



O-Two CAREvent® CPAP

**Demand-actuated Closed Circuit
Adjustable CPAP**

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CPAP has been proven to provide an effective method of treating respiratory distress for congestive heart failure (CHF), asthma, chronic obstructive pulmonary disease (COPD) and pneumonia without having to intubate the patient.

The handheld O-Two CAREvent® continuous positive airway pressure (CPAP) demand system provides superior CPAP delivery in a simple, compact device that can fit easily into your existing oxygen kit. The ease-of-use design concept and unique single-use patient circuit with facemask, head harness and airway pressure gauge make application and operation of the O-Two CAREvent CPAP extremely simple for the user and more comfortable and less distressing for the patient.

The handheld O-Two CAREvent CPAP provides incredible CPAP quality for such a small device. By minimizing the pressure drop on inspiration and the peak pressure on expiration it produces a more uniform CPAP pressure throughout the respiratory cycle. This provides a lower work of breathing for the patient when compared to other, commonly used, pre-hospital devices.

The design of the pneumatic circuitry minimizes gas consumption, conserving oxygen and increasing cylinder duration (55 minutes at 7.5 cmH₂O CPAP setting) unlike Downs Flow Generators and some types of disposable constant flow devices that average 20 minutes.

The adjustment of the CPAP pressure is by a single control situated on the top of the unit. To set the CPAP level, simply adjust the rotary control knob until the desired rise in baseline pressure registers on the airway pressure gauge, which is located on the mask – providing for optimal patient monitoring at all times.

Ideal for the short to medium-term treatment of the respiratory impaired patient suffering from CHF, pulmonary embolus (PE), COPD or asthma, the handheld O-Two CAREvent CPAP is a simple, cost-effective alternative to invasive ventilation and possible intensive-care admissions.

Warranty: This product has a two-year warranty against manufacturer's defects.

Features

- Small and lightweight
- Low oxygen consumption
- Decreased work of breathing
- Easy adjustment of CPAP setting
- Demand breathing up to 120 L/min on 100% oxygen
- Easily visible airway pressure gauge
- Comfortable and secure head harness
- Gurney clip for stretcher attachment
- Fits into existing oxygen kits

Specifications

CPAP/PEEP:	0-20cm H ₂ O
Demand Breathing Flow Rate:	0-120 L/min
Demand Breathing Triggering Pressure:	-6cmH ₂ O@60 L/min
Weight:	16.0 oz / 0.45 kg
Operating Temperature:	-18 to 50°C (0 to 122°F)
Storage Temperature:	-40 to 60°C (-40 to 140°F)
Relative Humidity for Storage and Operating Use:	15 to 95%
Input Pressure:	45-87 PSI / 3.1-6.0 BAR
Patient Valve Dead Space:	8 ml
Dimensions (inches): (millimeters)	5.5 x 2.5 x 2.9 in 140 x 63 x 73 mm
Pressure Gauge Range:	0-25 cmH ₂ O
Patient Circuit Length Collapsed:	12 in / 30 cm
Expanded:	36 in / 90 cm
Patient Circuit Connection:	15/22 mm
Input Connection:	9/16 in DISS

Ordering Information

01CV0200 CAREvent CPAP

Incl., compact handheld control module, six-foot supply hose, single-use patient circuit with airway pressure gauge, medium facemask and head harness

01CV8006-cs Single Use CPAP Patient Circuit (Large)

Incl., facemask, airway pressure gauge and head harness (Case of 10)

01CV8007-cs Single Use CPAP Patient Circuit (Medium)

Incl., facemask, airway pressure gauge and head harness (Case of 10)

01CV8008-cs Single Use CPAP Patient Circuit (Small)

Incl., facemask, airway pressure gauge and head harness (Case of 10)

01CC8013 CAREvent CPAP Softpack Carrying Case

(with Handle)



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