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› User Manual: Intake Bacteria Filter and Micro Disk Filter for Respironics EverFlo Oxygen Concentrator

## Third-Party Replacement THC-EF-FilterPack

# User Manual: Intake Bacteria Filter and Micro Disk Filter

For Respironics EverFlo Oxygen Concentrator (Original Version)

## 1. INTRODUCTION

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This manual provides essential information for the proper installation and maintenance of the replacement Intake Bacteria Filter and Micro Disk Filter designed for the Respironics EverFlo Oxygen Concentrator (Original Version). These filters are crucial components for maintaining the purity of oxygen delivered by your concentrator and ensuring its optimal performance.



**Figure 1:** The Intake Bacteria Filter (top, rectangular) and Micro Disk Filter (bottom, circular) for Respironics EverFlo Oxygen Concentrator.

## 2. SETUP AND INSTALLATION

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Regular replacement of these filters is vital for the longevity of your oxygen concentrator and the quality of oxygen therapy. Always refer to your Respironics EverFlo Oxygen Concentrator's original manual for specific instructions and safety precautions before performing any maintenance.

### 2.1. Safety Precautions

- Always unplug the oxygen concentrator from the power outlet before attempting any installation or maintenance.
- Ensure the concentrator is turned off and has cooled down.
- Work in a clean, well-lit area to prevent contamination.

### 2.2. Replacing the Intake Bacteria Filter

1. Locate the existing intake filter on your Respironics EverFlo Oxygen Concentrator. This is typically a rectangular filter located on the back or side of the unit, often behind a removable panel or grille.

2. Carefully remove the old intake filter. Note its orientation for correct installation of the new filter.
3. Insert the new intake bacteria filter into the designated slot, ensuring it fits snugly and is oriented correctly. The new filter may be opaque blue, differing from older translucent models, but functions identically.
4. Replace any panels or grilles that were removed.

### 2.3. Replacing the Micro Disk Filter

The micro disk filter is an inline filter that can be installed in various locations depending on your setup. A common and effective placement is within the cannula tubing, especially after the humidifier bottle, to filter the output and help reduce condensation.

1. Identify the section of the oxygen tubing where you wish to install the micro disk filter. A common point is between the humidifier bottle output and the patient's cannula.
2. Carefully cut the oxygen tubing at the desired installation point. Ensure a clean, straight cut.
3. Connect one end of the cut tubing to one side of the micro disk filter's barbed connector.
4. Connect the other end of the cut tubing to the remaining barbed connector on the micro disk filter. Ensure both connections are secure and airtight.
5. Verify that the filter is oriented correctly for flow, if indicated by arrows on the filter body (though many micro disk filters are bidirectional).

## 3. OPERATION

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Once installed, the intake bacteria filter and micro disk filter operate passively as part of your oxygen concentrator system. They continuously filter airborne particles and bacteria from the intake air and the oxygen output, respectively, ensuring clean oxygen delivery. No user interaction is required during operation.

## 4. MAINTENANCE AND REPLACEMENT SCHEDULE

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To ensure optimal performance and hygiene, it is recommended to inspect and replace these filters regularly. The frequency of replacement can vary based on environmental conditions and usage, but general guidelines are:

- **Intake Bacteria Filter:** Inspect monthly and replace every 6 to 12 months, or sooner if visibly dirty or if the concentrator's performance is affected. Some users prefer replacement every 6 months.
- **Micro Disk Filter:** Inspect monthly and replace every 3 to 6 months, or sooner if visibly dirty or if moisture accumulation is observed. The translucent nature of some micro disk filters allows for visual inspection of trapped dirt or moisture.

Always keep spare filters on hand to ensure timely replacement.

## 5. TROUBLESHOOTING

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If you experience issues after replacing the filters, consider the following:

- **Concentrator Alarms/Low Oxygen:**
  - Ensure both filters are installed correctly and securely.
  - Check all tubing connections for leaks or kinks.
  - Verify that the new filters are compatible with your specific Respironics EverFlo model.
  - If alarms persist, the issue may not be filter-related. Consult the Respironics EverFlo Oxygen Concentrator's user manual or contact a qualified service technician.

- **Excessive Condensation in Tubing (Micro Disk Filter):**

- Ensure the micro disk filter is installed correctly.
- The micro disk filter can help reduce condensation, but if it's excessive, consider its placement or if it needs more frequent replacement due to high humidity.

## 6. PRODUCT SPECIFICATIONS

Attribute	Detail
Product Name	Intake Bacteria Filter and Micro Disk Filter
Compatibility	Respironics EverFlo Oxygen Concentrator (Original Version)
Model Number	THC-EF-FilterPack
ASIN	B004QBSP5G
Package Dimensions	5.8 x 4.6 x 2 inches
Item Weight	3.2 ounces
Date First Available	March 2, 2011

## 7. WARRANTY INFORMATION

Specific warranty information for these replacement filters is not provided in the product details. Please refer to the seller's return policy or contact the seller directly for any warranty-related inquiries.

## 8. CUSTOMER SUPPORT

For questions regarding the installation or performance of these filters, please contact the seller through the platform where the purchase was made. For issues related to your Respironics EverFlo Oxygen Concentrator itself, please refer to the manufacturer's official support channels.