



The Drager Fabius OS is a highly accurate, third-generation E-vent piston ventilator. The Fabius OS does not require drive gas to operate. The universal design of the electronically controlled, electrically driven piston ventilator enables clinicians to effectively ventilate a wide range of patients at different acuity levels from neonates to adults. This Fabius is optimized for safe and accurate delivery of low-flow anesthesia due to its precision piston ventilator, fresh gas decoupling valve, and actively heated breathing system, which is designed to eliminate rainout.

Features

- Familiar operation and layout ensures ease of use and a short learning curve.
- RS 232 enables communication with automated record keeping systems for enhanced patient throughput.
- Convenient compact breathing system (COSY).
- Ventilates any patient - even as your needs change to accommodate sicker patients with more complex procedures.
- Consumes no drive gas, allowing dramatically increased ventilation time and reduced cost.



Specifications

Dimensions	40.7 x 52 x 33 " (103.5 x 132 x 84 cm) (W X H X D) (with Cosy and 3-Vaporizer Mount).
Weight	296 lbs. (134.2 kg) (base unit without vaporizers or cylinders).
Power Supply	100 - 240 VAC, 50/60 Hz, 2.3 A max. (non-configurable).
Operating Time	Up to 120 minutes, minimum 45 minutes. (With fully charged batteries.)
Ventilator E-vent:	Electronically controlled, electrically driven.
Operating Modes Standard:	Volume Controlled Ventilation, Manual Ventilation, Spontaneous Breathing.
Operating Modes Options:	Pressure Controlled Ventilation, Pressure Support.
Breathing frequency:	4 to 60 1/min.
Max. Minute volume (MV):	0 to 99.9 L/min.
Positive end-expiratory pressure:	0 - 20 cmH ₂ O (PEEP).
Inspiration / Expiration ratio:	4 : 1 to 1 : 4 (TI:TE).
Pressure Limiting:	15 - 70 cmH ₂ O (P _{MAX}).
Tidal Volume (VT):	20 - 1400 mL in Volume Control.
Inspiratory pause (TIP:TI):	0 - 50 %.
Inspiratory pressure (PINSP):	PEEP + 5 to 65 cmH ₂ O.
Inspiratory flow (InspFlow) 1:	0 - 75 L/min in Volume and Pressure Control. 10 - 85 L/min in Pressure Support.
Pressure Support Level (Δ PPS):	PEEP + 3 to 20 cmH ₂ O.
Min. Frequency for apnea-ventilation:	3 - 20 1/min and " OFF " (Freq. Min).
Trigger:	2 - 15 L/min.
Integrated safety functions:	<p>Sensitive Oxygen Ratio Controller (S-ORC) guarantees a minimum O₂ concentration of 23% in an O₂/N₂O mixture.</p> <p>N₂O cut-off if O₂ fresh gas valve is closed or if O₂ flow is less than 0.2 L/min.</p> <p>Audible and visual (flashing red LED) indication in case O₂ pressure drops below 20 psi (1.4 bar) ± 4 psi (0.3 bar).</p> <p>In case of electricity and battery failure, manual ventilation, gas delivery and agent delivery are possible.</p> <p>Positive pressure relief valve opens at 75 ± 5 cmH₂O.</p>

