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› ERP /

› ERP 4317943L Ice Maker Instruction Manual

ERP EV06107

ERP 4317943L Ice Maker Instruction Manual

Model: EV06107

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your new ERP 4317943L Ice Maker. This ice maker is designed as a replacement part for various refrigerator models. Please read this manual thoroughly before installation and use to ensure proper function and safety.

The ERP 4317943L Ice Maker replaces several part numbers, including but not limited to: 4317943, 482990, 625601, 625603, 625610, 625611, 625622, 625625, 625653, 625656, 625660, 626002, 626201, 626237, 626366, 626461, 626489, 626608, 626609, 626626, 626636, 626640, 626670, 626687, 627572, 68972-4, 797991, 8114, 833701, 978552, 978553, 978556, 99989730, AP2984633, M626687, W10122496, W10190952, W10281545, W10632400, 1857, 4210317, 4211173, 4317943R, 4317943VP, 46000978556, 46004211173, 480616, 480617.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when installing or servicing any appliance part. Failure to do so may result in electric shock, fire, or personal injury.

- **Disconnect Power:** Always unplug the refrigerator from the power outlet before attempting any installation, repair, or maintenance.
- **Qualified Personnel:** Installation and repairs should ideally be performed by a qualified technician. If performing yourself, ensure you understand all steps.
- **Wear Protective Gear:** Use gloves and eye protection when handling tools and components.
- **Check for Leaks:** After installation, check all water connections for leaks before fully restoring power and closing the appliance.

3. PARTS INCLUDED

Your ERP 4317943L Ice Maker package typically includes the following components:

- Ice Maker Assembly
- Multiple Wiring Harnesses
- Mounting Hardware (screws, clips, bracket)
- Instruction Manual (this document)



Figure 3.1: Included wiring harnesses and mounting hardware.

4. INSTALLATION INSTRUCTIONS

This section outlines the general steps for installing the ERP 4317943L Ice Maker. Specific steps may vary slightly depending on your refrigerator model. Refer to your refrigerator's service manual for detailed instructions if available.

4.1. Preparation

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet.
2. **Access Ice Maker Compartment:** Open the freezer door and locate the existing ice maker or the designated area for installation. You may need to remove the ice bucket and any shelves obstructing access.
3. **Remove Old Ice Maker (if applicable):** Carefully disconnect the wiring harness and water line from the old ice maker. Unscrew any mounting screws and remove the old unit.

4.2. New Ice Maker Installation

1. **Adapt for Fit:** The ERP 4317943L is designed for universal fit. You may need to remove specific plastic tabs or perforations on the ice maker unit to match your refrigerator's mounting configuration. Use appropriate tools carefully to avoid damage.
2. **Select Wiring Harness:** Identify the correct wiring harness from the included selection that matches your refrigerator's connector. Connect it securely to the new ice maker.
Note: In some cases, the provided wiring harnesses may be shorter than the original. You might need to reuse your refrigerator's original wiring harness if it is compatible and longer.
3. **Mount the Ice Maker:** Position the new ice maker in the compartment. Secure it using the provided mounting screws and bracket, or reuse existing hardware if compatible. Ensure it is level and stable.
4. **Connect Water Line:** Reconnect the water supply line to the ice maker. Ensure a tight connection to prevent leaks.
5. **Final Checks:** Double-check all connections (electrical and water) for security.

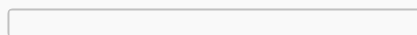


Figure 4.1: Main view of the ERP 4317943L Ice Maker.



Figure 4.2: Side view of the ice maker, showing the ice ejector and water fill cup.



Figure 4.3: Front view of the ice maker, showing the ice mold and harvest arm.

4.3. Post-Installation

1. **Restore Power:** Plug the refrigerator back into the electrical outlet.
2. **Initial Ice Production:** The ice maker will typically begin producing ice within 2-3 hours, though the first few batches may be smaller or irregularly shaped. Discard the first 2-3 batches of ice to flush the water lines.

3. **Check for Leaks:** Monitor the water connections for any signs of leakage over the next 24 hours.

5. OPERATION

The ERP 4317943L Ice Maker operates automatically once installed and connected to power and water supply.

- **Ice Production Cycle:** The ice maker fills with water, freezes it into cubes, and then ejects the cubes into the ice bucket. This cycle repeats as long as the ice maker is on and the ice bucket is not full.
- **On/Off Lever:** Most ice makers feature a metal shut-off arm or lever.
 - **On:** When the lever is in the down position, the ice maker will produce ice.
 - **Off:** When the lever is in the up position, the ice maker will stop producing ice. This is useful if you need to temporarily stop ice production or remove the ice bucket for an extended period.
- **Ice Level Sensor:** The ice maker automatically stops producing ice when the ice bucket is full, indicated by the ice level reaching the shut-off arm. Ensure that ice does not pile up excessively high, which can interfere with the shut-off arm's movement.

6. MAINTENANCE

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

- **Cleaning:** Periodically clean the ice bucket with mild soap and warm water. Rinse thoroughly and dry completely before returning it to the freezer.
- **Inspect Water Line:** Check the water supply line for any kinks, blockages, or leaks.
- **Clear Ice Build-up:** If ice builds up around the ice maker mechanism or in the water fill hole, carefully remove it after disconnecting power. Excessive build-up can prevent proper operation.

7. TROUBLESHOOTING

If your ERP 4317943L Ice Maker is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
No ice production	<ul style="list-style-type: none"> Refrigerator not plugged in or power outage. Ice maker shut-off arm is in the "off" (up) position. Water supply to the refrigerator is turned off or frozen. Water fill tube is frozen or clogged. Ice bucket is full, preventing the shut-off arm from lowering. Faulty water inlet valve. 	<ul style="list-style-type: none"> Ensure refrigerator is plugged in and receiving power. Lower the shut-off arm to the "on" (down) position. Check water supply valve behind the refrigerator. Disconnect power, thaw the fill tube with a hairdryer (low heat) or allow to thaw naturally. Empty the ice bucket. Contact a qualified technician for diagnosis and replacement.
Small or misshapen ice cubes	<ul style="list-style-type: none"> Low water pressure. Partially clogged water filter. Water fill tube partially frozen. 	<ul style="list-style-type: none"> Check household water pressure. Replace the refrigerator's water filter. Disconnect power, thaw the fill tube.
Ice maker makes noise but no ice	<ul style="list-style-type: none"> No water supply. Water inlet valve issue. 	<ul style="list-style-type: none"> Check water supply valve. Contact a qualified technician.

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

8. SPECIFICATIONS

- **Model Number:** EV06107
- **Part Number:** 4317943L
- **Brand:** ERP
- **Item Weight:** 2.7 pounds
- **Product Dimensions:** 12 x 5.25 x 5.25 inches
- **Color:** White/Off-White
- **Included Components:** Ice maker, multiple wiring harnesses, mounting hardware, manual

9. WARRANTY AND SUPPORT

Warranty: The ERP 4317943L Ice Maker comes with a one-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

Customer Support: For technical assistance, warranty claims, or further inquiries, please contact ERP customer support through their official website or the retailer where the product was purchased.