

Ventilator, Emergency & Transport

The **Pneupac® VR1** emergency ventilator is designed for caregivers wherever breathing failure emergencies occur: in hospitals, industrial or commercial settings, transport situations, or remote locations. The unit's simplicity, portability, and safety make it the ideal choice for emergency ventilation. A single control for setting the frequency and tidal volume, including a click-stop setting at the recommended adult position, enables rapid set-up in demanding circumstances. Auto/manual controls, a patient demand system, MR compatibility, and other features provide the means to manage respiratory emergencies.



SMV-1000



SMV-1100



VR1 Emergency and Transport Ventilator

- Small, lightweight design has all the advantages of portability, without compromising key clinical features.
- Single control for tidal volume/frequency control enables quick set-up for patients' requirements.
- Auto/manual control allows the operator to choose automatic mode or to provide ventilation manually.
- Integrated patient demand system allows synchronized interaction with the patient's own breathing efforts.
- Oxygen powered unit eliminates the need for electricity.
- Linked manual controls allow the ventilator to be used in a variety of chest compression/ventilation options in cardiac life support.
- Patient valve/input hose is extremely flexible and easily removed for cleaning.
- MR compatibility provides maximum flexibility for transport within the hospital.
- Optional Air Mix feature

Technical Specifications

- **Principle of Operation**
Oxygen powered, hand-held control unit with patient valve including automatic and manual modes with demand breathing
- **Manual Mode**
Preset breaths, singly or in a controlled breathing pattern may be selected by use of a push-button or omni-directional lever
- **Automatic Mode**
The ventilatory resuscitator cycles in accordance with the setting of a single control that changes the tidal volume and frequency dependently with a constant I:E ratio of 1:2
- **Patient Type**
Patients above 10kg with and without spontaneous breathing
- **Demand**
Included
- **Control**
Single, calibrated, tidal volume/frequency control gives simultaneous and inter-dependent adjustment of tidal volume and frequency
- **Tidal Volume and Frequency**

150 ml/25 bpm	750 ml/11 bpm
300 ml/20 bpm	900 ml/10 bpm
450 ml/15 bpm	1050 ml/10 bpm
600 ml/12 bpm (detent)	
- **Flow Range**
11-32 L/min
- **Air Mix**
Optional
- **Pressure Relief with Pneumatic Alarm**
40 cm H₂O standard
60 cm H₂O optional when purchased
- **Dimensions**
Length: 6.69 inches (170 mm)
Width: 3.74 inches (95 mm)
Height: 3.94 inches (100 mm) including patient valve
- **Weight**
14.82 ounces (420 grams)
- **Standards**
EN60601-1, EN794-3: 1999
- **Catalog Number**
520A1125 Pneupac® VR1
520A1126 Pneupac® VR1 with Air Mix

Patient Circuits

122002	Circuit, Disposable w/ PEEP, Patient Valve & /EXH COLL (10/PK)	PKG	10	\$185.00
122003	CIRCUIT PATIENT DISPOSABLE 10/PK	PKG	10	\$109.00

Regulators

WW331002S	REGULATOR ASM OXYGEN BOXED W/REF LABELS PNEUPAC 1/EA	EA	1	\$173.00
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Systems

SMV-1000	PNEUPAC VR1 AHA VENTILATOR W/REGULATOR AND CIRCUIT 1/EA	EA	1	\$2,431.00
SMV-1100	PNEUPAC VR1 AHA VENTILATOR W/AIR MIX W/REGULATORS & CIRCUIT 1/EA	EA	1	\$2,874.00

Valves

520A1088	VR1 PATIENT VALVE ASSEMBLY - BOX OF 10	PKG	10	\$419.00
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