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› UpStart Components Refrigerator Ice Maker Replacement Manual

UpStart Components AP-D7824706Q-DL2820

UpStart Components Refrigerator Ice Maker Replacement Manual

Model: AP-D7824706Q-DL2820

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your UpStart Components Replacement D7824706Q Refrigerator Ice Maker. This part is designed to be compatible with Kenmore/Sears 596.73503201 and W10190978 Icemaker models. Please read all instructions carefully before proceeding with installation or use to ensure proper function and safety.



UPStart components

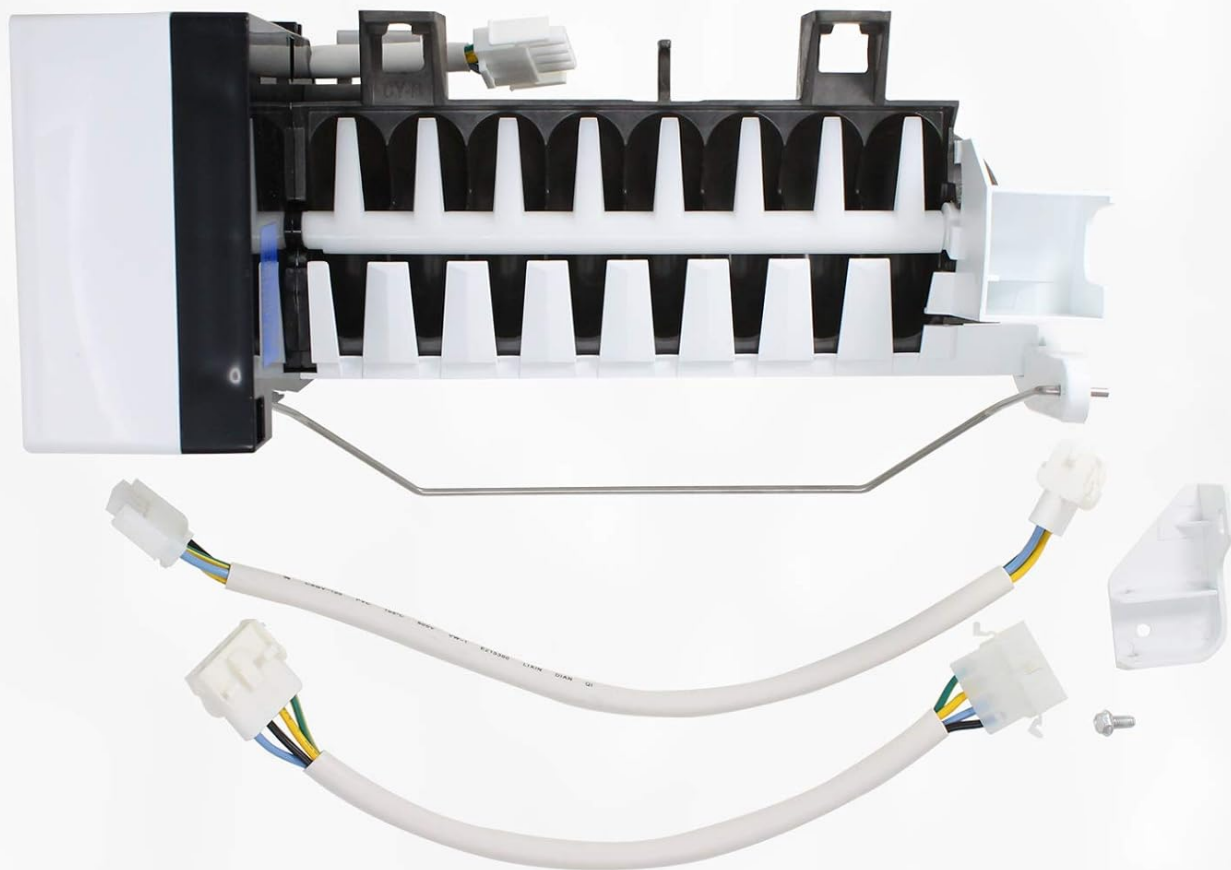


Figure 1.1: UpStart Components Refrigerator Ice Maker with included connecting cables and mounting bracket.

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.
- **Professional Installation Recommended:** If you are not comfortable with appliance repair, it is highly recommended to seek assistance from a qualified technician.
- **Wear Protective Gear:** Use appropriate personal protective equipment, such as gloves and safety glasses, to prevent injury.
- **Handle with Care:** Components may have sharp edges. Handle the ice maker and surrounding parts carefully.
- **Water Shut-off:** If applicable, turn off the water supply to the refrigerator before beginning work to prevent leaks.

3. PRODUCT DESCRIPTION AND FEATURES

The UpStart Components Replacement Ice Maker is a durable, high-quality component designed to restore ice production in compatible refrigerator models. It is an affordable solution to extend the life of your appliance.

Key Features:

- Direct replacement for D7824706Q and compatible with W10190978 Icemaker.
- Constructed from ultra-durable, high-quality materials to resist wear and tear.
- Designed for at-home installation, though professional assistance is recommended for those unfamiliar with appliance repair.
- Ensures consistent ice production for your refrigerator.

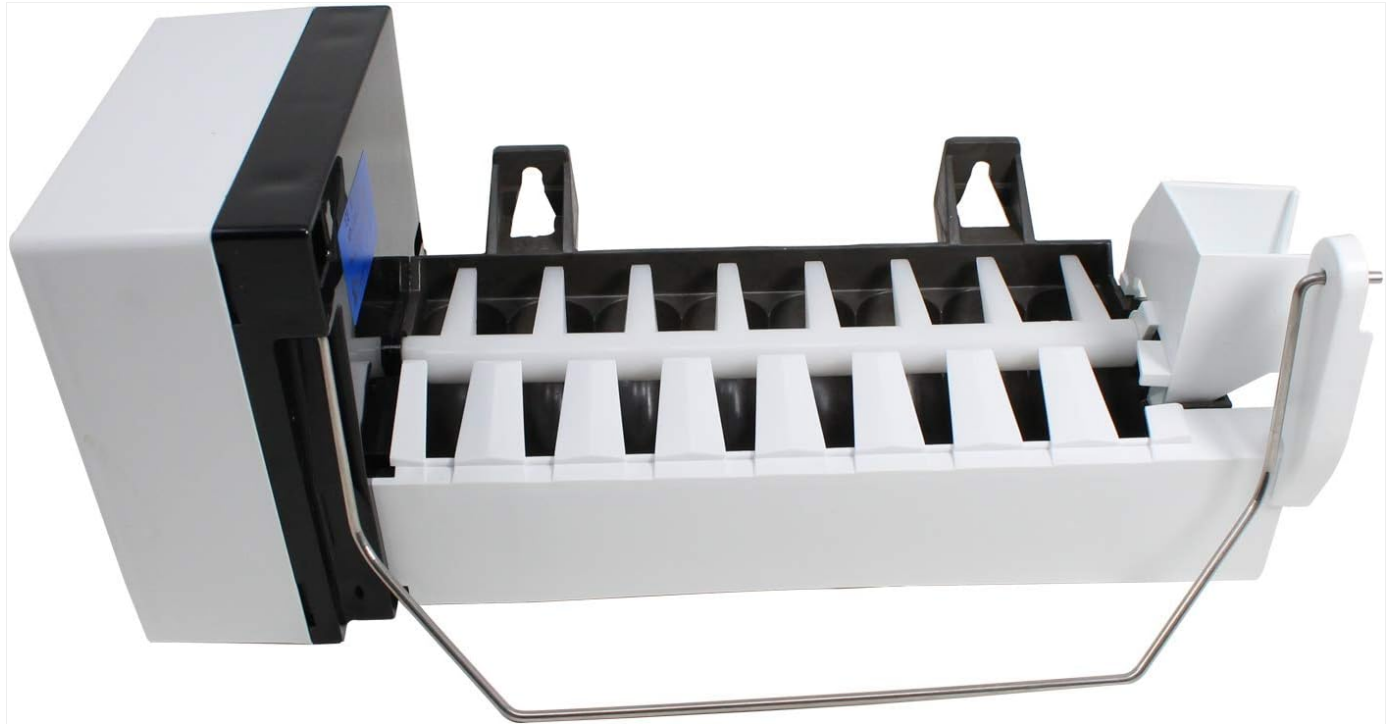


Figure 3.1: Side view of the ice maker, showing the ice mold and internal components.



Figure 3.2: The included connecting cables and mounting bracket, essential for installation.

4. SPECIFICATIONS

Attribute	Value
Brand Name	UpStart Components
Model Info	AP-D7824706Q-DL2820
Item Model Number	AP-D7824706Q-DL2820
Part Number	AP-D7824706Q-DL2820
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
Manufacturer	UpStart Components

5. SETUP AND INSTALLATION

This section outlines the general steps for replacing a refrigerator ice maker. Specific steps may vary depending on your refrigerator model. Always refer to your refrigerator's service manual for detailed instructions.

Before You Begin:

1. Ensure the new ice maker is compatible with your refrigerator model. Check your original part number against the compatible list provided in Section 4.
2. Gather necessary tools, which may include screwdrivers, nut drivers, and pliers.
3. Disconnect the refrigerator from the power supply. Unplug it from the wall outlet or turn off the corresponding circuit breaker.
4. Turn off the water supply to the refrigerator.

Installation Steps:

1. **Access the Ice Maker:** Open the freezer door and locate the existing ice maker. It is typically mounted on the side or top of the freezer compartment.
2. **Remove the Old Ice Maker:**
 - Carefully remove any screws or clips securing the ice maker.
 - Disconnect the electrical wiring harness. There may be one or more connectors.
 - Gently pull the old ice maker out of its mounting position.
3. **Install the New Ice Maker:**
 - Align the new UpStart Components ice maker with the mounting points in the freezer.
 - Connect the electrical wiring harness. Ensure the connectors are fully seated and secure.
 - Secure the ice maker with the screws or clips removed earlier. Ensure it is firmly in place.
4. **Reconnect Power and Water:**
 - Turn the water supply back on. Check for any leaks around the water inlet tube.
 - Plug the refrigerator back into the power outlet or turn on the circuit breaker.

5. **Initial Operation:** Allow several hours for the freezer to reach its optimal temperature and for the ice maker to begin producing ice. The first few batches of ice may be smaller or irregular.



Figure 5.1: Rear view of the ice maker, highlighting the electrical connection points.

6. OPERATING INSTRUCTIONS

Once properly installed and connected, the UpStart Components Refrigerator Ice Maker operates automatically. It will sense when the ice bin is full and stop production, resuming when ice levels drop.

- **Ice Production:** The ice maker will automatically fill with water, freeze it into cubes, and then eject the cubes into the ice storage bin.
- **Shut-off Arm:** Most ice makers have a wire shut-off arm. When the ice bin fills and raises this arm, the ice maker will temporarily stop production. Lowering the arm (by removing ice) will restart production.
- **First Batches:** Discard the first few batches of ice after installation to ensure any residual manufacturing dust or impurities are flushed out.

7. MAINTENANCE

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

- **Clean Ice Bin:** Periodically empty and wash the ice storage bin with mild soap and warm water. Rinse thoroughly and dry completely before returning it to the freezer.
- **Inspect Water Line:** Occasionally check the water supply line for kinks, leaks, or blockages.
- **Filter Replacement:** If your refrigerator has a water filter, ensure it is replaced according to the manufacturer's recommendations to maintain water quality and ice maker performance.
- **Dust and Debris:** Keep the area around the ice maker clean and free of dust or food debris.

8. TROUBLESHOOTING

If your ice maker is not functioning as expected, consult the following troubleshooting guide. Always disconnect power before inspecting internal components.

Problem	Possible Cause	Solution
Ice maker not producing ice	• No water supply • Shut-off arm in 'off' position • Freezer temperature too high • Clogged water filter • Faulty water inlet valve	• Ensure water supply is on and line is not kinked. • Lower the shut-off arm. • Verify freezer temperature is set to 0°F (-18°C) or colder. • Replace water filter if due. • Inspect water inlet valve for proper function.
Ice cubes are small or hollow	• Low water pressure • Clogged water filter • Partially frozen water line	• Check household water pressure. • Replace water filter. • Thaw water line if frozen.
Ice maker is leaking	• Loose water line connection • Cracked water fill tube • Overfilling ice maker	• Tighten water line connections. • Inspect fill tube for damage. • Ensure ice maker is not overfilling (may require professional adjustment).
Ice tastes bad or has odor	• Old ice in bin • Unclean ice bin • Expired water filter • Food odors in freezer	• Discard old ice and clean bin. • Replace water filter. • Store odorous foods in airtight containers.

If troubleshooting steps do not resolve the issue, it may indicate a more complex problem requiring professional diagnosis and repair.

9. WARRANTY AND SUPPORT INFORMATION

Any warranties for this product are offered solely by UpStart Components. For specific warranty terms, conditions, or to obtain support, please refer to the warranty documentation included with your purchase or contact UpStart Components directly through their official customer service channels.

When contacting support, please have your product model number (AP-D7824706Q-DL2820) and purchase information readily available.

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