

# DEMAND VALVE RESUSCITATION KIT



*Ready for any  
Breathing Emergency.*

The Demand Valve Resuscitator kits have been designed to meet the challenges of emergency resuscitation. They are ready to provide a fast, simple, and effective means to ventilate non-breathing patients and provide 100% oxygen to patients suffering from respiratory distress "On Demand".

Your choice of Hard Plastic or Softpack Nylon Carrying Case, equipped with or without our Statvac II Oxygen Powered Aspirator

# Technical Specifications



## Statvac® II

### Oxygen-Powered Aspirator

The O-Two Statvac® II oxygen-powered aspirator is capable of effectively suctioning excessive quantities of fluids or particulates from the patient's oro-nasopharynx. This lightweight aspirator is designed to be attached to any 50 PSI DISS outlet (other connections available upon request).

## SPECIFICATIONS

SUPPLY PRESSURE:	50 PSI (3.4 BAR)
VACUUM PRESSURE:	300mm Hg +/- 10%
VACUUM FREE AIRFLOW:	30 L/min +/- 15%
MAXIMUM GAS CONSUMPTION:	20 L/min
OPERATING TEMPERATURE RANGE:	-18 to 50°C (0 to 122°F)
STORAGE TEMPERATURE RANGE:	-40 to 60°C (-40 to 140°F)
RELATIVE HUMIDITY FOR STORAGE AND OPERATING USE:	15 to 95%
WEIGHT:	5.6 oz (160 gms)
DIMENSIONS:	Dia. 3.0 in. (76mm) X H: 7.0 in (178mm)

## O-Two Oxygen Demand Valve

The O-Two oxygen demand valve provides trained individuals with a safe and effective means of delivering 100% oxygen by inhalation to patients in respiratory distress, at the flow rate demanded by the patient.

## SPECIFICATIONS

PEAK INSPIRATORY FLOW RATE @-8 CMH <sub>2</sub> O	> 120 L/min
DEMAND BREATHING FLOW RATE	0 -140 L/min
EXHALATION RESISTANCE	0 to 6 cmH <sub>2</sub> O @ 60 L/min
INHALATION RESISTANCE	0 to -6 cmH <sub>2</sub> O @ 60 L/min
INPUT PRESSURE	50 PSI
TRIGGERING PRESSURE	0 to -3.5 cmH <sub>2</sub> O
OPERATING TEMPERATURE	-180C to 500C (00F to 1220F)
STORAGE TEMPERATURE	-180C to 500C (00F to 1220F)
OPERATING AND STORAGE HUMIDITY	RH 15 to 95%
INPUT CONNECTION	9/16" DISS
PATIENT CONNECTOR	15/22 mm
PATIENT VALVE DEAD SPACE	8 ml
WEIGHT	210 grams (7.4 OZ)
DIMENSIONS	Dia. 51mm x 81mm (Dia. 2.0" x 3.2")



# Technical Specifications



## 01R001023-B Regulator

All Brass Pin-Indexed Yoke with Therapy Flow  
0 - 25 L/min, Barbed Outlet  
with 2 x 9/16 Self-Sealing DISS Connectors

### DISS

DIAMETER INDEX  
SAFETY SYSTEM

## Other Specifications

MANUAL FLOW RATE	40 LPM
DEMAND FLOW RATE	0-160 LPM
DEMAND FLOW TRIGGERING PRESSURE	Pressure 100 LPM @ < -5cm H <sub>2</sub> O
INPUT PRESSURE	50 PSI
PRESSURE RELIEF VALVE	60 cm H <sub>2</sub> O
AUDIBLE OVER PRESSURE ALARM	Yes
OPERATING TEMPERATURE	18°C to 50°C (0°F to 122°F)
STORAGE TEMPERATURE	-40°C to 60°C (-40°F to 140°F)
INPUT CONNECTION	-9/16" DISS
PATIENT CONNECTION	15/22 mm
WEIGHT WITHOUT OXYGEN CYLINDER	907 grams (32 OZ) Approximate
EMERGENCY RESPONDER MOULDED PLASTIC CARRYING CASE	Exterior: L 23.3" x H 6.60" x W 10.16" Internal: L 21.3" x H 5.08" x W 8.64"
COLOR	International Orange

## FEATURES

- Lightweight, Moulded Orange Plastic Carrying Case or Royal Blue Soft Pack Nylon Carrying Case with Shoulder Strap.
- Provides a fast, effective method to ventilate the non-breathing patient.
- Easy access to Life-saving oxygen equipment.
- Easy Change Oxygen Cylinder Retainer Strap.

# DEMAND VALVE RESUSCITATION KIT



## ORDERING INFORMATION

01DV2011	O-Two Medical Technologies Demand Valve Resuscitator Kit complete with Adjustable 0 - 25 L/min Regulator and Statvac® II Aspirator in Moulded Case* (Cylinder Not Included)	Each
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### KIT CONTENT

01AS9500	Statvac® II Aspirator in Moulded Case	Each
02SC4301	Yankauer Suction Tip W/Tubing	Each
01RO01023-B	Oxygen Regulator- Pin Index with 2 x 9/16 Self-Sealing DISS Connectors	Each
02FM4999	Mask Disp Universal Ea	Each
02RT5400U	Nylon Cylinder Wrench W/PVC St	Each
01FV4303-DISS	Supply Hose 6' DISS	Each
02RT1041U	Adult Mask with 7ft Sure Flow Oxygen	Each

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