

IMPACT[®] proudly introduces to you, our portable ventilator for mass casualty care....

the 73^x



Bacterial/Viral (BV) Filter



Chemical/Biological (C2A1) Filter



CRITICAL
QUESTIONS FOR
MASS CASUALTY CARE
VENTILATION



Yes No

1. Does your ventilating device permit you to leave your patient unattended? Yes No
 If your answer is no, will you have enough skilled personnel to attend to these patients? ... Yes No
 Will you have enough remaining personnel to care for the other patients? Yes No
2. Does your ventilating device have audible and visual alarms? Yes No
3. Can your ventilating device operate without a 50-PSI oxygen source? Yes No
 If your answer is no, can you provide and sustain oxygen at-the-scene if the consumption rate is four E-cylinders per patient per hour? Yes No
 If your oxygen supplies are inadequate to meet your patient's ventilation needs will you have enough skilled personnel available to "bag" each patient? Yes No
4. Does your ventilating device permit you to quickly calculate how much gas you will need? . Yes No
 Does your ventilating device tell you when your cylinder contents are low on gas or empty? Yes No
5. Can your ventilating device operate in all positions - upright, or on its side? Yes No
6. If your patient has stiffening lungs, will your ventilating device deliver the correct rate and tidal volume? Yes No
7. Does your ventilating device permit you to independently set a rate and tidal volume? Yes No
8. Would you want your ventilating device to emit sounds like its delivering gas but isn't? Yes No
9. If you run out of oxygen can your ventilating device filter ambient air? Yes No
 If your answer is no - can you safely mitigate an oxygen source failure or empty cylinder?.. Yes No

If you answered "NO" to more than 5 of these basic questions, your mass casualty care ventilation needs could be inadequate!

S P E C I F I C A T I O N S

OPERATING MODES		
OXYGEN:		Control, Assist/Control
COMPRESSOR:		Control, Assist/Control
FLOW RATE:		30 LPM, constant flow
BREATHING RATE:		Adjustable, 10, 12, 14, 16, 18, 20 BPM
TIDAL VOLUME:		300 to 1000 ml, ATPD
INSPIRATORY TIME:		Variable based on selected BREATHING RATE and TIDAL VOLUME
FI _{O2} :		21% using ambient air or 100% with external oxygen source
O ₂ Input Pressure:		55 PSI (-25%; +20%)
AIRWAY PRESSURE LIMIT:		Adjustable, 15 to 80 cmH ₂ O
MAXIMUM AIRWAY PRESSURE:		80 cm H ₂ O using AIRWAY PRESSURE LIMIT/ALARM, 100 cm H ₂ O mechanical backup
BREATH TRIGGER:		-2.0 cmH ₂ O
LED BAR GRAPH:		Pressure Range: -2 to 90 cmH ₂ O Battery Capacity Range: Green/Yellow/Red
LED ALARM INDICATORS:		Ext Power Low/Fail, Low Battery, Low Oxygen, Vt Setting, Patient Disconnect, High Airway Pressure and System Failure
ALARM MUTE:		Yes, 30-seconds
ALARM VOLUME:		85 dBA @ 1 ft
NOISE LEVEL:		Less than 75 dBA when measured @ 1-meter (compressor modes)
OPERATING VOLTAGE:		12 VDC (nominal)
OPERATING TIME		
INTERNAL BATTERIES:		Compressor: approximately 6 hours @ average adult settings Oxygen: approximately 12 hours @ average adult settings
EXTERNAL 12 V:		Continuous (from AC-DC converter or automotive power source)
TEMPERATURE RANGES		
OPERATING:		-25°C to 49°C (-13°F to 120°F)
CHARGING:		0°C to 40°C (32°F to 104°F)
LONG TERM STORAGE:		10°C to 30°C (50°F to 86°F)
ENCLOSURE:		Polycarbonate with clear door Battery compartment accessible without tools
SIZE		
VENTILATION SYSTEM:		8.87" Wide x 11.5" High x 4.5" Deep 22.55 cm Wide x 29.21 cm High x 11.43 cm Deep
AC POWER SUPPLY (supplied):		2.38" Wide x 5.23" High x 1.60" Deep 6.05 cm Wide x 13.28 cm High x 4.06 cm Deep
WEIGHT		
VENTILATOR:		11 lbs 4.54 Kg
COMPLETE KIT:		13.2 lbs 5.99 Kg
KIT CONTENTS:		Ventilator, AC-DC Power Supply, 12 VDC Automotive Power Cable, Ventilator Circuit, Padded Case, (2) Fuses, 6' Oxygen Hose, Operation Manual (on CD), Fresh Gas/Emergency Air Intake Filter, AC Power Cord
WARRANTY:		Limited, 1-year (see LIMITED WARRANTY statement)\

Note: Impact Instrumentation Inc., reserves the right to change these specifications without prior notification.

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YOUR DEALER IS:

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