

F&P **Evaqua 2™**

with MicroCell Technology™



A world first you
should look into

Fisher & Paykel
HEALTHCARE

Evaqua2 Features

Evaqua2. It's a world first in breathing circuit technology that allows water vapor to diffuse through the tubing wall. Evaqua2's MicroCell membrane technology clears humidity from the expiratory limb – minimizing the chance of it forming into liquid water.

The Benefits are Clear...

- Minimizes Expiratory Limb Mobile Condensate
- Promotes a Maintenance-Free, Closed System





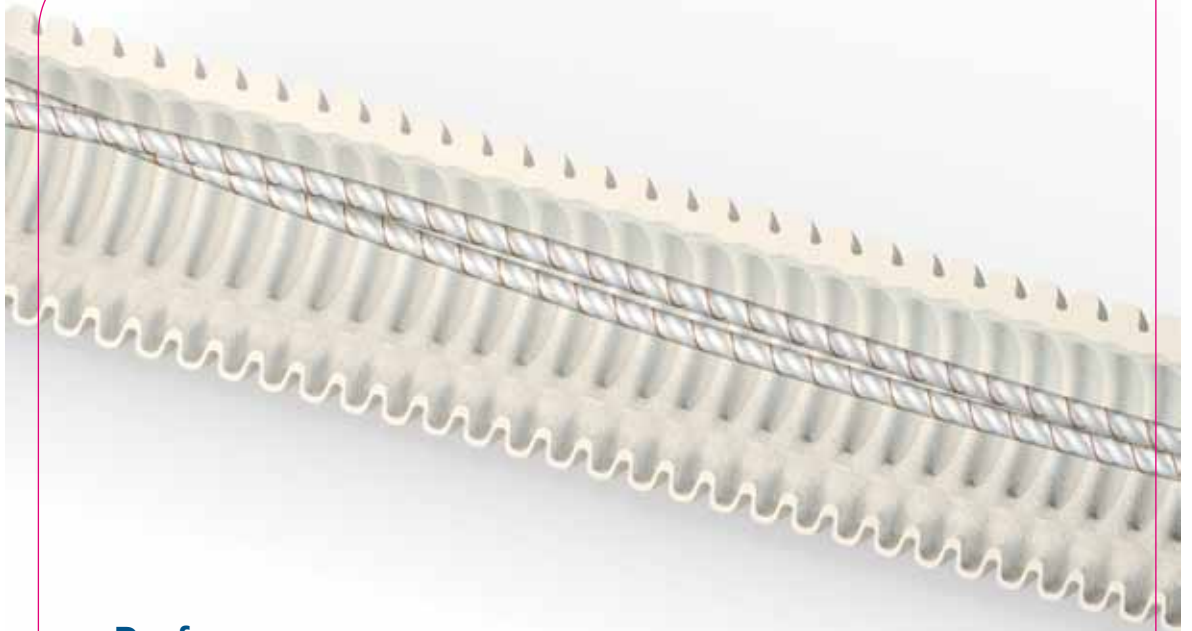
Protection

through a robust wall structure.



Humidity Transfer

takes place through MicroCell technology.



Performance

is enhanced through a heater wire and spine construction.

Minimizes Expiratory Limb Mobile Condensate

Evaqua2 with MicroCell Technology reduces issues caused by expiratory condensate.

- Reduces the need for clinician intervention to break open the expiratory limb
- Reduces ventilation issues (auto-PEEP, ventilator dyssynchrony)
- 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

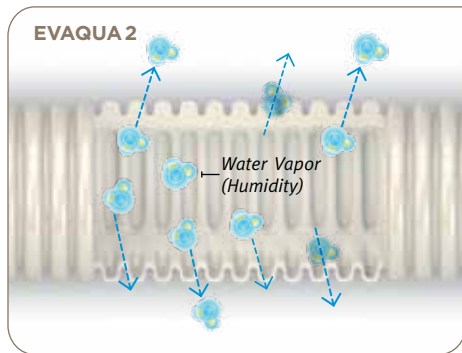
Evaqua2 with MicroCell Technology reduces the need for clinician intervention to break open the expiratory limb to remove condensate.

- Reduces the risk of pathogen transfer to the patient or clinician
- Ventilation can remain uninterrupted, maintaining PEEP and promoting lung recruitment
- Saves clinician time

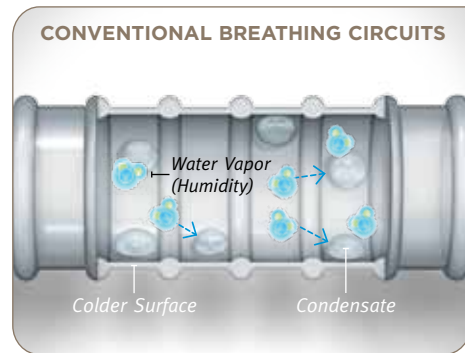


Evaqua2 Comparison

Evaqua2 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.

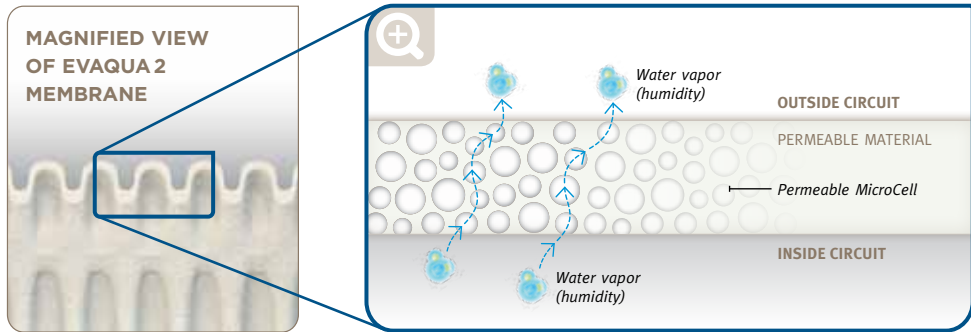


With conventional circuits, condensate can form inside the expiratory limb or ventilator when humidity in the expiratory gas flow touches cooler surfaces along the gas path.



How MicroCell Technology Works

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



For more information please contact
your local Fisher & Paykel Healthcare representative

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