

## **FILTER TECH CHP-06EL, CHP-06ER, CHP-06EU**

# **FILTER TECH 7EA Replacement Water Filter Set User Manual**

Models: CHP-06EL, CHP-06ER, CHP-06EU

## **1. INTRODUCTION**

This manual provides essential information for the installation, operation, and maintenance of your FILTER TECH 7EA Replacement Water Filter 1 Year Set. This set is designed to provide clean, filtered water for compatible water purifier models CHP-06EL, CHP-06ER, and CHP-06EU. Please read these instructions carefully before proceeding with installation or maintenance to ensure optimal performance and safety.

## **2. PRODUCT OVERVIEW**

The FILTER TECH 7EA Replacement Water Filter 1 Year Set includes a comprehensive collection of filters necessary for a full year of water purification. This set typically includes multiple Sediment filters, an RO Membrane filter, and a Post Carbon filter, designed to work in sequence to remove various impurities from your water.

## Filtertech Economical Water Purifier Filter Set

Compatible Models: CHP-06EL, CHP-06ER, CHP-06EU



Image: The FILTER TECH 7-filter 1-year set, illustrating the Sediment, RO Membrane, and Post Carbon filters included.

The filters are specifically designed for compatibility with CHP-06EL, CHP-06ER, and CHP-06EU water purifier models, ensuring a precise fit and effective filtration.

### 01 SEDIMENT FILTER



Filter material: polypropylene (PP)

Exchange period: 3~4 months

Country of manufacture: Korea



Manufacturer: Filter Tech

Effective water volume: 3,000 L

Maximum flow rate: 3L/min

Maximum allowable water pressure: 8kgf/cm<sup>2</sup>

Maximum raw water temperature: 40°C

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Image: The FILTER TECH Economical Water Purifier Filter Set, highlighting its compatibility with CHP-06EL, CHP-06ER, and CHP-06EU models.

## 3. SETUP AND INSTALLATION

Proper installation is crucial for the performance of your water filter system. Always refer to your water purifier's specific manual for detailed instructions on accessing and replacing filters.

### 3.1 RO Filter Installation Precaution

When installing Reverse Osmosis (RO) filters, it is essential to pay close attention to the inlet, outlet, and waste water outlet locations. These can vary significantly between different water purifier filter manufacturers. Incorrect installation may lead to leaks or improper filtration.



Image: A diagram illustrating the correct flow direction, inlet, outlet, and drain connections for an RO membrane filter. Note the importance of verifying these connections for your specific system.

### 3.2 Check Inlet and Outlet Connections

Before installing any filter, verify whether the inlet and outlet ports are one-way or two-way. This ensures proper water flow through the filter stages.

### RO MEMBRANE FILTER



Filter material: polyamide

Exchange period: 18~24 months

Country of manufacture: Korea

Manufacturer: Filter Tech

Effective water volume: 3,000 L

Maximum flow rate: 3L/min

Maximum allowable water pressure: 8kgf/cm2

Maximum raw water temperature: 40°C

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Image: Illustrations demonstrating various inlet and outlet configurations for water filters, including one-way and two-way connections, and a drain port for RO membranes.

### 3.3 Filter Configuration Diagram

Understand the sequence of filters in your water purification system. The typical configuration involves a Sediment filter, followed by a Pre-Carbon filter (if applicable), then the RO Membrane, and finally a Post Carbon filter.

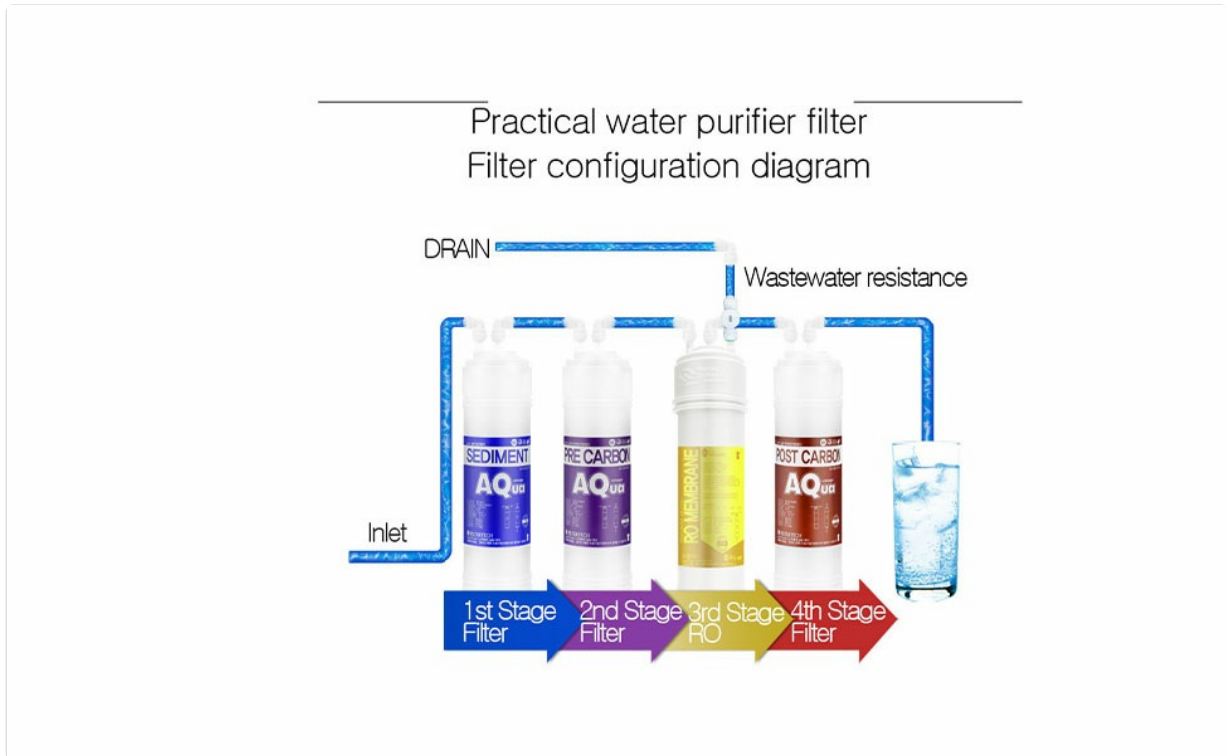


Image: A practical water purifier filter configuration diagram showing the flow from inlet through 1st Stage (Sediment), 2nd Stage (Pre-Carbon), 3rd Stage (RO Membrane), and 4th Stage (Post Carbon) filters, with a drain line for wastewater.

1. **Turn off Water Supply:** Locate the main water supply valve to your water purifier and turn it off.
2. **Depressurize System:** Open the dispenser faucet to release any remaining pressure in the system.
3. **Remove Old Filters:** Carefully twist or unclip the old filters according to your purifier's instructions. Be prepared for some water spillage.
4. **Install New Filters:** Insert the new filters into their respective housings, ensuring they are securely seated and oriented correctly (check inlet/outlet markings).
5. **Flush New Filters:** After installation, slowly turn on the water supply. Allow water to run through the system for several minutes (refer to your purifier's manual for exact flushing times) to flush out any carbon fines or air.
6. **Check for Leaks:** Inspect all connections for any signs of leaks.

## 4. OPERATING INSTRUCTIONS

Once the filters are installed and flushed, your water purifier is ready for use. The filters work automatically to purify your water as it passes through the system. No special operating procedures are required beyond normal use of your water purifier.

## 5. MAINTENANCE AND FILTER REPLACEMENT

Regular filter replacement is essential to maintain water quality and the longevity of your water purifier. The FILTER TECH 7EA set provides filters for a 1-year cycle, but individual filter replacement periods vary.

## 5.1 Sediment Filter

The Sediment filter removes larger particles such as rust, sand, and dirt, protecting subsequent filters. It is typically the first stage of filtration.

- **Filter Material:** Polypropylene (PP)
- **Exchange Period:** 3–4 months
- **Effective Water Volume:** 3,000 L
- **Maximum Flow Rate:** 3L/min
- **Maximum Allowable Water Pressure:** 8kgf/cm<sup>2</sup>
- **Maximum Raw Water Temperature:** 40°C
- **Country of Manufacture:** Korea
- **Manufacturer:** Filter Tech



Image: A detailed view of the Sediment filter, showing its construction and key specifications.

## 5.2 RO Membrane Filter

The Reverse Osmosis (RO) Membrane filter is the core of the purification system, removing dissolved solids, heavy metals, and other microscopic impurities down to 0.001 micron.

- **Filter Material:** Polyamide
- **Exchange Period:** 18–24 months
- **Effective Water Volume:** 3,000 L
- **Maximum Flow Rate:** 3L/min
- **Maximum Allowable Water Pressure:** 8kgf/cm<sup>2</sup>
- **Maximum Raw Water Temperature:** 40°C
- **Country of Manufacture:** Korea

- **Manufacturer:** Filter Tech



Image: A detailed view of the RO Membrane filter, outlining its material and performance specifications.

### 5.3 Post Carbon Filter

The Post Carbon filter acts as the final polishing stage, removing any residual tastes and odors to improve the overall palatability of the water.

- **Filter Material:** Kuraray block
- **Exchange Period:** 9–12 months
- **Effective Water Volume:** 3,000 L
- **Maximum Flow Rate:** 3L/min
- **Maximum Allowable Water Pressure:** 8kgf/cm<sup>2</sup>
- **Maximum Raw Water Temperature:** 40°C
- **Country of Manufacture:** Korea
- **Manufacturer:** Filter Tech

## Filtertech Economical Water Purifier Filter Set

Compatible Models: CHP-06EL, CHP-06ER, CHP-06EU



Image: The Post Carbon filter, shown as part of the complete 7-filter set, with its internal structure indicated.

## 6. TROUBLESHOOTING

If you encounter issues with your water purifier after installing the replacement filters, consider the following common problems and solutions:

### • Low Water Flow:

- Check if the water supply valve is fully open.
- Ensure filters are installed correctly and not clogged. New filters may have air pockets; flush the system thoroughly.
- Verify that the RO membrane is not clogged (if applicable, this typically has a longer lifespan but can be affected by poor pre-filtration).

### • Unusual Taste or Odor:

- Flush the system again for a longer period to remove any residual carbon fines from new filters.
- Ensure the Post Carbon filter is correctly installed and not expired.
- Check the expiration or replacement period of all filters.

### • Leaks:

- Turn off the water supply immediately.
- Inspect all connections and O-rings for proper seating and damage.
- Ensure filters are fully twisted or clipped into place.

If problems persist, contact customer support for further assistance.

## 7. SPECIFICATIONS

Feature	Specification
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Product Name	7EA Replacement Water Filter 1 Year Set
Compatible Models	CHP-06EL, CHP-06ER, CHP-06EU
Filtration Micron Rating	0.001 micron (RO Membrane)
Filter Materials	Carbon, Latex (Sediment: Polypropylene, RO: Polyamide, Post Carbon: Kuraray block)
Package Dimensions	17.1 x 13.6 x 3.3 inches
Item Weight	5.99 pounds (2.72 Kilograms)
Manufacturer	FilterTech
External Testing Certification	NSF
UPC	740976953039

## 8. WARRANTY INFORMATION

For specific warranty details regarding the FILTER TECH 7EA Replacement Water Filter Set, please refer to the warranty documentation provided with your original purchase or contact FILTER TECH customer support directly. Warranty terms typically cover manufacturing defects and may vary.

## 9. SUPPORT

If you require further assistance, have questions about installation, or need to troubleshoot an issue not covered in this manual, please contact FILTER TECH customer support. You can typically find contact information on the product packaging or the official FILTER TECH website.