

Supco RIM8493

Supco RIM8493 Replacement Ice Maker Kit Instruction Manual

For Frigidaire, Electrolux, and Kenmore Refrigerators

1. INTRODUCTION AND SAFETY INFORMATION

This instruction manual provides essential information for the safe and effective installation, operation, and maintenance of your Supco RIM8493 Replacement Ice Maker Kit. Please read all instructions carefully before beginning installation or use. Retain this manual for future reference.

1.1 Safety Precautions

- Always disconnect power to the refrigerator before attempting any installation or maintenance.
- Wear appropriate personal protective equipment, such as gloves, during installation.
- Ensure all connections are secure to prevent water leaks or electrical hazards.
- If you are unsure about any step, consult a qualified appliance technician.

2. PRODUCT OVERVIEW

The Supco RIM8493 is a replacement ice maker kit designed to restore ice production in compatible refrigerators. It includes the ice maker unit with a hard-wired harness connection and an ice level arm.

2.1 Key Features

- Direct replacement for various OEM part numbers.
- Integrated ice mold for producing crescent-shaped ice cubes.
- On/Off lever for controlling ice production.
- Durable metal and plastic construction.

2.2 What's in the Box

- 1 x Supco RIM8493 Ice Maker Unit

3. COMPATIBILITY

This ice maker kit is compatible with various Frigidaire, Electrolux, and Kenmore refrigerator models. It replaces the following part numbers:

- 5303918493
- AP4587866
- 1794546
- 241798219
- AH3409466
- EA3409466
- PS3409466
- 241798226
- 241798231
- 241798224
- 241798201
- 5304456671
- 241642503A
- 241798211
- 241642511
- 5303320545
- 530445222
- 5304458669
- AP6332951
- B011P1OODQ
- 5304456672
- 241798220
- 75304456669
- 75304456671
- 75304456672
- 4591526
- PS12085911
- 3206327
- 3206329

Always verify the compatibility with your specific refrigerator model before purchase and installation.

4. INSTALLATION INSTRUCTIONS

Installing the Supco RIM8493 ice maker requires basic tools and adherence to safety procedures. Refer to your refrigerator's service manual for specific access instructions if needed.

4.1 Preparation

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet or turn off the circuit breaker.
2. **Access Ice Maker:** Locate the existing ice maker in your freezer compartment. This may involve removing an ice bucket or other freezer components.

3. **Remove Old Ice Maker:** Disconnect the wiring harness and water line (if applicable). Unscrew any mounting screws holding the old ice maker in place and carefully remove it.

4.2 Installing the New Ice Maker

1. **Position New Unit:** Carefully align the new Supco RIM8493 ice maker with the mounting brackets in your freezer.
2. **Secure Mounting Screws:** Fasten the ice maker using the appropriate screws. Ensure it is securely attached and level.
3. **Connect Wiring Harness:** Connect the 6-pin wiring harness from the ice maker to the corresponding connector in the refrigerator. Ensure a firm connection.
4. **Connect Water Line:** If your model has an external water line connection to the ice maker, reattach it securely.
5. **Replace Components:** Reinstall any ice buckets or freezer components that were removed during preparation.



Figure 1: Supco RIM8493 Ice Maker Kit. This image shows the complete ice maker unit, including the ice mold and the attached wiring harness.

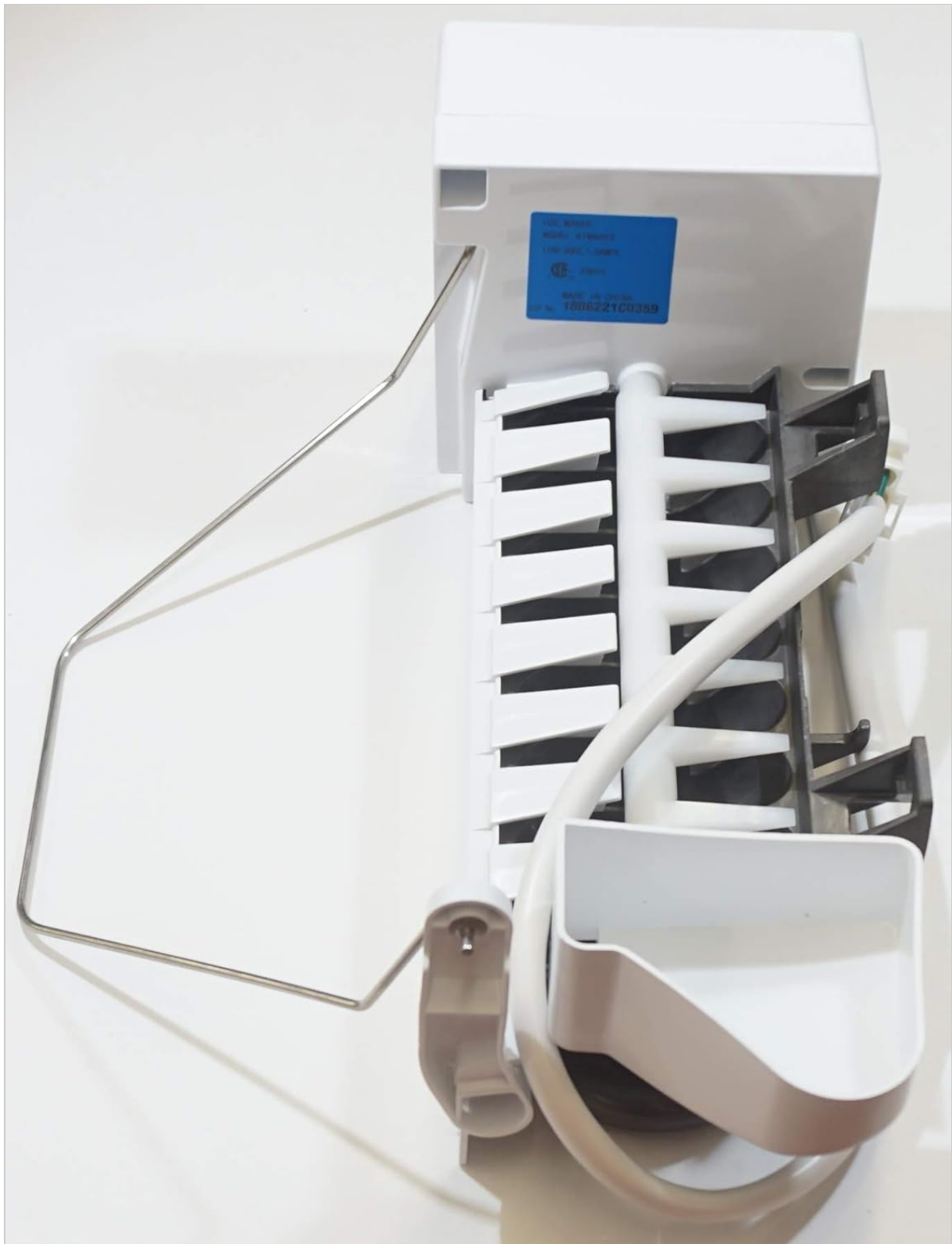


Figure 2: Side view of the Supco RIM8493 Ice Maker. This view highlights the ice mold and the internal components, including the water fill tube.

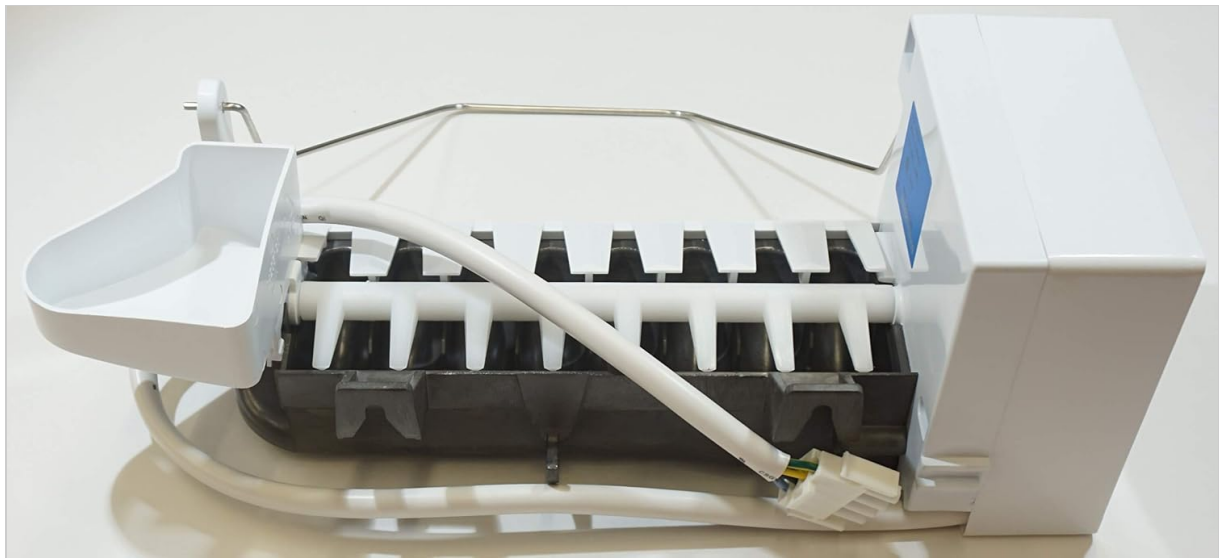


Figure 3: Close-up of the Supco RIM8493 Ice Maker wiring harness. This image details the multi-pin connector for electrical connection to the refrigerator.

4.3 Installation Videos

Video: 241798231 241798224 Ice Maker Replacement Assembly

Your browser does not support the video tag.

This video provides a detailed visual overview of the ice maker unit, showcasing its various components and design. It highlights the ice mold, the on/off lever, and the wiring harness, demonstrating the physical aspects of the replacement part.

Video: 243297613 Ice Maker

Your browser does not support the video tag.

This video presents the ice maker, focusing on its 6-pin wiring harness and the 10 ice-making molds. It also mentions compatibility with Frigidaire, Electrolux, and Kenmore refrigerators, providing a closer look at the electrical connection and ice production capacity.

Video: 2198597 Ice Maker

Your browser does not support the video tag.

This video demonstrates the ice maker's on/off lever and its function. It shows how to manually control ice production by raising or lowering the lever, which is a key operational feature of the unit.

5. OPERATING INSTRUCTIONS

Once installed, the ice maker operates automatically. Follow these guidelines for optimal performance:

- **Initial Operation:** After installation and reconnecting power, the ice maker will typically begin producing ice within 3-4 hours. Discard the first few batches of ice to ensure cleanliness.
- **On/Off Lever:** The ice maker features an on/off lever (also known as a bail arm). Lower the lever to activate ice production. Raise the lever to stop ice production, for example, when the ice bin is full or if you need to temporarily disable the ice maker.
- **Water Supply:** Ensure your refrigerator's water supply is connected and turned on for the ice maker to function.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your ice maker.

- **Clean Ice Bin:** Periodically empty and clean the ice storage bin with mild soap and water. Rinse thoroughly before returning it to the freezer.
- **Check Water Filter:** If your refrigerator has a water filter, replace it according to the manufacturer's recommendations to ensure clean water for ice production.
- **Inspect for Ice Buildup:** Occasionally check around the ice maker for excessive ice buildup, which could impede its function. Carefully remove any buildup if present.

7. TROUBLESHOOTING

If your ice maker is not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Ice maker not producing ice	• Power not connected • Water supply off or clogged • On/Off lever in 'Off' position • New ice maker needs time to cycle	• Ensure refrigerator is plugged in and power is on. • Check water supply line and filter. • Lower the On/Off lever. • Allow 3-4 hours for initial ice production.
Ice maker is noisy	• Normal operation sounds • Loose mounting	• Some operational noise is normal. • Ensure ice maker is securely mounted.
Ice maker does not turn off	• On/Off lever stuck or damaged • Sensor malfunction	• Check if the On/Off lever is obstructed or damaged. • If the problem persists, professional service may be required.

8. SPECIFICATIONS

- **Brand:** Supco
- **Model Name:** Supco Replacement Ice Maker Kit for Frigidaire, 5303918493, RIM8493
- **Product Dimensions:** 14"D x 10"W x 6"H
- **Capacity:** 840 Cubic Inches (Ice Bin capacity not specified for this part, refers to general freezer space)
- **Material:** Metal, Plastic
- **Item Weight:** 3.3 pounds
- **UPC:** 687152260782

9. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For warranty details or technical support, please contact Supco customer service or refer to the product packaging.

