

EVAQUA™ Breathing Circuits



Your solution to expiratory condensate

EVAQUA is the world's first breathing circuit developed to eliminate expiratory limb condensate through the use of permeable membrane technology.

EVAQUA technology allows water vapor to diffuse out through the expiratory limb wall before it has an opportunity to condense into liquid water within the circuit limb or the ventilator.

The result is an easy-to-use system which is designed so that the breathing circuit can remain closed and free of clinician intervention. This, in turn, benefits both the patient and the clinician.

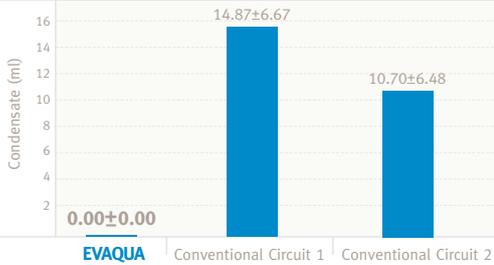
EVAQUA TECHNOLOGY | FEATURES

WHAT WILL EVAQUA TECHNOLOGY MEAN FOR YOU AND YOUR PATIENTS?

- Eliminates expiratory limb mobile condensate
- Reduces the need for clinician intervention to break open the expiratory limb
- Reduces ventilation issues (autopeep, ventilator dysynchrony) caused by mobile expiratory circuit condensate
- No water traps to empty
- Reduces condensate buildup in expiratory filters
- Alleviates ventilator alarm issues related to expiratory block condensate
- Saves clinician time

PROMOTES A
MAINTENANCE
FREE, CLOSED
SYSTEM.

Infant Expiratory Limb Condensate after 72 hours



Benefits of a closed system

Reduces opportunities for pathogen transfer to the patient or clinician

Ventilation remains uninterrupted, maintaining PEEP and promoting lung recruitment

ADULT & INFANT EVAQUA BREATHING CIRCUITS AVAILABLE



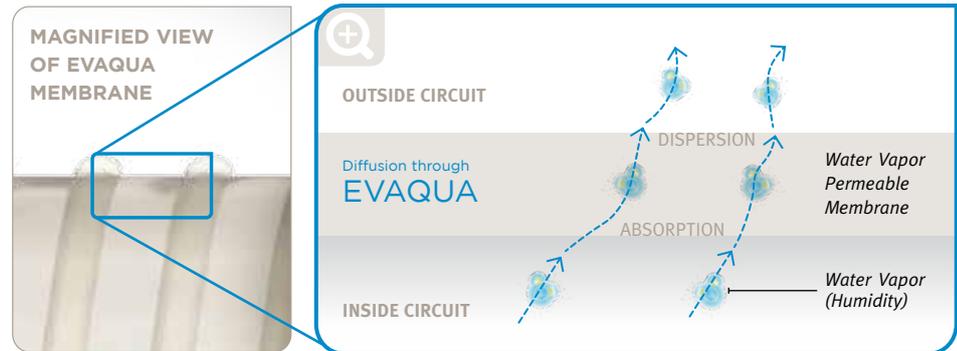
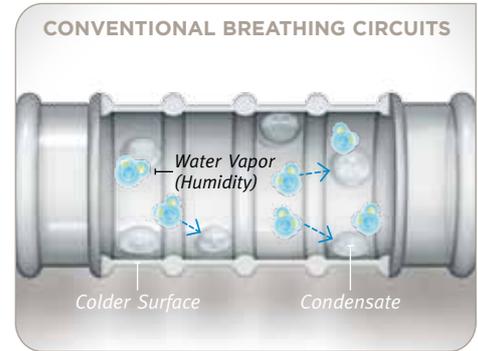
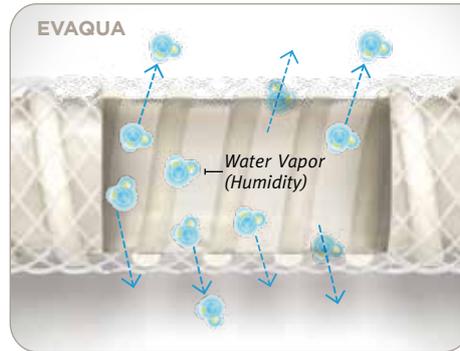
Pictured: Infant EVAQUA Breathing Circuit

HOW DOES EVAQUA WORK?

With conventional circuits, condensate can form inside the expiratory limb or ventilator when humidity in the expiratory gas flow touches cooler surfaces along the gas path.

EVAQUA allows the humidity in the expiratory limb to freely diffuse through the wall of the breathing circuit before it has an opportunity to condense and form into liquid water.

Humidity passes through the wall of the expiratory limb via a membrane material that is permeable to water vapor. Due to the special nature of this material, the membrane allows water vapor to pass through the wall of the circuit while retaining a gas seal. Pathogens are also blocked as the membrane is only permeable to water vapor.



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