

CAREvent[®] DRA

Consistent Automatic Resuscitation Equipment

Automatic Handheld Mine Rescue Resuscitator



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The rescue of a trapped miner underground has presented new challenges over the last few years. The CAREvent® DRA Automatic Rescue Resuscitator has been developed to meet these challenges complying with the latest ERC and AHA Guidelines 2005 for Resuscitation. The CAREvent® DRA has “only one external control”. The underground mining environment is considered to be so hazardous that the less the rescuer has to do to ventilate and transport the patient, the quicker the patient can be resuscitated and the greater chance for the patient’s survival. All the rescuer has to do is secure the patient’s airway, turn on the oxygen or air supply and apply the full face mask to the patient’s face.

The CAREvent® DRA will provide automatic ventilation to the non-breathing patient at a rate and volume designed to reduce the risk of gastric insufflation. Should the patient start spontaneous breathing, the “Demand Breathing” feature of the CAREvent® DRA allows the patient to breath on their own.

During CPR, a Manual Override Button is provided to allow for the provisions of 2 breaths followed by 30 compressions. During spontaneous breathing, the patient’s inspiratory effort (if adequate) will also cause the “Automatic Circuit Shut Off” to stop the automatic cycling of the resuscitator allowing the patient to breathe at their own rate and volume. If the patient stops breathing again, the automatic cycling will restart automatically with no action required on the part of the rescuer.

By combining “simplicity of operation” with technological sophistication, the CAREvent® (DRA) provides trained individuals with a safe and effective CAREvent® (DRA) means of maintaining artificial ventilation during respiratory arrest that may occur during mining operations.

NOTE: This device is intended for use by persons trained in CPR and in the use of this device.

WARRANTY: This product has a two year warranty against manufacturers’ defects.

Specifications

Tidal Volume:	500 ml	Minimum Input Pressure:	45 psi
Breaths per Minute:	10	Maximum Input Pressure:	70 psi
Relief Valve Pressure:	60 cmH ₂ O	Input Connection:	9/16” DISS Automatic
I:E Ratio:	1:2	Patient Connection:	Drager
Flow Rate:	15.0 L/min	Patient Valve Dead Space:	8 ml
Demand Breathing Flow Rate:	Min 120 L/min	Operating / Storage Temperature:	-35o to +60o C
Demand Breathing Triggering Pressure:	> - 5.0 cmH ₂ O @ 100 L/min	Dimensions (inches):	5.5 x 2.5 x 2.9
		(millimeters):	140 x 63 x 73
		Weight:	14.6 oz / 0.45 Kg

Ordering information: 01CV3000-DRA CAREvent® Automatic Handheld Mine Rescue Resuscitator c/w Supply Hose, and Draeger SCBA Facemask Connector



Authorized USA Distributor:

CSE Corporation

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Manufactured by:

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