

Introducing the EPV100 Portable Ventilator for Mass Casualty Preparedness.

- Designed to Meet Surge Capacity.
- Light and Easy to Operate.
- Powered by Compressed Gas.
 - Suitable for Stockpiling or Everyday Use.



The EPV100 Portable Ventilator

The EPV100 is a simple, lightweight, robust and affordable portable mechanical ventilator designed to provide critical ventilation support during the initial stages of a mass casualty event. This gas powered, electronically controlled vent is extremely easy to use, and is equipped with independent inspiratory time, tidal volume, and BPM controls. It also features a built in digital manometer and a full array of visual and audible safety alarms. The weather resistant EPV100 will run for up to 48 hours on 2 D cell batteries, and has a 5 year shelf life making it ideal for stockpiling or everyday use.

SAFETY FEATURES

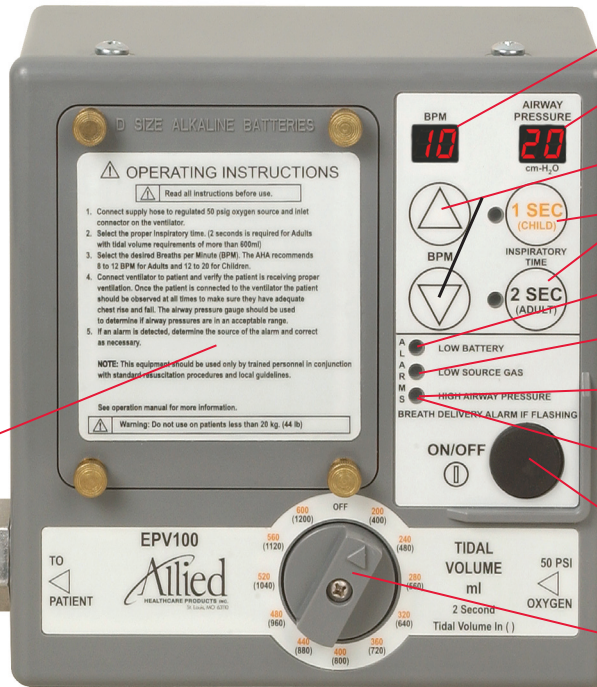
- High Airway Pressure Alarm
- Low Airway Pressure/ Patient Disconnect Alarm
- Low Source Gas Alarm
- Low Battery Alarm
- Airway Pressure Relief

EPV100 Patent Pending

Battery Compartment/
Operating Instructions

Patient Circuit
Connection

Anti-Suffocation Valve



BPM Display

Airway Pressure
Display

BPM Control

Inspiratory Time
Control

Low Battery Alarm

Low Source Gas Alarm

High Airway
Pressure Alarm

Breath Delivery
Alarm (if flashing)

Power On/Off Switch

Oxygen DISS Inlet

Tidal Volume Control

SPECIFICATIONS

Tidal Volume:	200 to 1200 ml	Size:	3.5" deep x 7.0 wide x 9.3" high (88.9 x 177.8 x 236.2 mm)
Breaths Per Minute:	8 to 30 (1-second inspiratory time) or 8 to 20 (2-second inspiratory time)	Weight:	3.1 lbs (1.4 kg)
Unit Run Time:	<u>Run time with settings of 650 ml tidal volume and 10 BPM</u> D Cylinder Approximately 47 minutes Jumbo D Cylinder Approximately 85 minutes E Cylinder Approximately 85 minutes Hospital O ₂ Unlimited run time Hospital Air Unlimited run time	Inspiratory Time:	1 second or 2 seconds
Manometer Readout:	5 to 99 cm H ₂ O	Battery Run Time:	48 hours at room temperature with settings of 10 BPM and 2-second inspiratory time; 2 D batteries required NOTE: The EPV100 is powered by compressed gas, using 2 D batteries to control the alarms and settings.

ORDERING INFORMATION

EPV100	Portable Ventilator, 6' disposable O₂ supply tubing	\$ 414.00
MCM-001	Three-channel Oxygen Manifold	\$ 168.00
MCH-001	10' Oxygen Manifold Extension	\$ 50.00
L770-CPR-VEL	Velcro Strap (15/case)	\$ 13.90
LPEEP	PEEP Valve (12/case)	\$ 54.00
L599-180	3' Ventilator Circuit, with swivel (without mask or exhalation filter) (10/case)	\$ 90.00
L599-190	3' Ventilator Circuit, with swivel, exhalation filter (without mask) (10/case)	\$ 117.00
L599-130	3' Ventilator Circuit, with swivel, adult disposable cuffed mask (10/case)	\$ 99.00
L599-140	3' Ventilator Circuit, with swivel, adult disposable cuffed mask, exhalation filter (10/case)	\$ 130.00
L595161-10	Disposable Cuffed Oxygen Mask, adult (10/case)	\$ 20.00
L595162-10	Disposable Cuffed Oxygen Mask, child (10/case)	\$ 20.00
L599-200	Exhalation Filter (10/case)	\$ 44.00



Allied Healthcare Products, Inc. • 1720 Sublette Avenue • St. Louis, Missouri 63110
314/771-2400 • 800/444-3954 • Fax: 314/771-0650 • www.alliedhpi.com
International offices in Europe, Asia, and South America

U.S.

Toll Free: 800/225-4577
Fax: 800/477-7701

Canada & Mexico

Toll Free: 800/446-0552
Fax: 800/246-6201

International

Telephone: 314/268-1683
Fax: 314/771-5183

©Allied Healthcare Products, Inc.©

Form 95-00-0003 March 2009