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› TOMOON 241798231 Ice Maker Assembly and WR57X10033 Refrigerator Water Inlet Valve Instruction Manual

TOMOON 241798231, WR57X10033

TOMOON Ice Maker Assembly and Water Inlet Valve Instruction Manual

MODELS: 241798231, WR57X10033

Brand: TOMOON

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TOMOON 241798231 Ice Maker Assembly and WR57X10033 Refrigerator Water Inlet Valve. These components are designed to replace original parts in compatible refrigerators, including various Kenmore and Frigidaire models. Please read this manual thoroughly before beginning any installation or repair work.

SAFETY INFORMATION

- Always disconnect power to the refrigerator before attempting any installation, repair, or maintenance.
- Turn off the water supply to the refrigerator before working on the water inlet valve or ice maker.
- Wear appropriate personal protective equipment, such as gloves, during installation.
- If you are unsure about any step, consult a qualified technician.

PRODUCT COMPONENTS

The product includes the following components:

- **241798231 Ice Maker Assembly:** This unit is responsible for freezing water into ice cubes and dispensing them. It replaces part numbers such as 241798231 and 241798224.
- **WR57X10033 Refrigerator Water Inlet Valve:** This valve controls the flow of water into the ice maker and water dispenser. It replaces part numbers such as WR57X110 and WR57X0102.

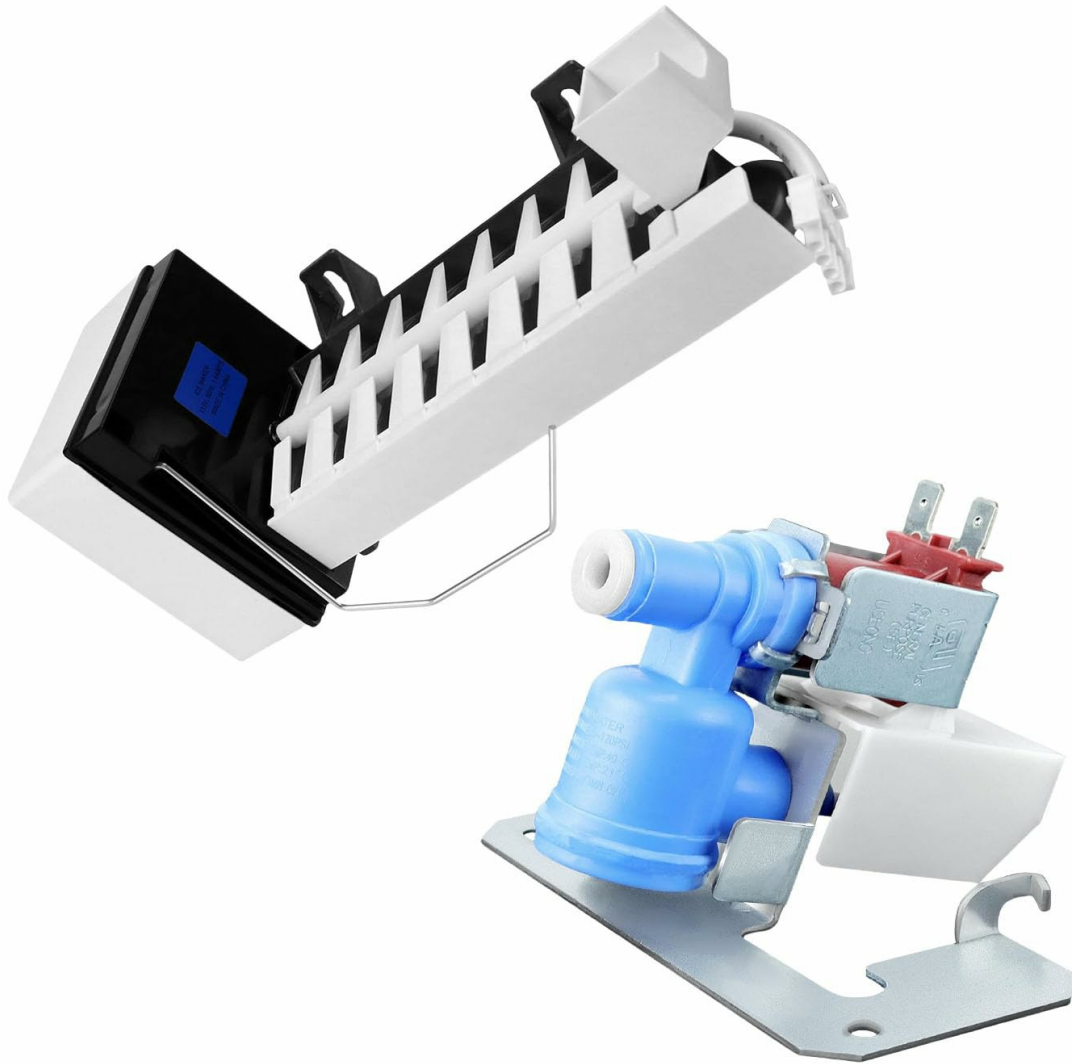


Figure 1: Overview of the TOMOON 241798231 Ice Maker Assembly and WR57X10033 Refrigerator Water Inlet Valve.

INSTALLATION INSTRUCTIONS

1. Preparing for Installation

1. Disconnect the refrigerator from the electrical power supply.
2. Turn off the water supply to the refrigerator.
3. Carefully move the refrigerator away from the wall to access the rear panel if necessary.

2. Replacing the Water Inlet Valve (WR57X10033)



Figure 2: The WR57X10033 Refrigerator Water Inlet Valve.

1. Locate the existing water inlet valve, typically at the back of the refrigerator.
2. Disconnect the water lines and electrical connections from the old valve. Be prepared for some residual water.
3. Remove the mounting screws or clips securing the old valve.
4. Install the new WR57X10033 valve in the same position, securing it with the original hardware.
5. Reconnect the water lines and electrical connections. Ensure all connections are secure to prevent leaks.

3. Replacing the Ice Maker Assembly (241798231)



Figure 3: The 241798231 Ice Maker Assembly.

1. Open the freezer door and locate the existing ice maker.
2. Disconnect the electrical harness from the old ice maker.
3. Remove the mounting screws that hold the ice maker in place.
4. Carefully remove the old ice maker assembly.
5. Install the new 241798231 ice maker assembly, aligning it with the mounting points.
6. Secure the new ice maker with the mounting screws.
7. Reconnect the electrical harness to the new ice maker.

4. Post-Installation Steps

1. Turn the water supply back on. Check for any leaks around the water inlet valve connections.
2. Plug the refrigerator back into the electrical outlet.
3. Allow several hours for the ice maker to begin producing ice. Discard the first few batches of ice to ensure cleanliness.

OPERATING INSTRUCTIONS

The TOMOON 241798231 Ice Maker Assembly features automated ice making and automatic water filling.



EXCLUSIVE DESIGN



8pcs/1time



30lbs/45min

Figure 4: Automated Ice Making features, including adjustable ice cube size and automatic water filling.

- **Automatic Operation:** Once installed and connected to power and water, the ice maker will automatically fill with water and begin the ice production cycle.
- **Ice Production:** The ice maker is designed to produce approximately 8 pieces of ice per cycle, with a capacity of up to 30 lbs in 45 minutes under optimal conditions.
- **Adjustable Ice Cube Size:** Some models may feature an adjustable mechanism for ice cube size. Refer to your refrigerator's specific controls for this function.
- **Shut-off Mechanism:** The ice maker includes a shut-off arm or sensor that stops ice production when the ice bin is full. Ensure this arm is not obstructed.

MAINTENANCE

- **Cleaning the Ice Maker:** Periodically clean the ice maker and ice bin with a mild soap and water solution. Rinse thoroughly and dry before reinstallation. The ice maker molds are made of food-grade plastic.
- **Checking for Leaks:** Regularly inspect the water lines and connections around the water inlet valve for any signs of leaks. Address any leaks immediately to prevent water damage.
- **Clear the Ice Bin:** Ensure the ice bin is not overfilled, which can obstruct the ice maker's shut-off

mechanism.

TROUBLESHOOTING

This section addresses common issues you might encounter with your ice maker and water inlet valve.

Problem	Possible Cause	Solution
Ice maker does not make ice / Non-icing	<ul style="list-style-type: none">• No water supply to the refrigerator.• Water inlet valve is faulty or clogged.• Ice maker arm is in the 'off' position or obstructed.• Freezer temperature is too high.• Faulty ice maker motor or sensor.	<ul style="list-style-type: none">• Ensure water supply is on and connected.• Check water inlet valve for proper function and clear any obstructions.• Lower the freezer temperature to 0°F (-18°C).• Ensure the ice maker arm is in the 'on' or down position.• Verify electrical connections to the ice maker.
Water leakage	<ul style="list-style-type: none">• Loose water line connections at the valve.• Cracked water line.• Faulty water inlet valve.• Clogged drain tube in the freezer.	<ul style="list-style-type: none">• Tighten all water line connections.• Inspect water lines for damage and replace if necessary.• Replace the water inlet valve if it is leaking internally.• Clear any clogs in the freezer drain tube.
Ice maker does not turn off	<ul style="list-style-type: none">• Ice maker shut-off arm is stuck or obstructed.• Faulty ice level sensor.	<ul style="list-style-type: none">• Ensure the shut-off arm can move freely and is not blocked by ice.• Clear any ice buildup around the sensor.
Ice maker not dispensing ice	<ul style="list-style-type: none">• Ice is frozen together in the bin.• Dispenser chute is clogged.• Faulty dispenser mechanism (if applicable to your refrigerator model).	<ul style="list-style-type: none">• Break up any clumps of ice in the bin.• Clear any ice blockages in the dispenser chute.
Loud noise from ice maker	<ul style="list-style-type: none">• Normal operation sounds.• Ice maker components are worn or misaligned.	<ul style="list-style-type: none">• Some operational noise is normal.• If noise is excessive or new, inspect for loose parts or obstructions.

SPECIFICATIONS

- **Ice Maker Model:** 241798231 (replaces 241798224, 241642501, etc.)
- **Water Inlet Valve Model:** WR57X10033 (replaces WR57X110, WR57X0102, etc.)
- **Ice Maker Material:** Food-grade plastic molds.
- **Water Inlet Valve Material:** Solid ABS plastic and copper.
- **Water Pressure Range (Valve):** 20-120 PSI (as indicated on the valve).

Compatible Models

This product is compatible with various refrigerator models from brands such as GE, Kenmore, and Hotpoint. Examples include:

COMPATIBLE MODELS



Brands & Models

GE	Kenmore	Hotpoint
CTX21BIXPRWW	GTS16BCSELCC	GTS17BCMBRWW
GDL20KCSABS	GTS17BCMBLAA	GTS17BCMDLAA
GDS20KCSAWW	GTS17BCMBLWW	GTS17BCMDLCC
GDS20KCSBWW	GTS17BCMBRAA	GTS17BCMDLWW
GDS20SBSDSS	GTS17BCMBRCC	GTS17BCMDRAA

For more models, please contact us!

Replace Parts	WR57X110	WR57X0102	WR57X102	WR57X90	WR57X95	WR57X93	WR57X96	WR57X0090
	WR57X0095	WR57X0110	WR57X0096	IMV469	SWR57X93	WR57X10015	WR57X10034	IMV-469
	SWR57X0090	SWR57X90	SWR57X0090	WR57X0093	WR57X0093	WR57X10075	WR57X10049	WR57X10063
								WR57X21266

Figure 5: Partial list of compatible refrigerator models and replacement part numbers.

For a comprehensive list of compatible models, please refer to the product listing or contact customer support.

WARRANTY AND SUPPORT

If you have any questions regarding the TOMOON 241798231 Ice Maker Assembly or WR57X10033 Refrigerator Water Inlet Valve, please contact our customer service team for assistance. We are committed to providing support for our products.

