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UpStart Components AP-D7824706Q-DL7957

UpStart Components D7824706Q Refrigerator Ice Maker Replacement User Manual

Model: AP-D7824706Q-DL7957

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of the UpStart Components D7824706Q Refrigerator Ice Maker Replacement. This unit is designed to be compatible with Magic Chef RC20LA-3AW-BS09B and W10190978 icemakers. Please read these instructions thoroughly before proceeding with installation or use to ensure proper function and safety.

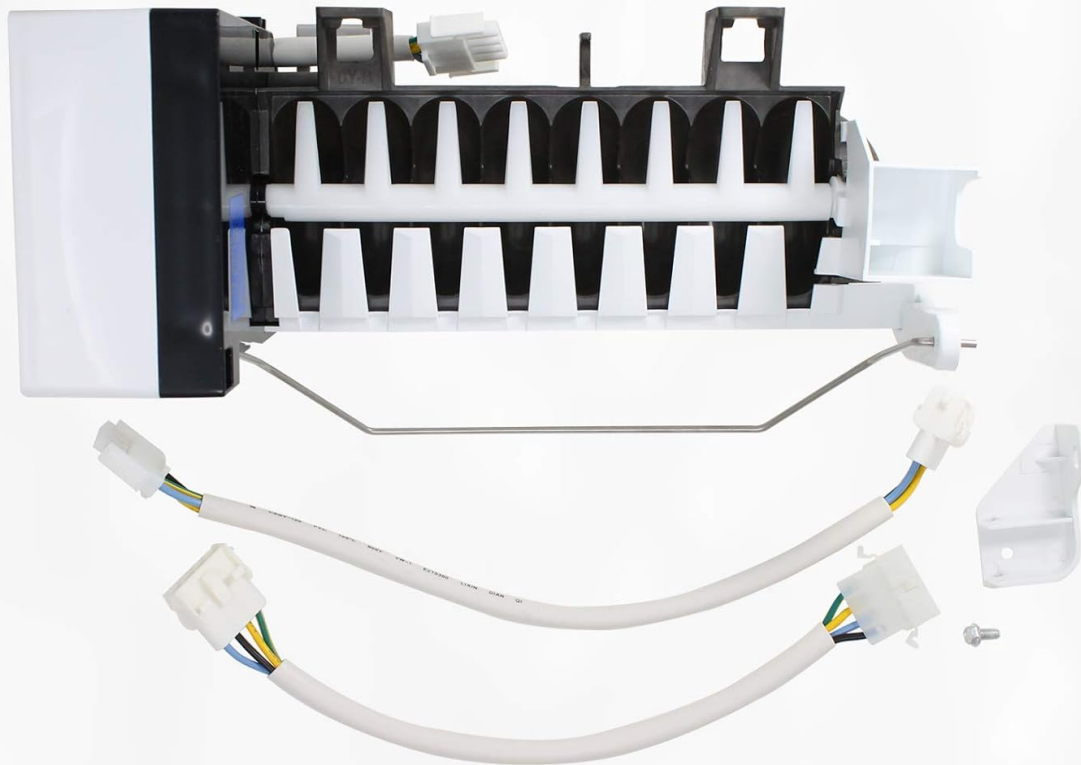


Figure 1: UpStart Components D7824706Q Refrigerator Ice Maker Replacement unit.

2. SAFETY INFORMATION

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

- **Disconnect Power:** Before attempting any installation, maintenance, or repair, always disconnect the refrigerator from its power source by unplugging it or turning off the circuit breaker.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves, to prevent injury.
- **Professional Assistance:** If you are unsure about any step or uncomfortable performing the installation, consult a qualified appliance technician.
- **Water Supply:** Ensure the water supply line to the refrigerator is turned off before beginning work to prevent leaks.
- **Sharp Edges:** Be aware of potentially sharp edges or components inside the refrigerator.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x D7824706Q Refrigerator Ice Maker Assembly
- 2x Wiring Harnesses (various lengths)
- 1x Mounting Bracket
- 1x Mounting Screw



Figure 2: Included wiring harnesses, mounting bracket, and screw.

4. SETUP (INSTALLATION INSTRUCTIONS)

Follow these steps carefully to replace your refrigerator ice maker.

1. Prepare the Refrigerator:

- Unplug the refrigerator from the electrical outlet or turn off the circuit breaker to disconnect power.
- Turn off the water supply valve to the refrigerator.
- Empty the ice bin and remove any existing ice.

2. Access the Old Ice Maker:

- Locate the existing ice maker unit inside the freezer compartment.
- Depending on your refrigerator model, you may need to remove shelves or other components to gain access.

3. Remove the Old Ice Maker:

- Disconnect the wiring harness(es) from the old ice maker. Gently squeeze any locking tabs and pull the connectors apart.
- Unscrew any mounting screws holding the ice maker in place. There are typically 2-3 screws.
- Carefully slide or pull the old ice maker unit out of its mounting brackets.

4. Install the New Ice Maker:

- Position the new D7824706Q ice maker into the mounting location. Ensure it aligns correctly with the water fill tube.
- Secure the new ice maker with the mounting screws. Do not overtighten.
- Connect the appropriate wiring harness(es) from the refrigerator to the new ice maker. Ensure the connections are secure and click into place if applicable. Refer to your refrigerator's original wiring for guidance if needed.



Figure 3: Side view of the ice maker, showing connection points.

5. Restore Power and Water:

- Turn the water supply valve back on. Check for any leaks around the water fill tube.
- Plug the refrigerator back into the electrical outlet or turn on the circuit breaker.

6. Initial Operation:

- The ice maker will typically begin its first cycle within a few hours. Discard the first few batches of ice to flush out any air or impurities from the water line and new unit.
- Allow 24-48 hours for the ice maker to reach full ice production capacity.

5. OPERATING INSTRUCTIONS

The D7824706Q ice maker operates automatically once installed and connected to power and water. It will produce ice until the ice bin is full, at which point the shut-off arm will stop production. When ice is removed, the arm will lower, and production will resume.

- **First Use:** As mentioned in the setup, discard the first few batches of ice.
- **Ice Production Rate:** The rate of ice production can vary based on freezer temperature, ambient room temperature, and frequency of door openings.
- **Shut-off Arm:** Ensure the metal shut-off arm is not obstructed by ice or other items in the freezer, as this will prevent ice production.

6. MAINTENANCE

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

- **Cleaning the 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.
- **Cleaning the Ice Maker:** If mineral deposits or residue build up on the ice maker components, disconnect power and gently wipe the surfaces with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Water 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.

- **Check Water Line:** Occasionally inspect the water supply line for kinks, leaks, or damage.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No ice production	◦ Refrigerator not plugged in or power off ◦ Water supply turned off or kinked line ◦ Ice maker shut-off arm is up ◦ Freezer temperature too high ◦ Clogged water filter	◦ Check power connection and circuit breaker. ◦ Ensure water supply valve is open and line is not kinked. ◦ Lower the shut-off arm. ◦ Adjust freezer temperature to 0°F (-18°C). ◦ Replace water filter if applicable.
Small or hollow ice cubes	◦ Low water pressure ◦ Partially clogged water filter ◦ Water fill tube partially frozen	◦ Check household water pressure. ◦ Replace water filter. ◦ Disconnect power, allow fill tube to thaw, then reconnect.
Ice tastes bad or has odor	◦ Old ice in bin ◦ Unclean ice bin ◦ Food odors in freezer ◦ Expired water filter	◦ Discard old ice. ◦ Clean ice bin thoroughly. ◦ Ensure food is properly sealed in freezer. ◦ Replace water filter.

If these solutions do not resolve the issue, contact customer support or a qualified technician.

8. SPECIFICATIONS

- **Brand:** UpStart Components
- **Model Number:** AP-D7824706Q-DL7957
- **Compatible Part Numbers:** D7824706Q, AP4135008, 68111-1, 68972-1, 68972-4, 8170937, 915772, 95091-1, 95098-1, 95109-1, AH2121513, D7767601, D7824701, D7824702, D7824703, D7824704, D7824705, D7824705Q, D7824706, D7824706QVP, EA2121513, PS2121513, R0154025, R0156629, R0161059, R0161061, R0183135, R0194462, R0194462A, R0194666, R0950064, W10122519, W10190978, Y0056504, Y0056599, Y0056606, Y0312578, Y0312738, Y0312740, Y689724, YR0161061
- **Compatible Refrigerator Models:** Magic Chef RC20LA-3AW-BS09B (and others using W10190978)
- **Manufacturer:** UpStart Components

9. WARRANTY AND SUPPORT

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