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› Samsung DA96-00762C Refrigerator Evaporator Assembly Instruction Manual

Samsung DA96-00762C

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Samsung DA96-00762C Refrigerator Evaporator Assembly Instruction Manual

Model: DA96-00762C

1. INTRODUCTION

This manual provides essential information regarding the Samsung DA96-00762C Refrigerator Evaporator Assembly. This component is a genuine Original Equipment Manufacturer (OEM) part designed to function as the heat exchanger within your refrigerator, responsible for cooling the appliance's interior. Understanding the function and proper handling of this part is crucial for maintaining the efficiency and longevity of your refrigerator. This manual is intended for informational purposes and should be used in conjunction with professional guidance for installation.



Image 1.1: The Samsung DA96-00762C Refrigerator Evaporator Assembly. This image displays the metallic fins and tubing of the evaporator coil, along with attached wiring and sensors, which are integral to its heat exchange function.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock and Injury.

- Always disconnect power to the refrigerator before attempting any repair or installation. Failure to do so can result in serious injury or death.
- Refrigerator repairs, especially those involving sealed systems like the evaporator, should only be performed by qualified and experienced technicians. Improper installation can lead to refrigerant leaks, appliance damage, or personal injury.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during handling and installation.
- Handle the evaporator assembly carefully to avoid bending fins or damaging tubing, which can impair its function.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other

reproductive harm. Wash hands after handling.

3. PACKAGE CONTENTS

The Samsung DA96-00762C Evaporator Assembly package typically includes:

- One (1) Samsung DA96-00762C Refrigerator Evaporator Assembly.
- Additional components such as sensors or wiring may be pre-attached as part of the assembly. Refer to your specific refrigerator's parts diagram for a complete list of included items and their configuration.

4. COMPATIBILITY

The Samsung DA96-00762C Evaporator Assembly is compatible with various Samsung refrigerator models. It is critical to verify your refrigerator's model number before purchasing or installing this part to ensure proper fit and function. Many replacement parts may appear similar but are not interchangeable.

Does your part fit?



Many replacement parts
look the same
but won't fit your model.

Don't be fooled!

Check your
model number
before you buy.

Image 4.1: A visual reminder to verify part compatibility. This image features a stop sign with text emphasizing the importance of checking your refrigerator's model number to ensure the correct part fit.

This part is compatible with models including, but not limited to:

- RF267AAWP/XAA-00
- RF267AASH/XAA-00
- RF267AABP/XAA-00
- RF267ABRS/XAA-00
- RFG297AAWP/XAA-00
- RF267ABBP/XAA-00
- RF266AARS/XAA-00
- RFG297AABP/XAA
- RF267ABPN/XAA-00
- RF266AASH/XAA-00
- RF267ABWP/XAA-00
- RF266AAWP/XAA-00
- RF266AABP/XAA-00
- RF267AARS/XAA-00

Always consult your refrigerator's owner's manual or service diagram for the most accurate compatibility information.

5. INSTALLATION (SETUP)

IMPORTANT: Installation of this evaporator assembly requires specialized tools and knowledge of refrigeration systems. It is strongly recommended that installation be performed by a certified appliance technician.

General steps for evaporator assembly replacement (for informational purposes only):

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet.
2. **Access Evaporator Compartment:** Depending on your model, this may involve removing shelves, ice maker components, and the rear panel of the freezer or fresh food compartment.
3. **Remove Old Evaporator:** Carefully disconnect any wiring, sensors, and refrigerant lines from the old evaporator. This step often involves cutting and brazing refrigerant lines, which must be done by a professional to prevent refrigerant leaks and ensure proper system sealing.
4. **Install New Evaporator:** Position the new DA96-00762C assembly, connect wiring and sensors, and securely attach refrigerant lines.
5. **Vacuum and Recharge System:** A professional technician will evacuate the system to remove moisture and non-condensable gases, then recharge it with the correct type and amount of refrigerant.
6. **Reassemble and Test:** Reinstall all panels and components. Plug in the refrigerator and monitor its operation to ensure proper cooling and defrost cycles.

Refer to your refrigerator's specific service manual for detailed, model-specific instructions.

6. OPERATING PRINCIPLE

The evaporator assembly is a critical component of your refrigerator's sealed cooling system. Its primary function is to absorb heat from the refrigerator's interior. Refrigerant flows through the evaporator coils, where it changes from a liquid to a gas (evaporates). This phase change absorbs heat from the surrounding air, thereby cooling the compartment. The cooled air is then circulated throughout the refrigerator by a fan.

A properly functioning evaporator ensures efficient cooling and helps maintain the desired temperature for food preservation.

7. MAINTENANCE

While the evaporator assembly itself typically does not require routine user maintenance, its efficiency can be affected by other factors:

- **Keep Vents Clear:** Ensure that air vents within the refrigerator and freezer compartments are not blocked by food items, allowing for proper air circulation over the evaporator.
- **Clean Condenser Coils:** Periodically clean the condenser coils (usually located at the back or bottom of the refrigerator) to ensure efficient heat dissipation from the system. Dirty condenser coils can cause the compressor to work harder and reduce overall cooling efficiency.
- **Monitor Door Seals:** Check door seals regularly for damage or gaps that could allow warm air to enter, leading to frost buildup on the evaporator and reduced cooling performance.

8. TROUBLESHOOTING

If your refrigerator is experiencing cooling issues, a faulty evaporator assembly could be a contributing factor. Common symptoms associated with evaporator problems include:

- **Insufficient Cooling:** The refrigerator or freezer compartments are not reaching desired temperatures.
- **Excessive Frost Buildup:** Significant frost accumulation on the evaporator coils, often indicating a defrost system malfunction or a sealed system issue.
- **Unusual Noises:** Hissing or gurgling sounds from the evaporator area, potentially indicating a refrigerant leak.
- **Refrigerator Running Constantly:** The compressor runs continuously in an attempt to cool, but temperatures remain high.

If you observe these symptoms, it is advisable to contact a qualified appliance repair technician for diagnosis and repair. Attempting to diagnose or repair sealed system components without proper training and equipment can be dangerous and may void your appliance's warranty.

9. SPECIFICATIONS

Feature	Specification
Part Number	DA96-00762C
Brand	Samsung
Item Weight	6 pounds (approx. 2.72 kg)
Package Dimensions	18 x 16 x 4 inches (approx. 45.7 x 40.6 x 10.2 cm)
UPC	717449177001

Feature	Specification
Manufacturer	Samsung

10. WARRANTY AND SUPPORT

For information regarding the warranty of your Samsung DA96-00762C Evaporator Assembly, please refer to the documentation provided with your original refrigerator purchase or contact Samsung customer support directly. As an OEM part, its warranty coverage may be tied to the appliance's overall warranty or a specific parts warranty. For technical assistance, service inquiries, or to locate a certified service technician, please visit the official Samsung support website or contact their customer service hotline.

[Visit Samsung Support](#)

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Email

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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.

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