

Delixike DA97-15765C

Delixike DA97-15765C Refrigerator Condenser Fan Motor Instruction Manual

Model: DA97-15765C

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective installation, operation, and maintenance of your Delixike DA97-15765C Refrigerator Condenser Fan Motor. This component is crucial for maintaining the optimal cooling performance of your refrigerator by dissipating heat from the condenser coils.

Compatible Models: This fan motor is designed to replace original parts DA97-12842A, DA97-15765A, AP6001015, PS11733650, EAP11733650, and RMF002ASSA. It is compatible with various Samsung refrigerator models, including but not limited to: RF263BEAESP/AA-04, RF263BEAEBE/AA-04, RF265BEAESR/AA-00, RS25H5111BC/AA-02, RS25H5111SG/AA-01, RS25H5111SR/AA-02, RS25H5111WW/AA-02, RS25H5121SR/AA-02, RS25J500DSG/AA-00, RS25J500DSG/AA-01, RS25J500DSR/AA-01, RS25J500DWW/AA-01, RF28HMEBWW/AA-12, RF263BEAEWW/AA-04, RF28HMEBBSG/AA-02, RF28K9380SG/AA-02, RF28K9380SR/AA-02, RF28N9780SG/AA-00, RF22K9381SG/AA-02, RF26J7500SR/AA-03, RF260BEAESG/AA-02, RH22H9010SR/AA-07, RH22H9010SR/AA-08, RH22H9010SR/AA-09, RF22KREDBSR/AA-03, RF265BEAESG/AA-00, RF261BEAESG/AA-00, RF261BEAESG/AA-01, RF261BEAESG/AA-02, RF260BEAESG/AA-00, RF260BEAESG/AA-01, RF22KREDBSG/AA-03, RF22KREDBSG/AA-04, RF26HFENDWW/AA-01, RF26J7500BC/AA-03, RF26J7500WW/AA-02, RF26J7500WW/AA-03, RF28K9580SG/AA-01, RF22K9581SG/AA-01, RF22K9581SG/AA-02, RF28HDEDPWW/AA-08, RF28K9070SR/AA-02, RF28K9580SR/AA-01, RF28NHEDBSG/AA-00, RF28NHEDBSR/AA-00, RF30KMEDBSG/AA-00, RH25H5611BC/AA-02, RH25H5611SR/AA-02, RH25H5611WW/AA-02, RF23HCEDBSR/AA-00, RF23HCEDBSR/AA-13, RF28HFEDTSR/AA-00, RF263TEAESR/AA-04, RF263BEAEBE/AA-05, RF263BEAEBE/AA-06, RF263BEAEBE/AA-07, RF263TEAEWW/AA-04, RF263BEAESG/AA-01, RF263TEAEBE/AA-04, RF323TEDBBC/AA-09, RF323TEDBSR/AA-06, RF323TEDBSR/AA-07, RF323TEDBSR/AA-08, RF323TEDBSR/AA-09, RF323TEDBSR/AA-10, RF263TEAESR/AA-05, RF263TEAESR/AA-06, RF263TEAESR/AA-07, RF261BEAESR/AA-02, RF261BEAESR/AA-03, RF261BEAESR/AA-04, RF261BEAESR/AA-05, RF261BEAESR/AA-06, RF28K9070SR/AA-00, RF28K9070SR/AA-01, RF28JBEDBSG/AA-00, RF28JBEDBSG/AA-01, RF28K9070SR/AA-03, RF28JBEDBSG/AA-02, RF28K9070SR/AA-04, RF28JBEDBSG/AA-03.



Image 1: The Delixike DA97-15765C Refrigerator Condenser Fan Motor, a direct replacement part.

2. SAFETY INFORMATION

Always prioritize safety when performing any appliance repair. Failure to follow these instructions could result in electric shock, injury, or damage to your appliance.

- **Disconnect Power:** Before beginning any repair, always unplug the refrigerator from the electrical outlet or turn off the circuit breaker to prevent electric shock.
- **Wear Protective Gear:** Use work gloves to protect your hands from sharp edges and safety glasses to protect your eyes.
- **Handle with Care:** Components may have sharp edges or delicate parts. Handle the fan motor and surrounding components carefully.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the repair, consult a qualified appliance technician.

3. TOOLS REQUIRED

The following tools are typically required for replacing the condenser fan motor:

- Phillips head screwdriver
- Flathead screwdriver
- Nut driver set (common sizes for appliance screws)
- Pliers (optional, for stubborn connectors)
- Multimeter (optional, for testing electrical connections)

4. SETUP AND INSTALLATION

Follow these steps carefully to replace the condenser fan motor:

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet.
2. **Access the Rear:** Carefully pull the refrigerator away from the wall to access the rear panel.
3. **Remove Access Panel:** Locate the lower rear access panel. Use a screwdriver or nut driver to remove the screws securing this panel. Set the screws and panel aside.
4. **Locate Condenser Fan:** The condenser fan motor is typically located near the compressor at the bottom rear of the refrigerator.



Image 2: Illustration showing the general location of the condenser fan motor within a refrigerator system.

5. **Disconnect Wiring:** Carefully disconnect the electrical connector(s) from the old fan motor. Note the orientation of the wires if there are multiple connections.
6. **Remove Old Fan Motor:** Unscrew any mounting screws or clips holding the old fan motor in place. Carefully remove the old fan motor assembly.

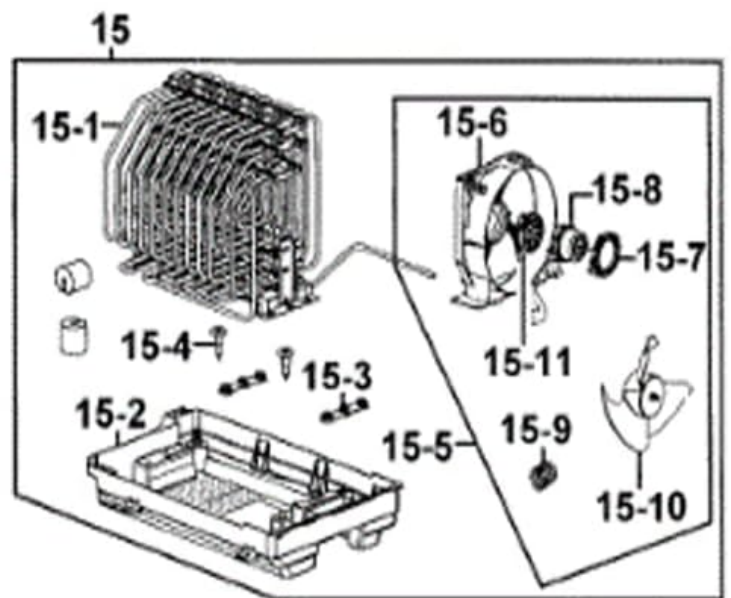


Image 3: The Delixike DA97-15765C fan motor with a diagram indicating its components and connections.

7. **Install New Fan Motor:** Position the new Delixike DA97-15765C fan motor in the same location and orientation as the old one. Secure it with the mounting screws or clips. Ensure it is firmly in place and the fan blades can spin freely without obstruction.



Image 4: Different perspectives of the condenser fan motor, showing its design and components.

8. **Reconnect Wiring:** Connect the electrical connector(s) to the new fan motor. Double-check that all connections are secure.
9. **Replace Access Panel:** Reattach the rear access panel using the screws removed earlier.
10. **Restore Power and Test:** Plug the refrigerator back into the electrical outlet. Listen for the fan motor to operate and check if the refrigerator begins to cool properly.

5. OPERATING PRINCIPLES

The condenser fan motor plays a vital role in the refrigeration cycle. Its primary function is to draw air over the condenser coils, which are located at the back or bottom of the refrigerator. As the refrigerant circulates through these coils, it releases heat absorbed from inside the refrigerator. The fan helps to dissipate this heat into the surrounding room air, allowing the refrigerant to cool and condense back into a liquid state. A properly functioning condenser fan ensures efficient heat exchange, which is essential for the compressor to operate effectively and for the refrigerator to maintain its set temperature.



Image 5: Diagram illustrating the airflow generated by the condenser fan to cool the refrigerator's components.

6. MAINTENANCE

Regular maintenance of the condenser fan area can prolong the life of your refrigerator and ensure efficient operation:

- **Keep Area Clear:** Ensure the area around the refrigerator, especially the rear and bottom, is free from obstructions that could block airflow to the condenser coils and fan.
- **Clean Condenser Coils:** Periodically (every 6-12 months) clean the condenser coils and fan blades. Dust and debris can accumulate, reducing the fan's efficiency. Use a vacuum cleaner with a brush attachment or a coil brush to gently remove buildup.
- **Inspect Fan Blades:** Check the fan blades for any damage or excessive wear. Ensure they are securely attached to the motor shaft.



Image 6: A visual representation of the fan's role in maintaining a healthy refrigerator environment, also suggesting proper disposal or

7. TROUBLESHOOTING

If your refrigerator is experiencing issues, the condenser fan motor could be a contributing factor. Here are some common symptoms and potential solutions:

- **Refrigerator Not Cooling Efficiently:** If the condenser fan is not running or is obstructed, heat cannot be properly dissipated, leading to poor cooling performance. Inspect the fan for obstructions and ensure it spins freely.
- **Loud Noises from Rear of Refrigerator:** A failing fan motor bearing can cause grinding, buzzing, or squealing noises. An obstruction hitting the fan blades can also cause noise. Disconnect power and check for obstructions or excessive play in the fan shaft.
- **Refrigerator Running Constantly:** If the condenser fan is not effectively cooling the coils, the compressor may run continuously to try and reach the set temperature, leading to increased energy consumption and wear.
- **Fan Not Spinning:** After ensuring power is connected, if the fan does not spin, the motor may have failed, or there could be a wiring issue. A multimeter can be used to test for continuity and voltage at the motor (only by qualified individuals).

If troubleshooting steps do not resolve the issue, professional assistance may be required.

8. SPECIFICATIONS

Feature	Specification
Brand	Delixike
Model Number	DA97-15765C
Compatible Part Numbers	DA97-12842A, DA97-15765A, AP6001015, PS11733650, EAP11733650, RMF002ASSA
Item Weight	0.43 Kilograms
Material	Refrigerator-grade components
Application	Refrigerator Condenser Fan Motor

9. WARRANTY INFORMATION

This Delixike product is covered by a standard limited warranty against manufacturing defects. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the product packaging or contact the seller directly.

10. CUSTOMER SUPPORT

If you have any questions regarding the installation, operation, or troubleshooting of your Delixike DA97-15765C Refrigerator Condenser Fan Motor, please contact our customer support team or the seller through your purchase platform. Provide your model number and a detailed description of the issue for prompt assistance.

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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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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