

SAV04 FAQ

Q: What type of ventilator is the SAV04?

A: The SAV04 is a pressure-cycled ventilator and uses only the incoming gas flow from a standard anaesthetic machine.

Q: Do I need a source of pressurised gas to run SAV04?

A: The SAV04 is not a bag-in-a-bottle ventilator and so does not need a separate pressurised gas supply to run. Only the normal fresh gas flow for the patient is required.

Q: What size of animals can be ventilated by the SAV04?

A: The lower weight limit is around 30g but will vary depending on species and the required breathing rate. The upper weight limit is 12kg when fitted with our standard stainless steel valve. When fitted with our optional plastic valve animals up to 40kg can be ventilated but these do require very high gas flow rates (6-10L/min) on this type of ventilator. We recommend that this upper weight range is only used with emergencies or where the wastage of gas is acceptable, such as when running from an oxygen concentrator.

Q: Is the SAV04 portable?

A: Yes. The SAV04 has an internal battery that will allow constant operation for about 6 hours

Q: Are there any alarms on the SAV04 to indicate any problems?

A: Yes. The SAV04 has a few basic alarms for the following conditions: Valve Disconnect, Low Battery, No Breath, Overpressure, Offset Error for when calibration is needed,

Q: Can I set the Inspiratory time on the SAV04?

A: No. It is not possible to set the inspiratory time on any pressure-cycled ventilator as the end of inspiration is controlled by pressure not time. The Inspiratory time is determined by the incoming Fresh Gas Flow (FGF) rate from the anaesthetic machine

Q: Can I set the Expiratory time on the SAV04?

A: Yes. The Expiratory time can be set for any time from 0.1 seconds to 60 seconds.

Q: What control features does the SAV04 provide for ventilation?

A: The SAV04 is a simple pressure-cycled ventilator designed for simplicity. The user can set the following: Maximum Inspiratory Pressure and Expiratory Time. With the additional control over inspiratory time via FGF, this gives control over breathing rate and depth of breathing

Q: What happens if the mains power fails when SAV04 is attached to the mains supply?

A: The internal battery will immediately take over and power the ventilator with no interruption or effect on performance. If the batteries are full charged this will provide power for up to 6 hours.

Q: What is the difference between the SAV03 and the SAV04?

A: The SAV04 is a totally re-designed version of the SAV03. We have kept the original simple interface of two switched and two control knobs but added a behind-the-scenes microprocessor for improved ventilator control and user features. The SAV04 has all of the features of the SAV03 plus the following:

Battery powered

Graphic Display Screen

On-screen bar graph pressure display

Alarms

Auto-calibration of the attached valve unit

Can be linked to a PC for data logging and/or control

Firmware can be updated remotely via the PC and a USB cable

Hours of use measured and displayed at start-up

Reporting of I:E ratio on the main display

Reporting of RR on the main display

Q: Can I use the valve unit from my old SAV03 with my new SAV04?

A: No. The two valve units run on different voltages and cannot be inter-changed.

Q: Can I trade in my old SAV03 for a new SAV04?

A: Yes. We offer a minimum £250 trade-in for your old SAV03, more if your SAV03 is under a year old.

Q: Does the SAV04 need servicing?

A: Yes. The SAV04 needs an annual service to keep the mechanical control valve in good working order

Q: How do I arrange a service for my SAV04 unit?

A: Either give us a call and we will guide you through it or visit our web site and the SAV04 page for a downloadable document on the service procedure.

Q: Do you repair the item in the UK?

A: Yes. All repairs are carried out in the UK with the exception of custom modules such as the Phasein Gas Analysers which we send to Sweden for repair

Q: Is it designed specifically for animals?

A: Yes. All of our equipment is designed specifically for the animal market. We do not adapt medical devices for veterinary use.

Q: What warranty do you offer?

A:We offer a standard 1 year warranty covering parts and labour. For full warranty terms, see our Warranty document at <http://www.vetronic.co.uk/faqs>

Q: How do I keep the Serial Number / run time screen on for a long period?

When the first screen appears with Vetronic Services Ltd, hold down the IPPV toggle switch until the next screen appears. At this point, let go of the switch. You will know this has worked when the IPPV light turns from green to red. The screen will stay this way until the switch is pressed again.

Q: I get a single beep alarm every so often and I can't see the error message

The chances are this is a high pressure alarm. The alarm message does disappear quite quickly. Stare at the top centre of the screen until you get the beep.