

EZ-BREATH THE

VETERINARY VENTILATOR

The EZ-Breathe (EZB) was designed to be the simplest anesthesia ventilator available to veterinarians today. Unlike other ventilators that demand both the space in your operating room and the attention of your technicians, EZB becomes just one more part of your routine surgical procedure. It fits comfortably into any operating room size / protocol and is designed to be permanently attached to your anesthesia machine ready to be used at the push of a button. For patients not requiring mechanical ventilation, the EZB functions as a reservoir bag so it never needs to be removed from your anesthesia machine.

The EZB is very easy to set up and run. Just connect the EZB to your anesthesia machine, set the Inspiratory Rate, Breaths Per Minute, and Peak Inspiratory Pressure. Adjust your vaporizer, press a button and EZB will begin ventilating and delivering anesthesia to your patient.

- The EZB is a very cost effective way to ventilate a veterinary patient
- Simple to set up in less than 5 minutes, easy to operate
- Compact design, takes up almost no space, weighs only 2 lbs
- Ventilates patients from 1kg to 120kg (2lbs to 264lbs)
- Fill & Hold button
- Electronic and mechanical pop-off for added safety
- No inconvenient or cumbersome accessories
- Easy to wean patients off after surgery
- Designed and proudly made in the USA

Specifications

Ventilation Mode:	Pressure Limited*
Minimum Patient Weight:	1 kg
Maximum Patient Weight:	120 Kg
Drive Gas:	O ₂ , N ₂ , or Clean Dry (Compressed) Air
Drive Gas Pressure:	50 psi @ 4.6 scfm at maximum flow
Breaths per minute:	5-25 BPM
Peak Inspiratory Pressure:	8-25 cm Water
Flow Rate - Standard Mode:	6-85 LPM
Flow Rate - Large Dog Mode:	75-130 LPM
I:E Ratio:	1:2 Fixed
PEEP:	3 cm Water (approx.)
Power Requirement:	110-240 VAC, 6 watts max

1L, 2L, & 3L compression bags included

Physical Specifications

Weight:	2 Lbs
Size of Main Body:	4.33" Diameter x 3.75" High
Overall Height:	8.5"
Shipping Dimensions:	15" X 13" X 7"
Shipping Weight:	6 Lbs

www.ez-breathe.com

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www.englerO2.com / www.25KSeries.com
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ALMOST ALL surgeries performed in human hospitals are aided by mechanical ventilation.

ALMOST NO surgeries done in veterinary hospitals are aided by mechanical ventilation.

WHAT do our counterparts in human medicine know that we don't?

- They know that virtually all anesthetized patients hypoventilate.
- Mechanical ventilation provides stabilization of ET_{CO2} by controlling the rate and depth of respiration.
- They know that anesthetic agents are respiratory depressants.
- Moderate to severe hypoventilation can decrease uptake of isoflurane or sevoflurane to the point that an adequate plane of anesthesia cannot be reached.
- Mechanical ventilation prevents panting and apnea, thereby stabilizing the plane of anesthesia.

WHAT patients benefit from the use of an anesthetic ventilator?

- Patients that are obese
- Patients that are very young
- Patients with metabolic disease
- Patients with lung disease
- Patients with neuromuscular blocking agents
- Patients with congenital airway conditions
- Patients that are elderly
- Patients that are brachiocephalic
- Patients undergoing long procedures-think dentals
- Patients undergoing thoracic surgery
- Patients with head injuries
- Patients with chest trauma

In fact, almost any patient undergoing anesthesia will benefit from the use of an anesthetic ventilator!

Why else should we ventilate?

Knowing that the patient is breathing and properly ventilated at all times reduces the stress in the operating room. There is nothing worse than hearing "did she stop breathing?" while you are focused on your surgery. Using an anesthetic ventilator on all patients also allows the anesthesiologist or veterinary technician to focus on other things that might be overlooked if there was a problem providing adequate ventilation.

Why aren't we ventilating?

- Ventilators are too confusing to use.
- Ventilators take up too much space.
- Ventilators are too expensive.
- Ventilators are too complicated to set up.
- Ventilators have to be detached after each use.

What's different about EZ-Breathe Ventilator (EZB)?

- The EZB was designed by a practicing veterinarian to be the simplest to use anesthesia ventilator available to veterinarians today.
- EZB is cost effective
- EZB is easy to hook up
- EZB can be attached to your anesthesia machine in under 5 minutes and you are ready to go!
- EZB is simple to use
- EZB has only 3 dials to set, then press the button to start ventilating your patient!
- EZB replaces your anesthesia machine's reservoir bag so it takes up no additional space in your already crowded operating room.
- EZB's bag functions like a normal reservoir bag when the ventilator is off.
- EZB can provide spontaneous respiration ventilation.
- EZB is designed to be permanently attached to your anesthesia machine, ready to go at the push of a button.

