

# NeoFlow<sup>®</sup> VT

Infant Heated and Humidified  
Ventilator Circuits

It's the little things...



...that make a big difference

**NeoFlow® VT - The perfect solution for little ones.**

- Reaches optimum therapy quickly and maintains it consistently
- Intuitive moisture management
  - Prevention of rainout
  - No water trap required
- Unique Swivel Y-Piece with 3-point rotation for optimum comfort
- Antimicrobial protection as standard
- Easy transition to nCPAP and HFOT
- 7-day use on single patient

# NeoFlow® VT

Infant Heated and Humidified Ventilator Circuits

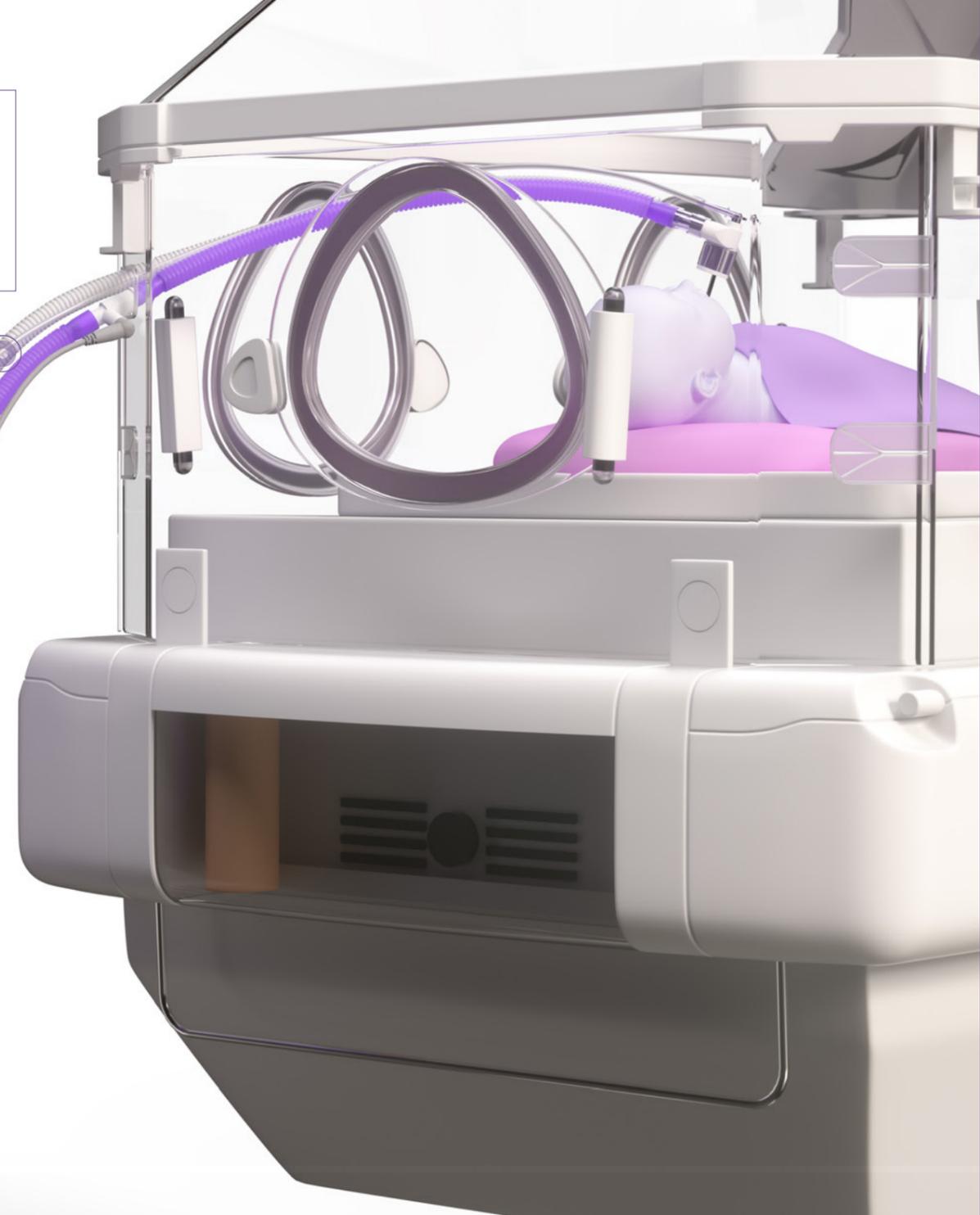
BioCote® antimicrobial silver additive limits the number of microbes on the surface of the ventilator circuit, protecting it from microbial colonisation.



NeoFlow® VT, an advanced ventilator circuit that intuitively manages moisture throughout the system, reaches the optimum therapy delivery quickly and maintains it consistently. This allows you to focus on your patient, not the circuit; helping you to improve outcomes.

The unique layered properties of the expiratory limb achieve a high Moisture Vapour Transmission Rate (MVTR), creating a dry expiratory limb.

The NeoFlow® VT heated wire design minimises loss of water vapour in the inspiratory limb, delivering optimal humidification to the patient.

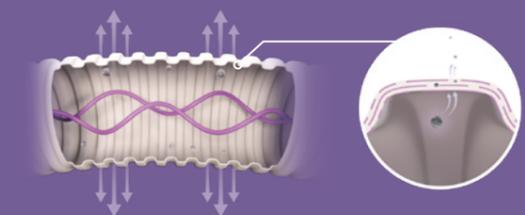


Our unique Swivel Y-Piece has 3-point rotation; enabling smooth movement when maintaining a fixed tracheal tube.



- 1 | Gentle repositioning of infant results in minimal torque to the tracheal tube.
- 2 | Rotational force is transferred to the inspiratory and expiratory limbs.
- 3 | Limbs can be independently repositioned with reduced risk of disconnection.

The expiratory limb uses a unique combination of polymers and production techniques to create a layered structure that allows only moisture vapour to escape, with no loss of gas volume from the circuit.



## How does Vapour Transmission (VT) work?

- 1 | The high Moisture Vapour Transmission Rate (MVTR) is achieved through the unique properties of the layered structure of the expiratory limb.
- 2 | With circuit pressurisation and active heating of the expiratory limb, water vapour navigates a path through the layered structure.
- 3 | Water vapour is released to atmosphere – as water vapour or as condensed water.
- 4 | The expiratory limb remains absent of condensed water at ambient temperatures down to 20°C.
- 5 | This process of vapour permeability is not associated with loss of gas volume from the breathing circuit. It has no effect on ventilator performance or effectiveness under any clinical conditions.

## NeoFlow® VT

Code	Description	Case Quantity	Pallet Quantity
AMVC1775-203	<ul style="list-style-type: none"> <li>• NeoFlow® VT ventilator circuit for SLE 4000, 5000 and 6000</li> <li>• Dual limb heated for use with '850' series heater humidifier</li> <li>• Length 1.35m with heated inspiratory and expiratory limbs</li> <li>• Flow restrictor</li> <li>• Pressure line assembly</li> <li>• Humidification limb length 0.6m</li> <li>• Auto-fill humidification chamber</li> <li>• Nitric oxide delivery kit and adaptor kit</li> </ul>	20	240
AMVC1775-204	<ul style="list-style-type: none"> <li>• NeoFlow® VT ventilator circuit</li> <li>• Dual limb heated for use with '850' series heater humidifier</li> <li>• Length 1.35m with heated inspiratory and expiratory limbs</li> <li>• Pressure line assembly</li> <li>• Humidification limb length 0.6m</li> <li>• Auto-fill humidification chamber</li> <li>• Nitric oxide delivery kit and adaptors</li> </ul>	20	240

NeoFlow® VT is part of the NeoFlow® range which includes medical equipment and circuits. The entire range has been designed to allow simple and easy transition between therapies saving both time and waste. Each circuit is designed for 7-day use on a single patient.

Find full details of the NeoFlow® VT range at [www.armstrongmedical.net](http://www.armstrongmedical.net)



[armstrongmedical.net](http://armstrongmedical.net)

Wattstown Business Park, Newbridge Road,  
Coleraine, BT52 1BS, Northern Ireland.

T +44 (0) 28 7035 6029

F +44 (0) 28 7035 6875

[info@armstrongmedical.net](mailto:info@armstrongmedical.net)