

...Porta-neb matched systems from Respironics (UK)

It is important that the system you choose consists of a compressor and nebulizer designed to work together.

The matching of a nebulizer and compressor is important to achieve optimal performance.

The system consists of two main component parts. The Porta-neb® compressor and the Sidestream® or Ventstream® nebulizer which can be used with either a mouthpiece or face mask.

Sidestream and Ventstream nebulizers are designed to reach optimum performance when driven by a matched compressor delivering high flow rates (6.0 L/min).

Sidestream, which can nebulize all commonly prescribed bronchodilators (relievers) and Ventstream for the delivery of inhaled steroids or antibiotics, in addition to relievers.

Respironics (UK) has a full range of nebulizer compressor systems; for further information please refer to the Respironics (UK) price list.

You must remember to choose a system which is suitable for the type of medication that your patient has been prescribed (see table below).

	PORTA-NEB SIDESTREAM	PORTA-NEB VENTSTREAM
BRONCHODILATORS	●	●
INHALED STEROIDS		●
OTHER ANTI-INFLAMMATORY AGENTS	●	●
ANTIBIOTICS		●

Ordering Information

By buying from Respironics (UK) you can be sure that you will get a high quality product that has been individually tested. We guarantee that with normal use your patient will get the right amount of medication every time, faster, and with less wastage than many other makes, when using a Respironics (UK) matched nebulizer compressor system.

RECOMMENDED FOR HOSPITAL USE

Part no. Description

Nebulizer + Compressor Systems

1802 Porta-neb®/Sidestream® (includes Sidestream durable patient pack)

1803 Porta-neb®/Ventstream® (includes Ventstream durable patient pack)

*Please note: Sidestream nebulizer to be used for bronchodilator treatment.
Ventstream nebulizer to be used for bronchodilator treatments, steroids & antibiotics.

Nebulizer Kits

4445 Disposable Sidestream nebulizer

4446 Disposable Sidestream nebulizer with adult mask and supply tubing

4447 Disposable Sidestream nebulizer with child mask and supply tubing

4447 Disposable Sidestream nebulizer with angled mouthpiece and supply tubing

1200 Durable Sidestream nebulizer

1223A Durable Sidestream nebulizer with adult mask and Duratube

1224A Durable Sidestream nebulizer with child mask and Duratube

1225A Durable Sidestream nebulizer with durable mouthpiece and Duratube

1170 Ventstream with filter

1171 Ventstream with aerosol hose for venting

For further information on Respironics (UK) products recommended for both Hospital and Home use, please refer to the Respironics (UK) price list. Our price list can be obtained from your local representative or Customer Services.

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Meet the new
driving force in
nebulizer therapy...

Porta-*neb*®

Matched Nebulizer Compressor System

Porta-neb®

Matched Nebulizer Compressor System

4 The aerosol passes through the mouthpiece or face mask to the patient.

3 Air enters the nebulizer and the liquid drug is changed to a fine breathable aerosol.

2 Clean air is then driven through the tube to the Sidestream (drug container).

1 Air is passed through an inlet filter.



The mains operated Porta-neb is a high-quality, easy-to-use compressor offering reliable therapy at home or in the hospital. It is capable of nebulizing all drugs prescribed for common respiratory diseases with both the Sidestream and Ventstream nebulizers.

- **Continuously rated** – for unlimited use in the hospital or home without fear of overheating.
- **New design reduces compressor noise** – quieter than previous models.
- **Contoured case and handle** – easy to clean and carry.
- **Large internal storage compartment** – all accessories and medication can be stored safely in a watertight tray.
- **Nebulizer (drug container) parking post** – reduces drug spillage.
- **Mains cable situated on outside of Porta-neb** – easy to reach and keeps the mains away from liquids.
- **New instructions** – easy to follow for the patient and medical staff.
- **Designed and built to meet European Standard EN 60601-1-2** – Approval, March 1995.



Adult Mask



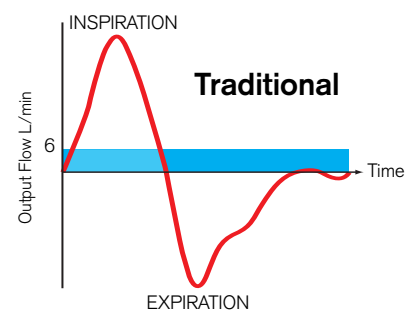
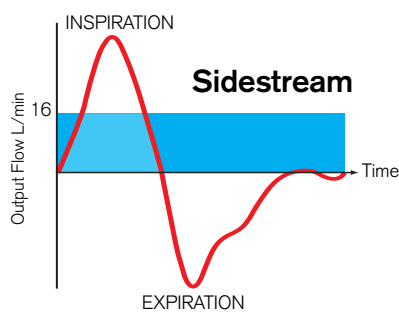
Mouthpiece



Child Mask

Sidestream can be used to nebulize all commonly prescribed bronchodilators for respiratory conditions.

- Fast, accurate drug delivery every time.
- 80% of Sidestream's output is small enough (less than 5 microns) to reach the lungs.
- Available in durable and disposable versions with identical performance.
- Durable Sidestream can be sterilised and will give consistent performance for a year.



In the graphs above, the Sidestream and traditional nebulizers are compared. Both nebulizers run from the Porta-neb (6 L/min). The increased output flow from the Sidestream (16 L/min) is due to an innovative Venturi mechanism in the top of the Sidestream.

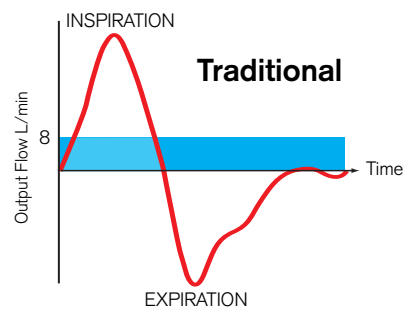
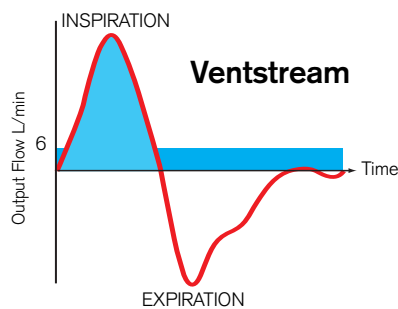


At the heart of both Sidestream and Ventstream Respironics (UK) nebulizers is the innovative jet design which produces consistent high-quality aerosol (<5 microns) from nebulizer to nebulizer, treatment after treatment.



Ventstream has been designed for the delivery of inhaled steroids or antibiotics, in addition to a bronchodilator.

- Ventstream responds to your patient's breathing pattern so that they get more drug on inspiration and waste less on expiration.
- 80% of Ventstream's output is less than 5 microns.
- The Porta-neb Ventstream combination will cost less than alternative systems which use a high-flow compressor.



The graphs above show that the output from Ventstream fills the entire inspiratory breath of the patient. The lower flow rate (6 L/min) means that less drug is wasted on expiration compared to a high flow compressor.