

AquaVENT® VT

Heated Humidified Ventilator Circuits

**INTUITIVE
MOISTURE
MANAGEMENT**





SOME MOISTURE CAN BE DIFFICULT TO MANAGE

Moisture in ventilator circuits can be difficult to manage, taking time and effort away from the patient.



AquaVENT[®], the only critical care respiratory circuits with antimicrobial protection as standard. All AquaVENT[®] circuits feature BioCote[®] silver ion technology giving them antimicrobial properties, creating a circuit upon which microbes cannot survive.

BioCote[®] is added to the polymer mix during manufacture making it an integral part of the circuit that cannot be scratched or wiped off. The addition of BioCote[®] antimicrobial technology as standard is part of our commitment to help you provide the highest standards of patient care.

AquaVENT® VT HEATED VENTILATOR CIRCUITS

AquaVENT® VT INTUITIVE MOISTURE MANAGEMENT

An advanced ventilator circuit that intuitively manages moisture throughout the system allowing you to focus on the patient. Like the entire AquaVENT® range, it is designed to get to the optimum therapy quickly and maintain it consistently.

The 1.2m chamber feed line prevents back pressure ensuring the chamber always has the correct amount of water.

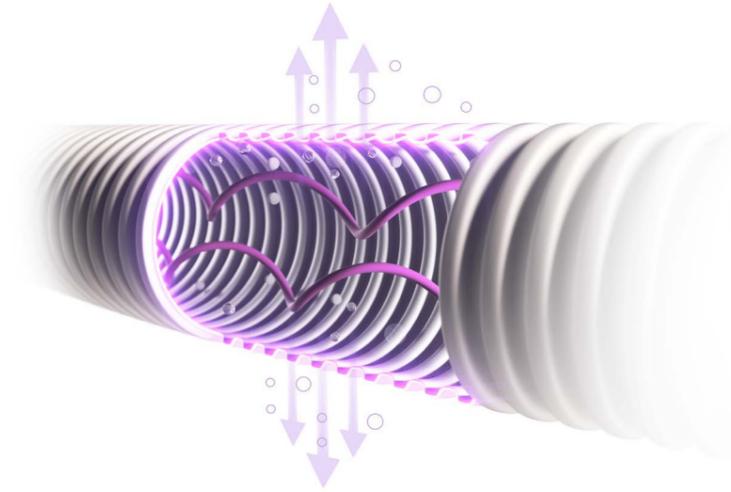
The autofill **heated humidifier chamber** supplies the correct amount of water to the chamber allowing it to start producing moisture vapour quickly and then maintain this consistently.



A heated **Inspiratory limb** maintains the gas for the length of the limb, delivering heated humidified gas to your patient. Temperature probes at the chamber & at the patient interface allow you to ensure this remains consistent.

A vapour permeable **Expiratory limb** allows the system to remain dry for the duration of the therapy. The unique layered design of our expiratory limb, which is heated above 40°C, achieves a high Moisture Vapour Transmission Rate (MVTR) letting the moisture vapour escape through the circuit wall. The circuit stays dry resulting in less filter changes & promotes a closed system.

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



Vapour Transmission (VT) how does it 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.

AquaVENT® VT

Code	Description	Case Quantity	Pallet Quantity
AMVC1775-128	<ul style="list-style-type: none"> • Adult AquaVENT® VT ventilator circuit • Dual heated limbs for use with '850' series heater humidifiers • Length 1.5m with heated inspiratory limb • Heated breathable expiratory limb • 0.45m humidification limb • Bacterial viral breathing filter • Auto-fill humidification chamber 	20	240

AquaVENT® VT is part of the AquaVENT® 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 14 day use on a single patient.

Find full details of the AquaVENT® VT range at www.armstrongmedical.net



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