



Oscillating Positive Expiratory Pressure Therapy Device

These Instructions for Use contain important information for safe use of this product. Please read the entire contents of these instructions before using this product. Failure to properly follow the advice contained in these instructions could result in serious injury or death. It is the responsibility of the treating health professional to ensure that the patient understands the information contained herein.

The **Vento** is an oscillating Positive Expiratory Pressure (PEP) device for improving and maintaining respiratory function. It creates pressure and vibrations in the lungs and airways. This improves ventilation in the lungs, and assists in clearing mucus.

The **Vento's** PEP therapy may assist with respiratory conditions such as:

- Asthma
- Bronchiectasis
- Bronchitis
- COPD
- Cystic Fibrosis
- Other conditions causing retained secretions
- Post-surgery

Warnings

! The **Vento** is not suitable for all patients, and should be used under the guidance of a qualified health professional.

! Children and anyone who requires assistance must be supervised constantly by an adult when using the **Vento**.

! Choking hazard. Keep out of reach of children. The **Vento** is designed to be taken apart for cleaning. Internal parts can become choking hazards.

! Non-sterile. For single patient use only

! The **Vento** is not to be used by individuals with

- haemoptysis (coughing up blood)
- pneumothorax
- recent oesophageal surgery
- right-sided cardiac failure
- tuberculosis

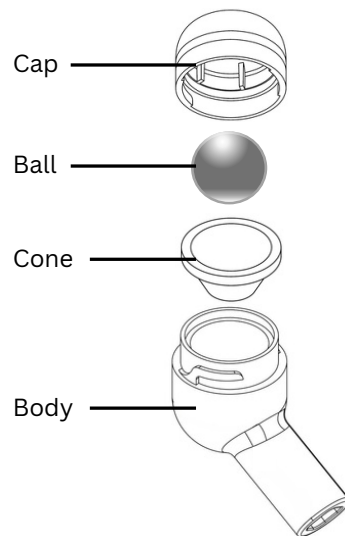
Precautions

- Acute asthma/severe bronchospasm
- Acute sinusitis
- Cognitive impairment
- Dialysis
- Epistaxis
- Haemodynamic instability
- Intracranial pressure > 20mmHg
- Increased work of breathing
- Large emphysematous bullae
- Lung abscess
- Recent ear, facial, lung, oral or gastric surgery
- Severe fibrotic changes

NOTE: This list is not exhaustive.

Consult with your health professional before using the **Vento**.

Assembly & Care



To assemble, place the cone in the body. Place the ball in the cone, and screw the cap firmly onto the body.

The **Vento** must be inspected and cleaned once per day or as needed. Cleaning after each use is recommended. Replace annually or earlier if damaged.

To clean, disassemble the device and thoroughly wash all parts in warm water with dishwashing liquid. Use a brush or cloth to remove all dirt and residue. Rinse all parts thoroughly under warm running water. Leave to air dry. Once all parts are completely dry, reassemble the device and store it in a clean, dry location.



Oscillating Positive Expiratory Pressure Therapy Device

How To Use Your Vento

The following is a standard treatment session with **Vento**. Your health professional may recommend a different approach.

1. Sit in a relaxed, upright position.
2. Hold the **Vento** so that the mouthpiece is horizontal. **Make sure that the holes in the lid are not covered by your hand.**
3. Breathe in slowly and deeply through the nose. Hold your breath for 2 seconds as you place the mouthpiece in your mouth, making a firm seal around the mouthpiece with your lips.
4. Blow steadily through the mouthpiece with a little more effort than usual. As you do so, tense your cheeks (or hold them steady with your free hand).
5. Repeat steps 2-4 for 10-15 breaths.
6. Huff or cough.
7. Rest for 1-2 minutes. This completes 1 set.
8. Repeat the set 2-3 times.
9. Perform this program 2-3 times daily.
10. Wash the **Vento** daily in warm soapy water, and leave to dry.

To reduce pressure in times of breathlessness, tilt the **Vento** down slightly. To increase pressure, tilt the **Vento** up.

Note: Cease use if you feel light-headed or dizzy. Continue only when symptoms have resolved. Cease if you notice blood in your sputum, and consult your health professional.

How Vento Works

The **Vento** is an oscillating PEP device. The **Vento** provides resistance to the flow of air as you breathe out into it, which creates a positive pressure in the airways. This pressure opens up the airways and loosens mucus. As you breathe into the **Vento**, the steel ball starts to move, creating oscillations or vibrations, which further assist in loosening mucus and moving it upwards so it can be coughed up. By tilting the Vento up slightly, you can increase the resistance it creates, which increases the positive pressure in the airways.

The following results have been verified by independent laboratory testing of the Vento.

FLOW RATE	ANGLE	
	0 Degrees	30 Degrees
5L/min	Mean 6.0 +/- 0.0 Peak 10.9 +/- 0.1 Amp. 9.1 +/- 0.1	Mean 11.1 +/- 0.1 Peak 15.2 +/- 0.2 Amp. 7.2 +/- 0.1
15L/min	Mean 6.5 +/- 0.1 Peak 20.0 +/- 0.0 Amp. 19.4 +/- 0.1	Mean 10.9 +/- 0.1 Peak 22.2 +/- 0.1 Amp. 19.8 +/- 0.3
25L/min	Mean 7.7 +/- 0.1 Peak 29.3 +/- 0.1 Amp. 27.5 +/- 0.5	Mean 12.4 +/- 0.1 Peak 31.4 +/- 0.2 Amp. 29.6 +/- 0.2

Mean, Peak and Amplitude PEP (cm H₂O)

FLOW RATE	ANGLE	
	0 Degrees	30 Degrees
5L/min	30.1 +/- 0.1	35.6 +/- 0.1
15L/min	20.8 +/- 0.1	30.9 +/- 0.2
25L/min	17.6 +/- 0.3	25.7 +/- 0.1

Oscillation Frequency (Hz)



Single Patient Use
Store in a cool, dry place

NON-STERILE



LOT

Manufactured by

Moreton Corporation Pty Ltd for

Resolve Healthcare Pty Ltd

PO Box 7140

Holland Park East, Qld, 4121

Australia

www.resolvehealthcare.com.au