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> Frigidaire 809069201 Evaporator Fan Motor for Refrigerators - Instruction Manual

## Frigidaire 809069201

# Frigidaire 809069201 Evaporator Fan Motor Instruction Manual

Genuine Replacement Part for Refrigerators

## PRODUCT OVERVIEW

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The Frigidaire 809069201 Evaporator Fan Motor is a genuine replacement part designed to ensure optimal performance of your Frigidaire refrigerator. This motor is crucial for circulating air over the evaporator coils, which facilitates the cooling process within the refrigerator and freezer compartments.

Engineered to exact specifications, this part helps maintain the proper temperature and air distribution, preventing issues such as inadequate cooling or frost buildup.

### Key Features:

- **Quality Craftsmanship:** Designed and engineered by Frigidaire to exact specifications for optimal appliance performance.
- **Genuine Part:** Ensures compatibility and reliability, unlike non-genuine parts.
- **Essential Component:** Critical for proper air circulation and cooling efficiency in refrigerators.



Image: Front view of the Frigidaire 809069201 Evaporator Fan Motor, showing the motor body, shaft, and electrical connector with wires. The label "Panasonic FDQB38EL1 12 V --- 2.7 W CW E.P. 809069201 72721ZT MADE IN THAILAND" is visible.

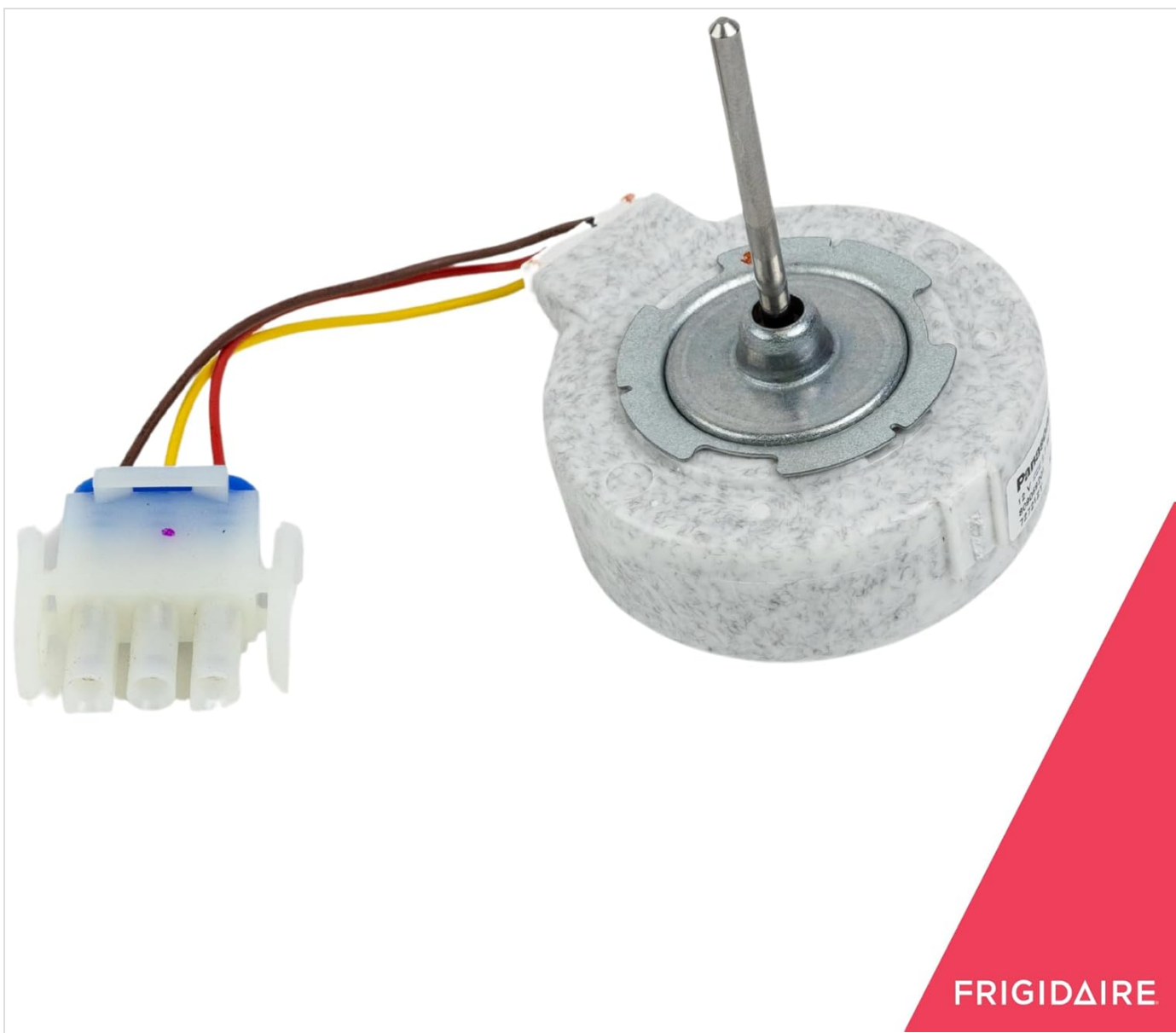


Image: An angled view of the Frigidaire 809069201 Evaporator Fan Motor, highlighting its compact design and the electrical connector.

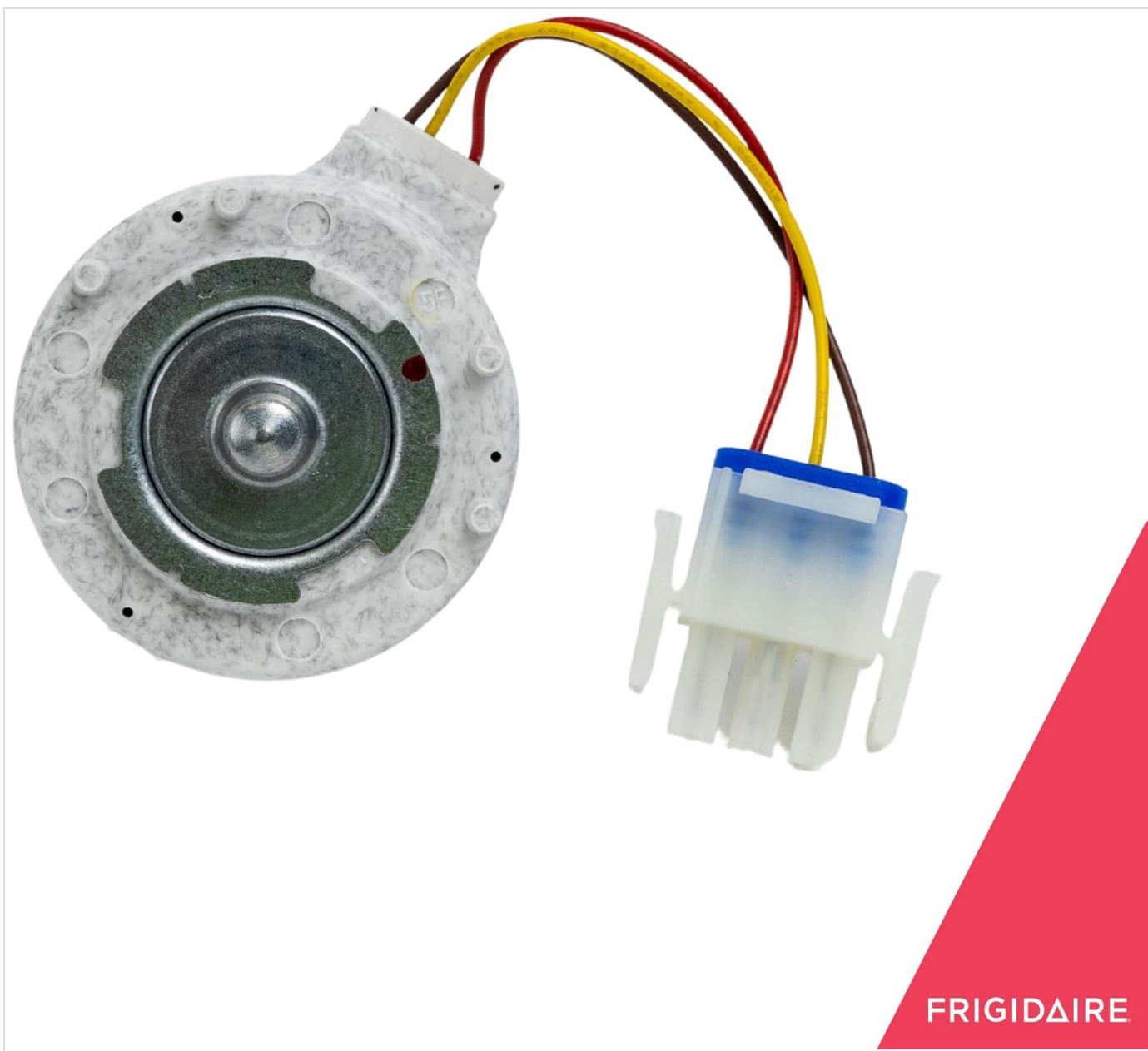


Image: Bottom view of the Frigidaire 809069201 Evaporator Fan Motor, showing the underside of the motor housing and the connection points.

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Ensure optimal performance with the Frigidaire 809069201 Evaporator Fan Motor, a genuine Frigidaire part for Refrigerators.



Appliance pictured is for illustration purposes only.

Image: The Frigidaire 809069201 Evaporator Fan Motor displayed in the foreground with a modern black Frigidaire refrigerator in the background, illustrating its intended use. Note: The appliance pictured is for illustration purposes only.

## SPECIFICATIONS

<b>Brand Name</b>	Frigidaire
<b>Model Number</b>	809069201
<b>Item Weight</b>	4.6 ounces
<b>Product Dimensions</b>	6.97 x 6.57 x 6.3 inches
<b>Part Number</b>	809069201
<b>Batteries Required</b>	No

# 809069201

Length: 2.5 inches  
Width: 2.25 inches  
Height: 2.75 inches



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Image: Diagram showing the dimensions of the Frigidaire 809069201 Evaporator Fan Motor. Length is 2.5 inches, Width is 2.25 inches, and Height is 2.75 inches.

## INSTALLATION

Replacing the evaporator fan motor requires careful attention and adherence to safety procedures. It is recommended that this installation be performed by an experienced DIYer.

### Skill Level and Estimated Time:

**Skill Level:** Experienced DIYer

**Estimated Install Time:** 45-60 minutes

### Tools Required:

- 1/4" nut driver

- 3/8" socket and ratchet or 3/8" nut driver
- Gloves
- Safety glasses

**Important Safety Precaution:** Always disconnect power to the refrigerator before attempting any repairs or installations. Failure to do so can result in serious injury or damage to the appliance.

# Installation Information



**Skill Level:**  
Experienced  
DIYer



**Install Time:**  
45-60 minutes



**Tools Required:**  
1/4" nut driver, 3/8" socket  
and ratchet or 3/8" nut  
driver, gloves, safety  
glasses

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Image: Graphic detailing installation information, including "Skill Level: Experienced DIYer", "Install Time: 45-60 minutes", and "Tools Required: 1/4" nut driver, 3/8" socket and ratchet or 3/8" nut driver, gloves, safety glasses."

## OPERATING PRINCIPLES

The evaporator fan motor is an integral part of your refrigerator's cooling system. Its primary function is to draw air over the evaporator coils, which are responsible for absorbing heat from the refrigerator's interior. Once the air is cooled, the fan circulates this cold air throughout both the fresh food and freezer compartments, ensuring consistent temperatures and efficient cooling.

This motor operates automatically, controlled by the refrigerator's thermostat and defrost cycle. It typically runs when the

compressor is active and may pause during defrost cycles to allow the evaporator coils to thaw.

## MAINTENANCE

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As a sealed component, the Frigidaire 809069201 Evaporator Fan Motor generally requires no routine maintenance. However, ensuring the area around the motor and evaporator coils remains free of excessive dust or debris can help maintain optimal airflow and prevent premature wear.

If you notice unusual noises coming from the freezer compartment, such as grinding or squealing, or if the refrigerator is not cooling effectively, it may indicate an issue with the fan motor or its surrounding components. Regular cleaning of the condenser coils (located at the back or bottom of the refrigerator) can also contribute to the overall efficiency and longevity of your appliance, indirectly supporting the fan motor's function.

## TROUBLESHOOTING

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

- **Symptom: Refrigerator or freezer not cooling adequately.**

*Possible Cause:* The evaporator fan motor is not running or is running slowly, preventing cold air circulation. This can sometimes be indicated by an error code like "SY EF" on some Frigidaire models.

*Solution:* Check if the fan blades are obstructed by ice or debris. If the motor is not spinning freely or making unusual noises, it may need replacement. Ensure the refrigerator door is sealing properly.

- **Symptom: Unusual noises (e.g., grinding, squealing, buzzing) coming from the freezer compartment.**

*Possible Cause:* The fan motor bearings are worn, or the fan blade is hitting an obstruction (e.g., ice buildup).

*Solution:* Inspect the fan area for ice buildup and defrost the freezer if necessary. If the noise persists after defrosting and clearing obstructions, the motor likely needs replacement.

- **Symptom: Excessive frost buildup in the freezer.**

*Possible Cause:* While often related to defrost system issues, a malfunctioning evaporator fan can contribute by not circulating air effectively, leading to uneven temperatures and frost.

*Solution:* Verify the fan is operating correctly. If the fan is not the primary issue, investigate the defrost heater, defrost thermostat, or defrost timer.

For complex issues or if you are unsure about diagnosing the problem, it is advisable to consult a qualified appliance technician.

## COMPATIBILITY

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This genuine Frigidaire 809069201 Evaporator Fan Motor is compatible with a wide range of Frigidaire refrigerator models. Always verify compatibility with your specific appliance model before purchasing and installing this part. Refer to your appliance's user manual or the model number list below.

### Compatible Frigidaire Models:

7034, 7041, 7042, 7044, CFD28SDQ, CFD28WIQ, FGHG2368, LFHG2251, 20462151, 90462157, 970R7240, 970R7242, 970R7243, CFEH272IT, DGHD2361T, DGHF2360P, DGHX2655T, EI23BC32S, EI23BC37S, EI23BC82S, EW23BC87S, EW28BS87S, E23BC69SP, E23BC79SP, FFHB2750T, FFHD2250T, FFHG2250T, FFHN2750T, FFSC2323T, FGHB2866P, FGHB2867T, FGHB2868T, FGHD2368T, FGHF2366P, FGHF2367T, FGHG2366P, FGHG2368T, FGHN2866P, FGHN2868T, FGSC2335T, FGSS2635T, FPBC2277R, FPBC2278U, FPBG2277R, FPBG2278U, FPBS2777R, FPBS2778U, FPSC2277R, FPSC2278U, LFHB2751T, LFHD2251T, LFHG2251T, LFSC2324V, LGHB2867P, LGHB2867T, LGHB2869T, LGHD2369T, LGHX2636T, RVRF3361S

# Is Your Part Compatible?

This product is compatible with the following Frigidaire models:

7034, 7041, 7042, 7044, CFD28SDQ, CFD28WIQ, FGHG2368, LFHG2251, 20462151, 90462157, 970R7240, 970R7242, 970R7243, CFEH272IT, DGHD2361T, DGHF2360P, DGHX2655T, EI23BC32S, EI23BC37S, EI23BC82S, EW23BC87S, EW28BS87S, E23BC69SP, E23BC79SP, FFHB2750T, FFHD2250T, FFHG2250T, FFHN2750T, FFSC2323T, FGHB2866P, FGHB2867T, FGHB2868T, FGHD2368T, FGHF2366P, FGHF2367T, FGHG2366P, FGHG2368T, FGHN2866P, FGHN2868T, FGSC2335T, FGSS2635T, FPBC2277R, FPBC2278U, FPBG2277R, FPBG2278U, FPBS2777R, FPBS2778U, FPSC2277R, FPSC2278U, LFHB2751T, LFHD2251T, LFHG2251T, LFSC2324V, LGHB2867P, LGHB2867T, LGHB2869T, LGHD2369T, LGHX2636T, RVRF3361S

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Image: Graphic titled "Is Your Part Compatible?" followed by a list of compatible Frigidaire refrigerator models.

## WARRANTY AND SUPPORT

Frigidaire stands by the quality of its genuine parts. When you choose genuine Frigidaire parts, you can confidently repair your appliance, knowing they are engineered to meet the brand's high standards.

For specific warranty information regarding genuine Frigidaire replacement parts, please refer to the documentation provided with your purchase or contact Frigidaire customer support directly. Always ensure you purchase genuine parts from authorized distributors to ensure warranty validity and product authenticity.

For further assistance or technical support, please visit the official Frigidaire website or contact their customer service department.

