

[Manuals.plus](#) /

› [Respironics](#) /

› Philips Respironics EverFlo 5L Oxygen Concentrator User Manual

Respironics EverFlo 5L

Philips Respironics EverFlo 5L Oxygen Concentrator User Manual

Model: EverFlo 5L | Brand: Respironics

INTRODUCTION

The Philips Respironics EverFlo 5L Oxygen Concentrator is designed to provide a continuous and reliable supply of oxygen for home use. This compact, lightweight, and energy-efficient device offers quiet operation and ease of use, making it a practical choice for respiratory assistance.

Key features include:

- **Continuous Oxygen Supply:** Adjustable flow rate from 0.5 to 5 liters per minute.
- **Energy Efficiency:** Low power consumption (less than 300 W).
- **Quiet Operation:** Noise level of only 43 dBA for a comfortable environment.
- **Compact and Lightweight Design:** Weighs 14 kg with a molded handle for easy transport and storage.
- **Durability:** Features a robust metallic oxygen outlet, an embedded flow meter, and a long-lasting filter (up to 2 years).
- **Humidifier Compatibility:** Includes a support for various humidifier bottle types.
- **Safety Features:** Integrated alarm system for low oxygen levels and operational failures.



Image: The Philips Respironics EverFlo 5L Oxygen Concentrator, a blue unit with wheels and a top handle, designed for home use.

IMPORTANT SAFETY INFORMATION

Please read all instructions and warnings carefully before using the EverFlo oxygen concentrator. Failure to follow these instructions may result in serious injury or damage to the device.

- **Fire Hazard:** Oxygen supports combustion. Do not smoke or allow open flames near the oxygen concentrator or oxygen-carrying accessories. Keep the device at least 2 meters (6.5 feet) away from heat sources, sparks, or flammable materials.
- **Electrical Safety:** Use only the power cord supplied with the device. Do not use extension cords. Ensure the power outlet is properly grounded. Do not operate the device if the power cord is damaged.
- **Ventilation:** Ensure adequate ventilation around the concentrator. Do not block air vents or place the device in an enclosed space. Maintain at least 15 cm (6 inches) clearance from walls, furniture, and curtains.
- **Medical Use:** This device is intended for oxygen therapy as prescribed by a physician. Do not adjust oxygen flow rates

without consulting your healthcare provider.

- **Children and Pets:** Keep the device out of reach of children and pets to prevent accidental damage or injury.
- **Transportation:** When transporting the unit, ensure it is stable and secured to prevent tipping. Use the molded handle for lifting.

SETUP

Unpacking and Inspection

1. Carefully remove the EverFlo concentrator from its packaging.
2. Inspect the device for any visible damage. If damage is present, do not use the unit and contact your supplier immediately.
3. Ensure all components are present: EverFlo concentrator, power cord, and user manual.

Placement and Portability

- Place the concentrator on a hard, level surface. Avoid carpets or soft furnishings that could block air intake.
- Ensure there is at least 15 cm (6 inches) of clear space around all sides of the unit for proper ventilation.
- Position the unit in a room where it will be used, away from direct sunlight, heat sources, and excessive dust.
- The EverFlo is designed to be lightweight and portable for easy movement within the home. Use the integrated handle for lifting and the wheels for rolling.



Image: A man carrying the Philips Respironics EverFlo Oxygen Concentrator by its handle, demonstrating its portability for home use.



Image: A woman comfortably seated on a sofa, using the Philips Respironics EverFlo Oxygen Concentrator placed beside her, illustrating typical home placement.

Connecting the Humidifier (Optional)

1. If prescribed, fill the humidifier bottle with distilled water to the level indicated by the manufacturer.
2. Attach the humidifier bottle to the humidifier support on the concentrator.
3. Connect the oxygen tubing from the humidifier bottle outlet to the oxygen outlet on the concentrator.
4. Connect the patient's nasal cannula or mask tubing to the humidifier bottle outlet.

Power Connection

1. Plug the power cord into the power inlet on the back of the concentrator.
2. Plug the other end of the power cord into a grounded electrical outlet.

OPERATING INSTRUCTIONS

Starting the Concentrator

1. Ensure the concentrator is properly set up and connected to power.
2. Press the power switch to the "ON" position. The green power indicator light will illuminate.
3. Allow the unit to run for approximately 10-20 minutes to reach its optimal oxygen concentration.
4. Adjust the flow meter knob to the prescribed liter flow setting. The ball in the flow meter should be centered on the line corresponding to your prescribed flow rate.
5. Attach your nasal cannula or mask to the oxygen outlet (or humidifier outlet if used).

Monitoring Oxygen Purity Indicator (OPI)

The EverFlo concentrator is equipped with an Oxygen Purity Indicator (OPI) to monitor oxygen concentration levels.

- **Green Light:** Indicates normal oxygen concentration (above 82%).
- **Yellow Light:** Indicates oxygen concentration is below acceptable levels (between 70-82%). Contact your supplier for

service.

- **Red Light:** Indicates oxygen concentration is critically low (below 70%) or a system malfunction. An audible alarm will sound. Immediately switch to a backup oxygen supply and contact your supplier.

Stopping the Concentrator

When you are finished with your oxygen therapy, simply press the power switch to the "OFF" position.

MAINTENANCE

Regular maintenance ensures the optimal performance and longevity of your EverFlo oxygen concentrator.

Cleaning the Cabinet

- Disconnect the power cord before cleaning.
- Wipe the exterior of the concentrator with a damp cloth and a mild household cleaner.
- Do not allow liquid to enter the air vents or control panel.
- Dry thoroughly before reconnecting power.

Filter Maintenance

The EverFlo concentrator features a long-life filter that typically requires replacement every two years. Consult your supplier for filter replacement schedules and procedures.

- **Inlet Filter:** This filter is located on the back of the unit. It should be inspected periodically for dust buildup. Clean or replace as recommended by your supplier.
- **Bacterial Filter:** This internal filter should only be replaced by qualified service personnel.

Humidifier Bottle Cleaning (if used)

- Clean the humidifier bottle daily with warm water and a mild detergent.
- Rinse thoroughly with clean water and air dry.
- Disinfect the bottle weekly using a solution recommended by your healthcare provider.

TROUBLESHOOTING

If you experience issues with your EverFlo concentrator, refer to the following table before contacting your supplier.

Problem	Possible Cause	Solution
No power / Unit does not turn on	• Power cord unplugged • Power outlet malfunction • Unit power switch off	• Ensure power cord is securely plugged into unit and outlet. • Test outlet with another device. • Turn power switch to "ON" position.
Low oxygen purity alarm (Yellow or Red OPI light)	• Unit not warmed up • Blocked air intake/exhaust • Internal malfunction	• Allow 10-20 minutes for warm-up. • Ensure adequate ventilation around the unit. • If alarm persists, switch to backup oxygen and contact supplier.

Problem	Possible Cause	Solution
No oxygen flow	- Flow meter set to zero - Tubing kinked or blocked - Humidifier bottle connection loose	- Adjust flow meter to prescribed setting. - Check and clear any kinks or blockages in tubing. - Ensure humidifier bottle is securely connected.
Unusual noise or vibration	- Unit not on a level surface - Internal component issue	- Place unit on a firm, level surface. - If noise persists, contact your supplier.

SPECIFICATIONS

Feature	Detail
Model	EverFlo 5L
Oxygen Flow Rate	0.5 to 5 liters per minute (LPM)
Oxygen Purity	90-96% at all flow rates
Sound Level	43 dBA typical
Power Consumption	Less than 300 W
Dimensions (H x W x D)	Approximately 50 x 35 x 70 cm (19.7 x 13.8 x 27.6 inches)
Weight	14 kg (30.8 lbs)
Operating Temperature	12°C to 32°C (55°F to 90°F)
Operating Humidity	15% to 95% relative humidity
Manufacturer	Philips Respironics
ASIN	B004FWOZ8W



Image: A Certificate of Conformance for the Respironics EverFlo Concentrator, detailing product ID, serial number, and specific test results for oxygen output and OPI.

WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your authorized Philips Respironics dealer. The product is typically covered by a manufacturer's warranty against defects in materials and workmanship. For technical support, service, or to order replacement parts, please contact your equipment supplier or visit the official Philips Respironics website. When contacting support, please have your product model and serial number available.

Note: For refurbished units, specific warranty terms may apply. Please verify with your seller (e.g., Zalenda España) regarding their warranty and return policy.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question