

IMPACT MODEL 73X SPECIFICATIONS:

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
FiO ₂ :	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
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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)
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Note: Impact Instrumentation Inc., reserves the right to change these specifications without prior notification. Rev 0 (01/07)