

VENTIMYST



**Ventilator Breathing Systems
with Advanced Active Humidification**



LATERAL
MEDICAL



VentiMyst® Advanced Active Humidification **delivers absolute humidity** and **manages** excess rain-out.

The use of respiratory humidifiers and heated wire breathing circuits for active humidification offers many benefits, but can also lead to problems caused by rain-out.

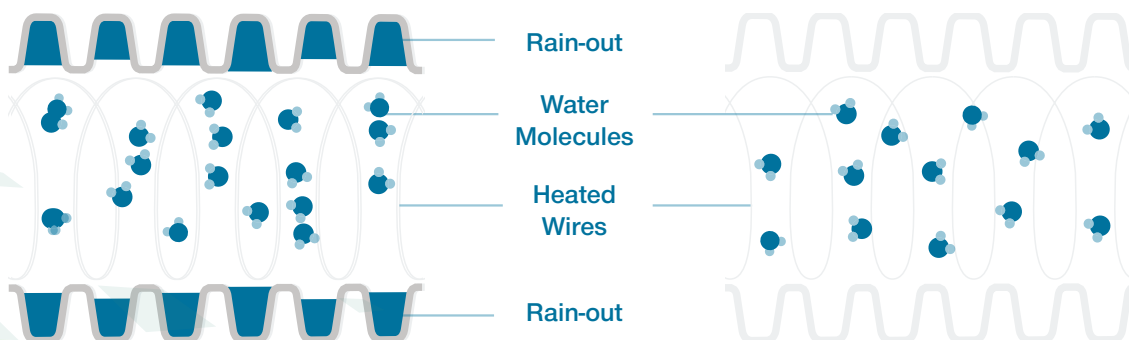
VentiMyst® addresses these problems by preventing the build-up of rain-out in the expiratory limb.

Benefits of reduced rain-out with VentiMyst®

- Lower risk of contamination reaching either the ventilator or the patient
- Minimises need to open or break the circuit to remove excess rain-out, therefore decreasing the risk of Ventilator Acquired Pneumonia¹
- Less risk of increased resistance to gas flow from fluid build-up in the expiratory limb or filter²

VentiMyst® Moisture Management Technology

Reduced build-up of rain-out compared with standard corrugated heated wire limbs.



Standard Corrugated Heated Wire Limb
with rain-out pooling in the limb corrugations

ventimyst®
No build-up of rain-out



Advanced Active Humidification with Reduced Rain-out³

Effective Moisture Management

The VentiMyst® technology reduces the build up of rain-out.

Clinical Confidence

Reduced need to open or break the circuit with associated loss of PEEP and de-recruitment of the lungs.⁵

Reduced Patient Risk

Reduced risk of accidental drainage of rain-out into the patient's airway.⁴

Low Compliance Tubing

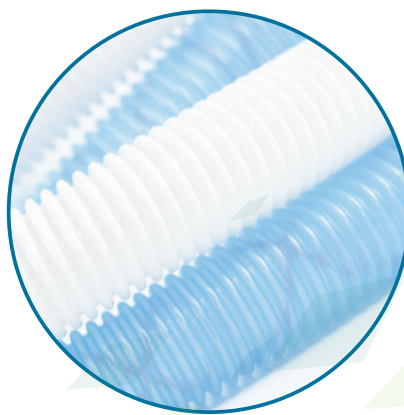
Accurate delivery of gas volumes and ventilation pressures to the patient

Double Valve Auto-Fill Chamber

Two independent floats and primary and secondary valves regulate water flow into the chamber and provide assured protection against overfilling.

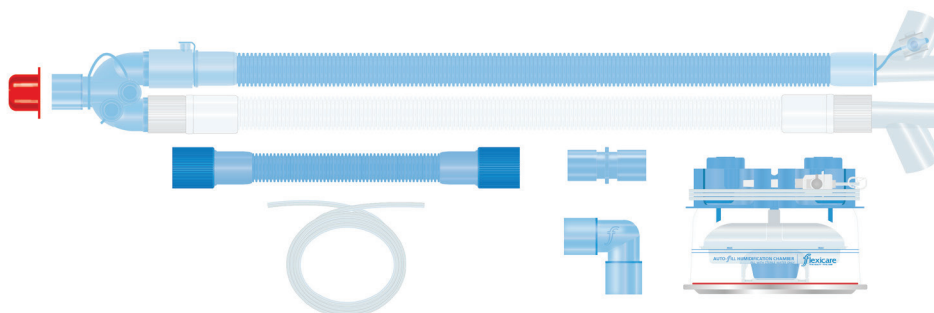
Temperature Transfer Efficiency

Helps prevent gas temperature loss and surface cold spots, minimising rain-out.



References

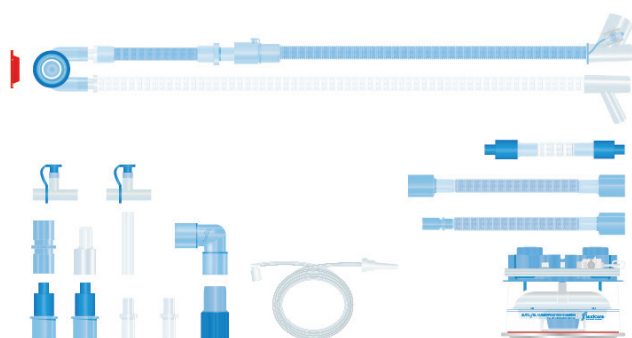
- 1 MV Pravin Charles, et al. Ventilator-associated pneumonia. Australasian Medical Journal. 2014; 7(8): 334–344
- 2 A. R. Wilkes. Heat and moisture exchangers and breathing system filters: their use in anaesthesia and intensive care. Part 2 – practical use, including problems, and their use with paediatric patients Anaesthesia, 2011, 66, 40–51
- 3 Data on file. Flexicare Medical Limited
- 4 AARC Evidence-based clinical practice guidelines: care of the ventilator circuit and its relation to ventilator-associated pneumonia. Respiratory Care 2003;48(9):869-879.
- 5 J Mallett, J.W Albarran, A Richardson. Critical Care Manual of Clinical Procedures and Competencies. Wiley Blackwell & Sons, Ltd. 2013.



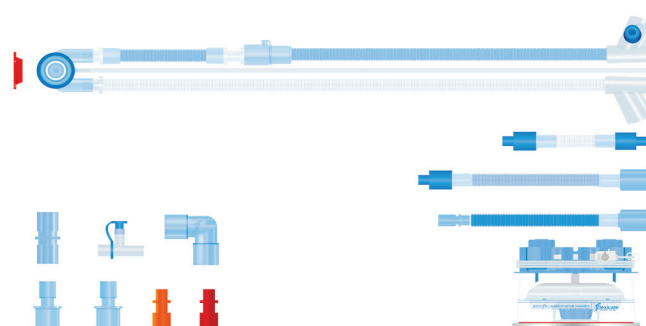
038-31-252

Adult

038-31-252	VentiMyst® Adult Dual Heated Wire with Pressure Line - Kit 1 Adult 22mm Dual Heated Wire Breathing System 1.6m, VentiMyst® Corrugated Expiratory Limb, Y-Piece with MDI Port and Pressure Port, 0.5m Limb, Pressure Line, 22M/22M,15F Connector, 22F/22M Elbow & Auto-Fill Chamber	10
038-31-253	VentiMyst® Adult Dual Heated Wire without Pressure Line - Kit 2 As above without Pressure Line	10



038-33-252



038-33-252/S

Neonatal

038-31-252	VentiMyst® Neonatal Dual Heated Wire with Auto-Fill Chamber - Kit 1 Neonatal 15mm Dual Heated Wire Breathing System 1.6m, VentiMyst® Corrugated Expiratory Limb, Y-Piece with Suction Port, 0.3m Incubator Extension 15mm, 8M/8F Ported T-Pieces, 22M/22M,15F Connector, 8M/15M Connector, Adapter Tube, 22F/22M Elbow, 9-11F/22M,15F Connectors, 10M,8F/15M,11F Connectors, 15F/22F Heated Wire Adapter, Detachable Pressure Line, 0.15m Limb 9-11F/9-11F, 0.6m Limb 22F/22F, 0.6m Limb 15M,11F/22F & Auto-Fill Chamber	10
038-33-253	VentiMyst® Neonatal Dual Heated Wire without Chamber - Kit 2 As above without Humidification Chamber	10
038-33-252/S	VentiMyst® Neonatal Dual Heated Wire for SLE Ventilator with Auto-Fill Chamber - Kit 1 Neonatal 15mm Dual Heated Wire Breathing System 1.6m, VentiMyst® Corrugated Expiratory Limb, Y-Piece with Suction Port & Fixed Pressure Line, 0.3m Incubator Extension 10mm, 22M/22M,15F Connector, 8M/8F Ported T-Piece, 22F/22M Elbow, 15M-22M/15F Connectors, Red & Amber Flow Restrictors, 0.15m Limb 9-11F/9-11F, 0.6m Limb 9-11F/22F, 0.6m Limb 15M, 11F/22F & Auto-Fill Chamber	10
038-33-253/S	VentiMyst® Neonatal Dual Heated Wire for SLE Ventilator without Chamber - Kit 2 As above without Humidification Chamber	10

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TOTAL QUALITY - TOTAL CARE

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