



Manuals.plus /

› Mintu /

› Mintu Refrigerator Water Inlet Valve Replacement Manual for KitchenAid KRFF507HPS00 and Compatible Models

Mintu KRFF507HPS00

Mintu Refrigerator Water Inlet Valve Replacement Manual

Model: KRFF507HPS00

INTRODUCTION

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of the Mintu Refrigerator Water Inlet Valve, model KRFF507HPS00. This valve is a critical component for controlling water flow to your refrigerator's ice maker and water dispenser. Proper installation and maintenance ensure optimal performance and longevity.

PRODUCT OVERVIEW

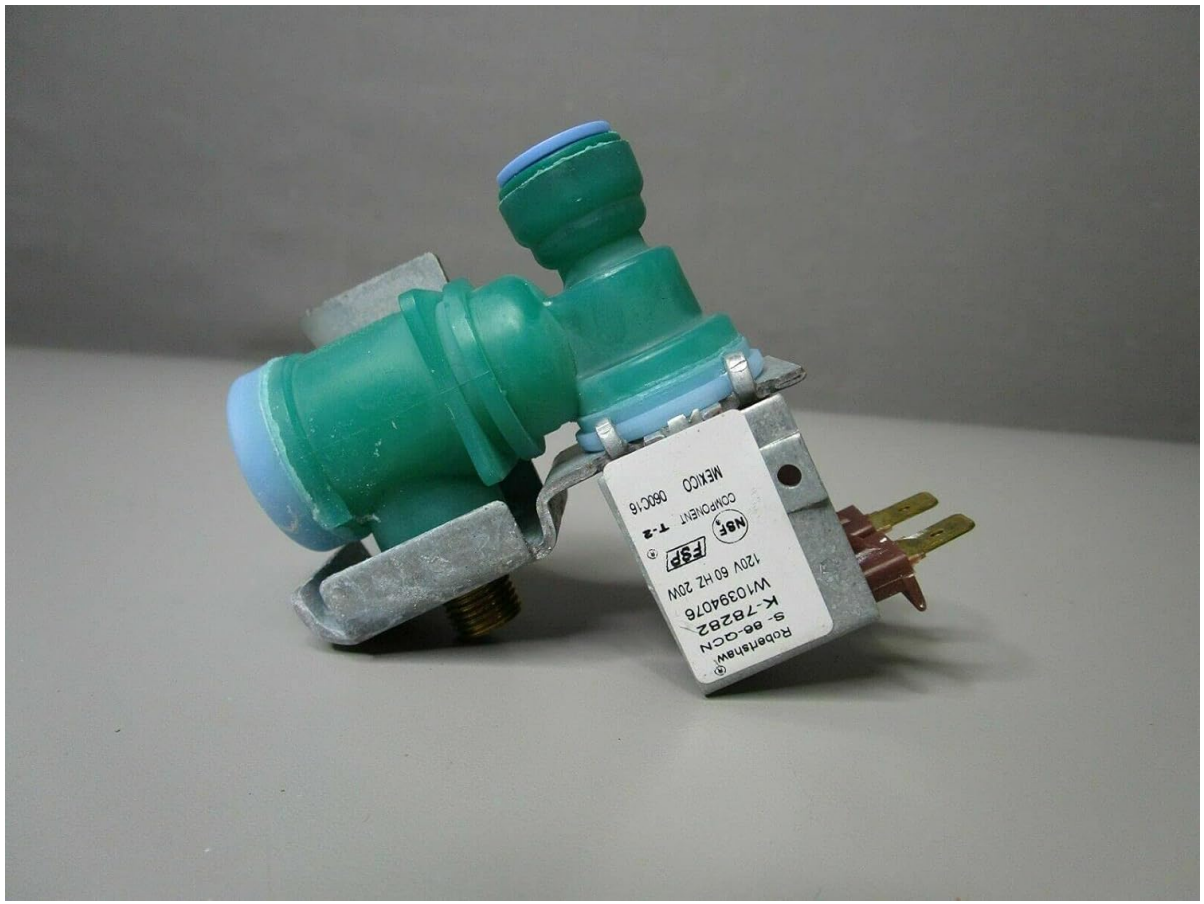


Figure 1: Mintu Refrigerator Water Inlet Valve, model KRFF507HPS00. This image displays the valve's main components, including the solenoid, brass fitting, and water line connections.

The Mintu Water Inlet Valve (part number W10394076, K-78282) is designed to replace original equipment manufacturer (OEM) parts in various refrigerator models. It features a durable construction with a brass valve core and upgraded ABS housing, ensuring reliable and long-lasting performance. The valve operates at 120V, 60Hz, and 20W, and is NSF certified.

Key Features:

- **High-Quality Materials:** Constructed with a high-quality brass valve core and upgraded ABS housing for enhanced durability.
- **Good Sealing Performance:** Designed to prevent leaks and ensure efficient water flow.
- **Robust Construction:** Not prone to aging or easy clogging, contributing to a longer service life.
- **Electrical Specifications:** Operates at 120V, 60Hz, 20W.

Product Feature Video:

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Video 1: This video provides a visual overview of the W10394076 Refrigerator Water Inlet Valve, highlighting its size, compatible part numbers, and key features such as high-quality brass valve core and upgraded ABS housing.

COMPATIBILITY

This water inlet valve is compatible with a wide range of refrigerator models from various brands. Please verify your refrigerator's model number against the list below or consult your appliance's documentation to ensure compatibility.

Replaces Part Numbers:

- W10394076
- W10865826
- K-78282
- WPW10394006
- AP6020840
- AP6026312
- PS11738056
- PS11754160
- W10726788
- W10833705
- W10872966
- IMV-8100
- W10238100
- W10498992
- W11512399
- AP6017532
- PS11750831
- K-77473
- 1872938
- AP4537880
- EA2579779
- PS16543415
- EAP16543415
- PD00074166
- PS2579779
- AH2579779

Compatible Refrigerator Brands and Models (Partial List):

- **KitchenAid:** KFIS29BBBL01, KFIS29BBMS01, KRFC604FSS00, KRFF507HPS00, KRMF606ESS00, etc.
- **Kenmore:** 596.72382410, 596.72383410, 596.72389410, etc.
- **Jenn-Air:** JFFCC72EFP00, JFX2897DRM00, etc.
- **Maytag:** 7MF2976AEM00, MFT2574DEE00, MFT2672AEB10, MFX2876DRE00, etc.
- **Whirlpool:** 7WF736SDAM10, IX7DDEXDSM0, etc.

SETUP AND INSTALLATION

Replacing the water inlet valve is a straightforward process that can typically be completed in about 10 minutes. Always prioritize safety by disconnecting power and water supply before beginning any repair.

Required Tools:

- 1/4 inch Nut Driver
- Flathead Screwdriver
- Towel (to manage potential water leaks)

Installation Steps:

1. **Disconnect Power:** Unplug the refrigerator from the electrical outlet.

2. **Turn Off Water Supply:** Locate and turn off the main water supply valve to the refrigerator.
3. **Access the Valve:** Move the refrigerator away from the wall. Remove the bolts at the bottom of the rear panel to access the water inlet valve.
4. **Separate Water Lines:** Press the valve's locking collar to separate the water line tube from the old valve. Be prepared for some water to leak, so have a towel ready.
5. **Disconnect Wiring:** Use a flathead screwdriver to carefully remove the wire connector from the old valve.
6. **Remove Old Valve:** Separate the old valve from its mounting frame.
7. **Install New Valve:** Connect the new Mintu water inlet valve by reversing the removal steps. Ensure all connections are secure.
8. **Reconnect Water and Power:** Turn on the water supply and check for leaks. Plug the refrigerator back into the electrical outlet.

Installation Guide Video:

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Video 2: This video demonstrates the process of replacing a refrigerator water inlet valve, including disconnecting the old valve and installing a new one. It emphasizes the simplicity of the replacement process.

OPERATION

Once installed, the water inlet valve operates automatically to regulate the flow of water to your refrigerator's ice maker and water dispenser. It opens to allow water to enter when the ice maker calls for water or when the dispenser lever is activated, and closes to prevent flow when not needed.

MAINTENANCE

Regular maintenance is not typically required for the water inlet valve itself. However, it is advisable to periodically check for any signs of leaks around the valve and its connections. If any leaks are detected, immediately turn off the water supply and power to the refrigerator and inspect the connections or replace the valve if necessary.

TROUBLESHOOTING

If your refrigerator's ice maker or water dispenser is not functioning correctly, the water inlet valve may be the cause. Here are common issues and their potential solutions:

- **No Water to Ice Maker or Dispenser:** This often indicates a faulty water inlet valve that is not opening to allow water flow. Check for kinks in the water line or a clogged valve.
- **Water Leaking from Under Refrigerator:** A leaking water inlet valve can cause water to accumulate under the appliance, potentially damaging the floor. Inspect the valve for cracks or loose connections.
- **Low Water Pressure:** If water flow is significantly reduced, the valve might be partially clogged or failing.

In most cases, if the valve is determined to be faulty, replacement is the recommended solution.

SPECIFICATIONS

Feature	Detail
Brand	Mintu
Part Number	KRFF507HPS00 (also W10394076, K-78282)
Connector Type	Threaded
Material	Brass, Stainless Steel
Number of Ports	2
Voltage	120V
Frequency	60 Hz
Wattage	20W
ASIN	B09HJV2TY8

WARRANTY AND SUPPORT

For any questions regarding this product, installation, or troubleshooting, please contact Mintu customer support through the Amazon platform. While specific warranty details are not provided in this manual, please refer to your purchase documentation or contact the seller for warranty information.