



## The SAV03

### *Precise, pressure-cycled ventilation*

**HOW DO YOU ventilate a small budgie? Or a cat with a ruptured diaphragm, when it can't breathe spontaneously?**

*For a lot of people the answer's simple – just use manual IPPV. But, can you be sure you're not over-inflating the lungs and causing potentially life-threatening damage? No, you can't. You know a ventilator would be nice, but they cost thousands don't they? Actually, the SAV03 is only a fraction of what you would expect to pay and it is so simple to use you'll wonder why you didn't get one before.*

**With the SAV03 you can:**

- ✔ Ventilate animals from a few grams to over 10kg
- ✔ Use as a standard T-piece until IPPV is needed
- ✔ Control respiratory rate and ventilation pressure
- ✔ Free your nurse to help you during complicated procedures

**Key features**

- Simple, yet versatile to use
- Ideal for ruptured diaphragm repairs in cats
- Works on a whole range of species, including exotics
- Independent control of inspiratory and expiratory parameters
- For animals from a few grams to over 10kg
- Fits neatly on the operating table or anaesthetic machine
- Will work with any standard anaesthetic machine
- Has standard 15mm connectors for ET tubes
- Clear digital display and status indicators
- Working range from 1 to 40cm H<sub>2</sub>O pressure
- Mains powered, with automatic fail-safe mode



**Ventilation Equipment**

## Ventilation Equipment

# The SAV03

## *Precise, pressure-cycled ventilation*

The SAV03 is a mains-powered, pressure-cycled ventilator, designed by vets for use on intubated animals up to 10kg in weight.

Using the incoming gas from your anaesthetic machine, the SAV03 controls the gas delivered to the patient in the inspiratory phase until a set airway pressure is reached, at which point the patient is allowed to exhale. A user-defined delay then elapses before inspiration begins again and the cycle repeats. By using pressure-cycled ventilation it is easy to ventilate even very small animals safely. The peak airway pressure can be adjusted to control the depth of respiration. This airway pressure is shown on a clear, bright digital display together with valve status indicators for instant visual feedback on the state of your patient.

The SAV03 can be safely used in mammals, birds and reptiles for procedures lasting from minutes to hours.



### Technical Specification

| Mechanical                          |   |
|-------------------------------------|---|
| Dimensions                          | 15cm x 18cm x 8cm   |
| Weight                              | 1400g   |
| Construction                        | ABS Plastic in Black with front tilt feet   |
| Electrical                          |   |
| Supply voltage                      | 240 volts 50hz AC mains only.<br>European and USA versions available                            |
| Power consumption                   | 10 watts  |
| Rear panel fuse rating              | 800 mA  |
| Plug fuse rating                    | 3 amps  |
| General                             |   |
| Intended use                        | Domestic animals up to 10kg in weight   |
| Anaesthetic apparatus configuration | T-piece with halothane / N <sub>2</sub> O / O <sub>2</sub> mixture in a non-rebreathing circuit |
| Mode of operation                   | IPPV by outlet occlusion/pressure-cycled device   |
| Preset trigger range                | 0-40 centimetres water pressure   |
| Resolution                          | 1 centimetre water pressure   |
| Expiratory phase range              | 1 to 30 seconds   |
| Respiratory rate range              | 2 to 120 breaths per minute (depending on inspiratory flow rate)                                |