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## Masterpart 869406P, 847312

# Masterpart Water Filter Manifold Head User Manual

For Fisher & Paykel Refrigerators Models E402BRXFDU4, E402BRXFDU5, and others

## PRODUCT OVERVIEW

The Masterpart Water Filter Manifold Head is an original replacement part designed for specific Fisher & Paykel refrigerator models. This component is crucial for the proper functioning of your refrigerator's water filtration system, ensuring clean and filtered water dispensing.

Manufacturer Part Numbers: **869406P, 847312**.

Compatible with a range of Fisher & Paykel refrigerator models, including but not limited to: E402BRXFDU4, E402BRXFDU5, E442BLXFDJ5, E442BRXFD45, E522B45, RF135BD4, RF135BLPJX6, RF135BRPJX6, RF170AD45, RF170BLPUXX6, RF170BRPUX6, RF170W6, RF170WD5, RF201A15, RF442BR567, RF522AD5, RF522BLXFDU5, RF522BR567, RF522WDLUX4, RF522WDLUX5, RF522WDRU45, RF540A5, RF540ADU456, RF610A5, RF610AD56, RS36A72U1, RS36A80U1, RS36W80RU1, S9120WRU1.

## SAFETY INFORMATION

- Always disconnect power to the refrigerator before attempting any installation or maintenance.
- Turn off the water supply to the refrigerator before beginning installation.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Ensure all connections are secure and leak-free after installation.
- If you are unsure about any step, consult a qualified technician.

## SETUP AND INSTALLATION

This section outlines the general steps for replacing or installing the water filter manifold head. Specific steps may vary slightly depending on your refrigerator model. Refer to your refrigerator's specific service manual for detailed instructions if needed.

### 1. Preparation:

- Disconnect the refrigerator from the main power supply.
- Turn off the water supply valve to the refrigerator.
- Locate the existing water filter manifold head, typically found behind the kick plate or inside the refrigerator

compartment.

## **2. Removal of Old Unit:**

- Place a towel or shallow pan underneath the manifold to catch any residual water.
- Carefully disconnect the water lines from the old manifold head. Note the orientation of the lines (inlet/outlet) for reinstallation.
- Unmount the old manifold head from its securing brackets or clips.

## **3. Installation of New Unit:**

- Mount the new Masterpart water filter manifold head (part numbers 869406P, 847312) into the designated position. Ensure it is securely fastened.
- Reconnect the water lines to the new manifold head. Ensure the inlet and outlet lines are connected correctly. Push the lines firmly into the quick-connect fittings until they are seated.
- Verify all connections are tight and secure.

## **4. Post-Installation:**

- Slowly turn on the water supply valve to the refrigerator.
- Check for any leaks around the newly installed manifold head and connections. If leaks are present, turn off the water, re-seat the lines, and re-check.
- Reconnect the refrigerator to the main power supply.
- Run water through the dispenser for several minutes (e.g., 3-5 minutes or 1-2 gallons) to flush out any air or carbon fines from the system.



*Image 1: Top view of the Masterpart Water Filter Manifold Head with coiled tubing. This image shows the overall component, including the main black manifold body and the attached water lines, coiled for packaging.*



*Image 2: Angled view of the Masterpart Water Filter Manifold Head. This perspective highlights the connection points and the internal structure of the manifold, showing where the water filter would attach.*



*Image 3: Side view of the Masterpart Water Filter Manifold Head. This image provides a clearer look at the tubing connections and the overall compact design of the manifold.*

## OPERATING INSTRUCTIONS

Once the Masterpart Water Filter Manifold Head is correctly installed, its operation is integrated with your refrigerator's water dispensing and ice making functions. The manifold head itself does not require direct user interaction for operation beyond its initial installation.

- **Water Dispensing:** To dispense filtered water, use your refrigerator's water dispenser as usual. The manifold head ensures water flows through the connected filter before reaching the dispenser.
- **Ice Production:** The manifold also routes water to the ice maker. Ensure the ice maker is turned on and the water

supply is active for continuous ice production.

- **Filter Replacement:** The manifold head is designed to hold a compatible water filter cartridge. Refer to your refrigerator's user manual or the filter cartridge instructions for the recommended replacement schedule (typically every 6 months or 200 gallons, whichever comes first).

## MAINTENANCE

Regular maintenance of the water filter system, primarily the replacement of the water filter cartridge, is essential for optimal performance and water quality. The manifold head itself requires minimal maintenance.

- **Water Filter Cartridge Replacement:**

The manifold head is designed to work with specific water filter cartridges. Replace the filter cartridge according to the manufacturer's recommendations (e.g., every 6 months). Failure to replace the filter can lead to reduced water flow, poor water quality, and potential damage to the refrigerator's water system.

- **Leak Inspection:**

Periodically inspect the connections around the manifold head for any signs of leaks. Address any leaks immediately by turning off the water supply and re-seating or replacing the affected connections.

- **Cleaning:**

The exterior of the manifold head can be wiped clean with a damp cloth if necessary. Do not use harsh chemicals or abrasive cleaners.

## TROUBLESHOOTING

This section provides guidance for common issues related to the water filter manifold head. For more complex problems, consult your refrigerator's service manual or a qualified technician.

| Problem   | Possible Cause  | Solution   |
|---|---|--|
| <b>No water or slow water flow from dispenser</b> | Clogged water filter cartridge<br>Kinked water line<br>Water supply valve closed<br>Air in the system | Replace the water filter cartridge.<br>Check water lines for kinks and straighten them.<br>Ensure the water supply valve to the refrigerator is fully open.<br>Dispense water for 3-5 minutes to purge air.      |
| <b>Water leaking from manifold connections</b>    | Loose water line connection<br>Damaged O-ring or fitting<br>Improperly seated water line              | Turn off water supply and power. Re-seat water lines firmly into the manifold.<br>Inspect O-rings and fittings for damage. Replace if necessary.<br>Ensure lines are fully inserted into quick-connect fittings. |
| <b>Poor water taste or odor</b>                   | Expired or clogged water filter cartridge<br>New filter not flushed adequately                        | Replace the water filter cartridge.<br>Flush 1-2 gallons of water through the dispenser after filter replacement.  |

## SPECIFICATIONS

| Attribute | Detail |
|-----------|--------|
|-----------|--------|

| Attribute                 | Detail  |
|---------------------------|---|
| Brand                     | Masterpart  |
| Product Type              | Water Filter Manifold Head  |
| Manufacturer Part Numbers | 869406P, 847312   |
| Material                  | Plastic   |
| Dimensions (L x W x H)    | Approximately 5 x 24 x 25 cm (as per product data, note this might be packaging dimensions) |
| Item Weight               | Approximately 25 grams  |
| Compatibility             | Fisher & Paykel Refrigerators (Specific models listed in Product Overview)                  |

## WARRANTY AND SUPPORT

As an original replacement part, the Masterpart Water Filter Manifold Head is typically covered by the warranty provided by the seller or the manufacturer of the part. Please retain your proof of purchase for any warranty claims.

- Warranty Information:** For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact the seller directly.
- Technical Support:** For technical assistance regarding installation or troubleshooting beyond the scope of this manual, it is recommended to contact a qualified appliance technician or the manufacturer of your Fisher & Paykel refrigerator.
- Replacement Parts:** Ensure to use genuine Masterpart replacement parts or equivalent compatible parts for optimal performance and to maintain warranty validity.

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