



# CAREvent<sup>®</sup> ALS



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Part #: 01CV3000

***Handheld Automatic  
Transport Resuscitators***

# CAREvent<sup>®</sup> ALS

The **CAREvent<sup>®</sup> ALS Handheld Resuscitator** provides trained individuals with a safe and effective means of providing artificial ventilation during respiratory and/or cardiac arrest.

The **CAREvent<sup>®</sup> ALS Handheld Resuscitator** is a pneumatically powered, time/volume cycled resuscitator with the added feature of a **Manually Actuated, Automatic Ventilation Override Button** (Manual Button). Depressing the Manual Button stops the automatic cycling and allows the operator to provide the breaths manually in time with the chest compressions. In the **G2K model**, the delay to automatic cycling re-start is 10 seconds allowing the provision of 15 chest compressions in line with the International Guidelines 2000 for Resuscitation.

Following depression of the button and the provision of 2 manually actuated breaths in accordance with these guidelines, the automatic cycling re-start is inhibited for 10 seconds. This allows the rescuer to provide the 15 chest compressions required by the Guidelines 2000 from the AHA and ERC without the ventilator attempting to provide the next breath.

If the Manual Button is not depressed again the automatic cycling will re-start without any intervention by the operator being necessary.

The single slider control for the simultaneous adjustment of ventilation frequency and tidal volume has six preset automatic and manual override settings for a range of patients from 20 kg. body weight to large adults.

An OFF position is provided so that the device can be left attached to the gas supply with the supply turned on ready for immediate use.

The patient is protected from barotrauma due to over inflation by the audible, Pressure Relief System. This warns the operator of airway obstruction or airway restrictions. The excess delivered volume is discharged to atmosphere.

The **CAREvent<sup>®</sup> ALS Handheld Resuscitator** also offers a “**Demand Breathing**” feature. This allows breathing patients to spontaneously breathe through the resuscitator on 100% oxygen, at their own desired rate and volume.

In addition, their inspiratory efforts cause the automatic cycling to cease. Should they cease breathing, the ventilator will automatically restart cycling in the automatic setting selected without intervention from the operator.

**NOTE:** To ensure proper ventilation of the patient in a weakened respiratory state, the automatic cycling shut off will only activate if the patient's inspiratory efforts are adequate.

Hand-held, lightweight, portable, simple to use and extremely durable, the **CAREvent<sup>®</sup> ALS Handheld Resuscitator** is designed for the demands of the emergency resuscitation and rescue environment.

## SPECIFICATIONS

Tidal Volume:	0.2 - 1.1 litres	Storage Temperature:	-40°C to +60°C (-40°F to 140°F)
Breaths Per Minute:	20 - 12	Relative Humidity for Storage and Operating Use:	15 to 95%
I:E Ratio:	1 : 2	Input Connection:	9/16" DISS
Automatic Flow Rate Range:	12 - 39.6 LPM	Patient Valve Dead Space:	8 ml.
Manual Flow Rate Range:	As per Vt/BPM Control Setting	Dimensions (inches):	5.5 x 2.5 x 2.9 (approx)
Demand Breathing Flow Rate:	0 - 120 LPM	(millimeters):	140 x 63 x 73 (approx)
Demand Breathing Triggering Pressure:	-5cm H <sub>2</sub> O@100LPM	Weight:	16 oz. / 0.45 kg (approx)
Input Pressure:	45 - 70 PSI		
Audible Pressure Relief Valve:	60 cm H <sub>2</sub> O		
Operating Temperature:	-18°C to +50°C (0°F to 122°F)		

### Ordering information:

**01CV3000 CAREvent<sup>®</sup> ALS Handheld Resuscitator**  
c/w 6 Foot Supply Hose and Universal Resuscitation Facemask



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