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FILTER TECH CP-MN031

Filtertech Replacement Filter Set for Cookoo Tankless Nano Filtration Water Purifier CP-MN031 User Manual

1. INTRODUCTION

This user manual provides essential information for the proper installation, operation, and maintenance of your Filtertech replacement filter set for the Cookoo Tankless Nano Filtration Water Purifier, model CP-MN031. Please read these instructions carefully before proceeding with installation or filter replacement to ensure optimal performance and longevity of your water purification system.

2. PRODUCT OVERVIEW

The Filtertech replacement filter set for the Cookoo CP-MN031 consists of three distinct filters, each designed to perform a specific purification stage. This set ensures comprehensive filtration for clean and safe drinking water.



Image 2.1: The complete Filtertech replacement filter set.



Image 2.2: Filtritech filters demonstrating water purification capabilities.

2.1 Filter Components:

1. **Light Blue Sed&Carbon Filter:** This is the first stage filter, combining polypropylene (PP) and block carbon to remove sediment and chlorine.
2. **Red Nano Membrane Filter:** The second stage filter, featuring a P.P membrane, designed to filter out bacteria and fine substances.
3. **Black Post Carbon Filter:** The third stage filter, made with Kuraray Block Carbon, for absorbing residual gases, odors, and organic substances to improve water taste.

3. INSTALLATION INSTRUCTIONS

Follow these steps carefully to install the replacement filters into your Cookoo Tankless Nano Filtration Water Purifier CP-MN031. Ensure the water supply to the purifier is turned off before beginning the installation process.



Image 3.1: Filter configuration and water flow diagram.

3.1 Step-by-Step Installation:

1. **Prepare the Purifier:** Turn off the main water supply to your Cookoo water purifier. Release any residual pressure by opening a faucet connected to the purifier.
2. **Remove Old Filters:** Carefully disconnect and remove the old filters from their respective positions. Note the order of the filters as you remove them.
3. **Install the Light Blue Sed&Carbon Filter (Step 1):**
This filter protects subsequent membrane filters and improves their performance by removing fine residues, green matter, and residual chlorine. Insert the new light blue Sed&Carbon filter into the first position. Ensure it is securely connected.

02

NANO MEMBRANE FILTER

NANO MEMBRANE FILTER IS A SPECIAL FLAT MEMBRANE MAIN FILTER FORMED WITH PORES OF APPROXIMATELY 14.2nm OR LESS, WHICH FILTERS OUT BACTERIA AND FOREIGN SUBSTANCES HARMFUL TO THE HUMAN BODY THAT WERE NOT FILTERED OUT DURING THE PRETREATMENT PROCESS, AND WITHSTANDS WATER PRESSURE OF 8kgf/cm².



FILTER MATERIAL: P.P MEMBRANE
 MAXIMUM FLOW: 3L/MIN
 MAXIMUM ALLOWABLE WATER PRESSURE: 8kgf/cm²
 MAXIMUM USABLE WATER PRESSURE: 5kgf/cm²
 MAXIMUM SOURCE WATER TEMPERATURE: 40℃
 MANUFACTURER: FILTER TECH
 COUNTRY OF ORIGIN: KOREA
 REPLACEMENT PERIOD: 18~20 MONTHS



Image 3.2: Light Blue Sed&Carbon Filter details.

4. Install the Red Nano Membrane Filter (Step 2):

This special flat membrane filter has pores of approximately 14.2nm or less, filtering out bacteria and foreign substances not removed during pretreatment. Insert the new red Nano Membrane filter into the second position.

03

POST CARBON FILTER

THE POST-CARBON FILTER IS MADE MAINLY OF COCONUT, AND ABSORBS AND REMOVES RESIDUAL GAS COMPONENTS DISSOLVED IN WATER, AS WELL AS ODORS AND ORGANIC SUBSTANCES SUCH AS CHLORINE, TO MAKE THE WATER TASTE CLEAN.



FILTER MATERIAL: KURARAY BLOCK CARBON
 EFFECTIVE WATER VOLUME: 3,000L
 MAXIMUM FLOW RATE: 3L/MIN
 MAXIMUM ALLOWABLE WATER PRESSURE: 8kgf/cm²
 MAXIMUM RAW WATER TEMPERATURE: 40℃
 MANUFACTURER: FILTER TECH
 COUNTRY OF ORIGIN: KOREA
 REPLACEMENT PERIOD: 9~12 MONTHS



Image 3.3: Red Nano Membrane Filter details.

5. Install the Black Post Carbon Filter (Step 3):

Made mainly of coconut, this filter absorbs and removes residual gas components, odors, and organic substances like chlorine, enhancing the water's taste. Insert the new black Post Carbon filter into the third position.

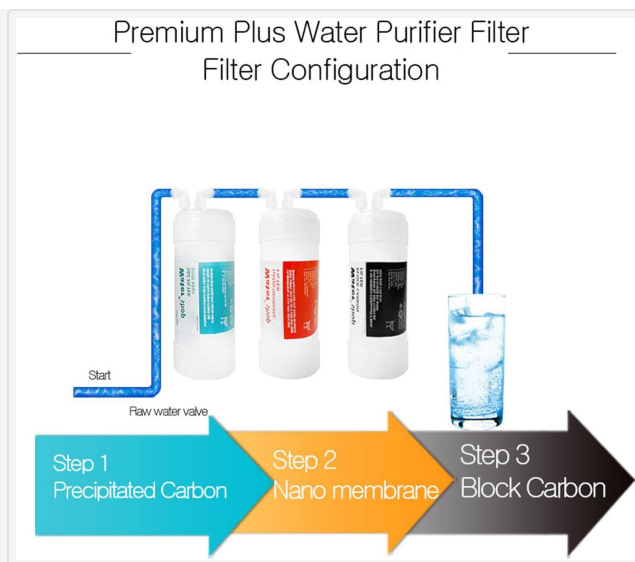


Image 3.4: Black Post Carbon Filter details.

6. **Restore Water Supply:** Slowly turn on the main water supply to the purifier. Check for any leaks around the newly installed filters.
7. **Flush the System:** Allow water to run through the system for several minutes (e.g., 5-10 minutes) to flush out any air or carbon fines from the new filters. This ensures optimal water quality.

4. MAINTENANCE AND FILTER REPLACEMENT SCHEDULE

Regular replacement of your Filtertech filters is crucial for maintaining the efficiency and effectiveness of your Cookoo water purifier. Adhere to the recommended replacement periods below:

- **Light Blue Sed&Carbon Filter:** Replace every **3-6 months**.
- **Red Nano Membrane Filter:** Replace every **9-12 months**.
- **Black Post Carbon Filter:** Replace every **9-12 months**.

Note: Actual replacement periods may vary based on local water quality and usage volume. If you notice a decrease in water flow or a change in water taste/odor before the recommended period, consider replacing the filters sooner.

5. PRODUCT SPECIFICATIONS

Below are the general specifications for the Filtertech replacement filter set:

Specification	Detail
Brand	FILTER TECH
Model Number	CP-MN031 (for Cookoo Tankless Nano Filtration Water Purifier)
Material	Polypropylene (PP), P.P Membrane, Kuraray Block Carbon
Number of Items	3 (complete set)
Item Weight (total)	Approximately 1.5 Pounds

Specification	Detail
Package Dimensions	Approximately 6 x 6 x 3 inches
Manufacturer	Filtertech
Product Benefits	Removes impurities and contaminants for cleaner, better-tasting water; maintains high water pressure; easy installation and replacement.

6. TROUBLESHOOTING

If you encounter issues after installing your new filters, consider the following common solutions:

- **Low Water Flow:** Ensure all filters are correctly seated and connections are tight. Check if the water supply valve is fully open. New filters may initially restrict flow slightly until fully saturated.
- **Leaks:** Verify that all filter connections are securely tightened. If a leak persists, remove and re-install the affected filter, ensuring O-rings are properly seated and not damaged.
- **Unusual Taste or Odor:** Ensure the system has been adequately flushed after installation (run water for 5-10 minutes). If the issue persists, verify that the filters are installed in the correct order.
- **Filter Order:** Always ensure the filters are installed in the sequence: Light Blue Sed&Carbon (1st), Red Nano Membrane (2nd), Black Post Carbon (3rd). Incorrect order can impair performance.



If problems persist after attempting these troubleshooting steps, please contact customer support.






7. WARRANTY AND SUPPORT

For any questions regarding the Filtertech replacement filters, including warranty information or technical support, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact details.



Related Documents - CP-MN031

<div><p>Model 6 Bag Filter Housings Sizes #7, #8 & #9</p><p>Download the full technical specifications and ordering guide for the Model 6 Bag Filter Housings (Sizes #7, #8, #9) from the Filter Tech website.</p><p>Features:</p><ul style="list-style-type: none">• High flow rate• Low pressure drop• Easy installation and replacement• Durable construction• Available in multiple sizes<p>Applications:</p><ul style="list-style-type: none">• Industrial liquid filtration• Water treatment• Food and beverage processing<p>Technical Specifications:</p><ul style="list-style-type: none">• Flow rate: 10-20 GPM (varies by size)• Pressure drop: 1-2 PSI (varies by size)• Material: Stainless Steel<p>Ordering Information:</p><ul style="list-style-type: none">• Part numbers: FT-6-7, FT-6-8, FT-6-9• Contact your local distributor or visit the Filter Tech website for more information.</div> <div></div>	<p>Filter Tech Model 6 Bag Filter Housings: Sizes #7, #8, #9 - Technical Specifications & Ordering Guide</p> <p>Detailed technical specifications, features, operation, pressure drop data, dimensions, and ordering information for the Filter Tech Model 6 Bag Filter Housings (Sizes #7, #8, #9). These industrial liquid filter housings are suitable for straining and fine filtration applications up to 150 PSI.</p>
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	<p>CUCKOO CP-MN 031 Series Water Purifier User Manual</p> <p>User manual for the CUCKOO CP-MN 031 Series water purifier, detailing safe usage, installation, operation, maintenance, and troubleshooting.</p>
	<p>CUCKOO Electric Water Purifier User Manual CP-TN100S CP-TN100DS</p> <p>User manual for the CUCKOO Electric Water Purifier, models CP-TN100S and CP-TN100DS. This guide provides detailed information on features, benefits, safe usage, installation, and maintenance of the water purifier.</p>
	<p>CUCKOO CP-ABNC100GWH Electric Water Purifier User Manual</p> <p>User manual for the CUCKOO CP-ABNC100GWH Electric Water Purifier, detailing features, benefits, installation, usage, cleaning, and safety instructions.</p>
	<p>CUCKOO CP-ABNC100GWH Electric Water Purifier User Manual</p> <p>User manual for the CUCKOO CP-ABNC100GWH Electric Water Purifier, detailing features, benefits, safety warnings, installation, and usage instructions.</p>
	<p>CUCKOO Water Purifier User Guide: CP-FR602SW & CP-FR601HW</p> <p>Comprehensive user guide for CUCKOO water purifiers, models CP-FR602SW and CP-FR601HW. Includes safety instructions, parts identification, operation, cleaning, and filter replacement details.</p>