

UpStart Components AP-241798224-DL7863

UpStart Components 241798224 Refrigerator Ice Maker Replacement Manual

For Frigidaire FRT21LR7AW6 and Compatible Models

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your UpStart Components 241798224 Refrigerator Ice Maker replacement. This unit is designed to be a direct replacement for the original ice maker in compatible Frigidaire refrigerator models, including FRT21LR7AW6, and is compatible with original part numbers such as 241798211 and 241642511. Please read all instructions carefully before beginning installation.

SAFETY INFORMATION

Always prioritize safety when working with appliances. Failure to follow these safety guidelines may result in personal injury or property damage.

- **Disconnect Power:** Before attempting any installation or maintenance, always unplug the refrigerator from the electrical outlet or turn off the power at the circuit breaker.
- **Wear Protective Gear:** It is recommended to wear work gloves to protect your hands from sharp edges and safety glasses to protect your eyes.
- **Handle with Care:** The ice maker unit may have delicate components. Handle it carefully to avoid damage.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the installation, consult a qualified appliance technician.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- UpStart Components 241798224 Refrigerator Ice Maker Unit
- Wiring Harness (pre-attached or separate, depending on model)
- Mounting Hardware (if applicable and not reusing existing)

Note: Additional tools such as screwdrivers, nut drivers, and pliers may be required for installation and are not included.

SETUP AND INSTALLATION

Follow these steps to replace your refrigerator's ice maker. Refer to your refrigerator's specific service manual for exact panel removal procedures if needed.

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker supplying power to the refrigerator.
2. **Access Freezer Compartment:** Open the freezer door and remove any ice from the ice bin. You may need to remove shelves or other obstructions to gain clear access to the existing ice maker.
3. **Locate and Disconnect Old Ice Maker:** Identify the old ice maker unit. It is typically mounted to the side or top of the freezer compartment. Disconnect the wiring harness by gently squeezing the locking tabs and pulling apart the connector.
4. **Remove Old Ice Maker:** Unscrew the mounting screws that secure the old ice maker to the freezer wall. Carefully remove the old unit. Note its orientation and how it was connected.



Image 1: Side view of the ice maker unit, illustrating its general shape and wiring connection point.

5. **Prepare New Ice Maker:** If the new ice maker comes with a separate wiring harness or requires minor assembly, follow any included instructions for those steps. Ensure the bail arm (shut-off arm) is in the down position.



Image 2: Top view of the ice maker, highlighting the ice mold and ejector components.

6. **Install New Ice Maker:** Position the new ice maker in the same location and orientation as the old one. Secure it with the

mounting screws. Do not overtighten.

7. **Connect Wiring:** Plug the new ice maker's wiring harness into the refrigerator's electrical connector. Ensure a secure connection.



Image 3: Angled view of the ice maker, showing the bail arm in the operational position.

8. **Replace Components:** Reinstall any shelves or other parts that were removed to access the ice maker. Place the empty ice bin back into position.
9. **Restore Power:** Plug the refrigerator back into the electrical outlet or turn on the circuit breaker.
10. **Initial Test:** The ice maker will typically perform an initial fill cycle within a few minutes of power restoration. It may take 12-24 hours for the first batch of ice to be produced and for the ice maker to reach full production capacity.

OPERATING INSTRUCTIONS

Once installed and powered, the ice maker operates automatically. Water fills a mold, freezes, and then an ejector arm pushes the ice cubes into the ice bin. The bail arm (metal shut-off arm) controls ice production:

- **Arm Down:** The ice maker is active and will produce ice.
- **Arm Up:** The ice maker is turned off and will not produce ice. This position is typically used when the ice bin is full or when you want to temporarily stop ice production.

Allow 24 hours for the refrigerator to reach optimal temperature and for the ice maker to begin consistent production after installation or power interruption. Discard the first few batches of ice to ensure cleanliness.

MAINTENANCE

Regular maintenance helps ensure optimal performance and longevity of your ice maker.

- **Clean Ice Bin:** Periodically remove and wash the ice bin with mild soap and warm water. Rinse thoroughly and dry completely before returning it to the freezer.
- **Check Water Line:** Ensure the water supply line to the refrigerator is not kinked or obstructed, as this can affect ice production.
- **Refrigerator Filter:** If your refrigerator has a water filter, ensure it is replaced according to the manufacturer's recommendations to maintain water quality and ice production.

- **Dusting:** Occasionally dust around the ice maker unit if accessible, ensuring no debris interferes with its moving parts.

TROUBLESHOOTING

If your ice maker is not functioning as expected, review the following common issues and solutions before seeking professional service.

Problem	Possible Cause	Solution
No ice production	Refrigerator not plugged in or power off Bail arm in 'up' position Water supply turned off or kinked line Freezer temperature too high New installation, needs time to cycle	Check power connection/circuit breaker Lower the bail arm Check water valve, straighten water line Ensure freezer is set to 0°F (-18°C) Allow 12-24 hours for initial production
Small or hollow ice cubes	Low water pressure Clogged water filter	Check household water pressure Replace refrigerator water filter
Ice tastes bad or has odor	Old ice in bin Unclean ice bin Old or unfiltered water	Discard old ice, clean bin Wash ice bin thoroughly Replace water filter, flush water line
Ice maker making unusual noises	Normal operational sounds Loose mounting screws	Some sounds (filling, ejecting) are normal Check and tighten mounting screws

SPECIFICATIONS

- **Brand:** UpStart Components
- **Part Number:** AP-241798224-DL7863
- **Compatible with Frigidaire Part Numbers:** 241798231, AP6332951, 241798224, 5304456671, 241798201, 241642501, 241642503A, 241642511, 241798209, 241798211, 241798220, 3206327, 3206329, 5303320545, 5304445222, 5304456669, 75304445222, 75304456669, 75304456671, 75304456672
- **Compatible Refrigerator Models (Examples):** Frigidaire FRT21LR7AW6, FRS26H5ASB4, FRS26H5ASB5, FRS26H5ASB8, FRS26H5ASBA, FRS26LF7DS7, FRS26R2AW6, FRS26R4CB1, FRS26RLECS0, FRS26ZNHB0, FRS26ZRFW3, FRS26ZSHB0, FRS6LR5EB3, FRS6LR5EM2, FRS6R5ESB4, PLHS269ZCB4

WARRANTY AND SUPPORT

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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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