of all its components, including the fan motor. While the motor itself is largely maintenance-free, consider the following:

- **Keep Clean:** Ensure the area around the fan motor and fan blades is free from dust, debris, and obstructions. Accumulated dirt can reduce efficiency and put strain on the motor.
- **Check Connections:** Periodically (during professional HVAC servicing) inspect electrical connections for tightness and signs of wear or corrosion.
- **Listen for Unusual Noises:** Any new or unusual noises from the fan motor area should be investigated by a qualified technician.

7. TROUBLESHOOTING

If the air conditioning unit is not functioning correctly after motor replacement, consider these common issues:

Problem	Possible Cause	Solution
Fan motor does not start	No power to the unit; incorrect wiring; faulty capacitor (if applicable); motor defect.	Check circuit breaker. Verify wiring connections. Consult a technician to test capacitor or motor.

Problem	Possible Cause	Solution
Fan motor makes unusual noise	Obstruction in fan blades; worn bearings; loose mounting.	Turn off power and check for obstructions. Have a technician inspect bearings and mounting.
Reduced airflow	Dirty air filter; blocked vents; fan motor running slowly.	Clean or replace air filter. Clear vents. Consult a technician if motor speed is an issue.

For complex issues or if troubleshooting steps do not resolve the problem, it is recommended to contact a professional HVAC technician.

8. SPECIFICATIONS

- **Manufacturer:** HEXEH
- **Model Numbers:** FBQ100DAVET, FBQ125DV1, DMUD4C9DK
- **Part Numbers:** 4017109, 5006897
- **Item Weight:** 650 Grams
- **Number of Pieces:** 1
- **Assembly Required:** No (referring to the motor itself, not its installation into the AC unit)
- **ASIN:** B0D3XF3X6G
- **Date First Available:** May 11, 2024

9. SUPPORT AND CONTACT

For any questions regarding this product, its installation, or operation, please feel free to contact the manufacturer or seller. We are committed to assisting you and will do our best to resolve any issues you may encounter. Please refer to your purchase documentation for specific contact details.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question