Evone has the patented ventilation mode FCV®. FCV® is unique in creating a stable gas flow into and out of the patient’s lungs to generate an inspiration and expiration, respectively. FCV® is a dynamic ventilation mode, without pauses, aiming for linear changes in both volume and pressure. FCV® prevents abrupt intrathoracic pressure drops by means of the controlled expiration.

Further, Evone has a Jet mode providing Jet Ventilation.

**Applications:**
- ENT/Laryngeal/Tracheal surgery
- Cardio-thoracic surgery
- One-Lung ventilation
- Laparoscopic surgery/Trendelenburg position
- Procedures involving obese patients
- (expected) Difficult airway

**Tritube® and conventional tubes**
Evone’s FCV® ventilation mode can be used with Ventinova’s Tritube, an ultrathin endotracheal tube (outer diameter 4.4 mm) with an inflatable cuff to secure the airway. Also any adult endotracheal tube (>5 mm ID).

**Advantages**
- Better gas exchange
- Improved lung recruitment and less atelectasis
- Exceptional in upper airway surgery
- FCV® Ventilation using:
  - Conventional tubes
  - Ultrathin Tritube®
- Two ventilation modes:
  - FCV®
  - Jet ventilation
- Less energy dissipation in the lungs

**Redefining Ventilation**
- Small Lumen
- Higher Efficiency
- Lower Energy
**Evone: Controlled inspiration and expiration**

Evone is the only commercially available ventilator applying FCV®, directing both the inspiration and the expiration of an anesthetized patient requiring mechanical ventilation. Evone’s FCV® ventilation mode is based on a controlled inspiration and expiration flow from a set PEEP to a set peak pressure and vice versa, relying on intratracheally measured pressures.

### SMALL LUMEN
- FCV® enables use of ultrathin cuffed endotracheal tubes
  - Tritube® (O.D. 4.4 mm):
    - New surgical possibilities
    - Easy intubation of even difficult airways
    - Increased intubation of even difficult airways
    - Clear sight and non-vibrating vocal cords
    - Minimized contamination risk

### HIGHER EFFICIENCY
- FCV®’s low flow rates are better able to reach the high resistant and dependent lung part, that have a better perfusion.
- FCV®’s control of the expiration maintains airway pressure and keeps the gas longer in the alveoli.
- Together, FCV® avoids atelectasis while improving gas exchange.

### LOWER ENERGY
- FCV® results in smooth tidal movements of the diaphragm and thoracic wall throughout the ventilation cycle.
- FCV® results in reduced application of mechanical power and less energy dissipation in the lungs.

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**Order information**

**Evone Control Unit**
- Order number: 6000

**Airway Adapter**
- Order number: 6125

**Cartridge**
- Order number: 6115

**Filter**
- Order number: 12012

**Breathing Tubing**
- Order number: 6120

**Evone Control Unit**
- Order number: 6000

**Airway Adapter**
- Order number: 6125

**Cartridge**
- Order number: 6115

**Filter**
- Order number: 12012

**Breathing Tubing**
- Order number: 6120

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