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MEDICAL LLC
A Flexicare Company

AutoVent™ 2000/3000

Automatic Transport Ventilator

The first ventilator designed expressly for the EMS professional, the AutoVent 2000 provides independent controls for tidal volume and BPM. The AutoVent 3000 with additional inspiratory time settings offers an even wider range of patient applications to meet most critical emergency care situations. Both models are designed to meet ventilator needs in a variety of applications, from intra- and inter-hospital transports to sophisticated air rescue.



Key Features

- + Small, compact, and transport ready.
- + Designed to perform in harsh and toxic environments.
- + Assembles quickly with simplified operating instructions printed on the case.
- + Impact-resistant case with shock-absorbing bumpers and recessed control settings.
- + Rate and volume settings independently operated.
- + Easy-to-monitor patient valve assembly and toxic atmosphere valve are able to deliver additional breaths on demand by inspiratory effort of the patient.
- + Operates exclusively on standard 50 psi source gas, eliminating air entrainment and maintaining the integrity of the specified oxygen concentration.
- + Operates at extreme temperatures ranging from 0° F to 125° F.
- + Pneumatically powered, batteries not required.
- + Allows for PEEP attachment.
- + Meets ASTM, ISO and KKK-1822C standards.

The AutoVent 2000/3000 uses state-of-the-art pneumatics to assure reliable, time-cycled constant flow ventilation powered by a minimum of source gas. Both models may be used with all models of the LSP single patient use ventilation circuits as an added protection against patient cross-contamination.

Each AutoVent is accompanied by the proven LSP patient valve with its bright green visual breath indicator, built-in audible pressure limit alarm, and intermittent mandatory ventilation providing gas flow for spontaneous breathing patients. The patient valve is available with an anti-inhalation valve for use in toxic environments.

Specifications

Control Modules		Patient Valve Assembly	
Supply Pressure Range	40-60 psig	Flow	as required in demand mode: 0-48 lpm at 50 psig
Operating Temperature	0° F to 125° F	Peak Inspiratory Flow	48 lpm at an airway pressure drop of less than 2.5 cm H2O
Storage Temperature	-40° F to 160° F	Delivery Pressure	60±5 cm H2O
Frequency - AV2000	8 to 20 BPM	(Insp.) Crack Pressure	0 to -2 cm H2O (0 to -.8 in. H2O)
Frequency - AV3000	8 to 28 BPM	Exhalation Resistance	LPM: 0-10, 11-70 cm H2O (max): 1.5, 3.8
Tidal Volume - AV2000	400 to 1200 ml	Gas Consumption Driving Gas	0.5 lpm maximum
Tidal Volume - AV3000	200 to 1200 ml	Dead Space	8 ml (excluding mask)
Flow Rate	16 to 48 lpm	Supply Pressure	40 to 60 psig
Inspiratory Time - AV2000	approx. 1.5 or 2.0 seconds	Operating Temperature	0 F to 125 F
Inspiratory Time - AV3000	approx. .75, 1.5, or 2.0 seconds	Storage Temperature	-40 F to 160 F
Expiratory Time	1.5 to 6.0 seconds	Inlet Fitting	standard male oxygen DISS
I-E Ratio	1:1 to 1:4	Filter	25 micron stainless steel mesh
Weight	24 oz. (680 grams)	Outlet	22 mm outside diameter x 15 mm inside diameter; fits standard medical masks, endotracheal tubes, and tracheostomy tubes)
Dimensions	6" W x 1-3/4" D x 3-1/2" H	Weight	16 oz. (450 grams)
Case Material	polyester	Materials	body - anodized aluminum; cover - polycarbonate; outlet fitting - polycarbonate; inlet fitting - plated brass
Input connection	plated brass		
Output Connection	plated brass		
Minute Volume	0 to 24 lpm		
Gas Consumption Driving Gas	0.5 lpm maximum		
Driving Gas	0.5 lpm maximum		

Ordering Information

PART NUMBER	DESCRIPTION
L460	Control Module, patient valve, supply tubing, 6' O2 hose, and non-rebreathing valve with hose. Inspiratory Time: 2.0 seconds.
L460-150	Same as L460. Inspiratory time: 1.5 seconds
L461	Control Module, patient valve, supply tubing, 6' O2 hose, and non-rebreathing valve with hose. Inspiratory time: 2.0 seconds.
L461-150	Same as L461. Inspiratory time: .75 and 1.5 seconds
L280-220	Oxygen Regulator, CGA 870, 0-25 lpm, with gauge, 2 check valves, hose barb outlet
L280-220	Oxygen Regulator, CGA 540, 0-25 lpm, with gauge, 2 check valves, hose barb outlet
L599-010	Ventilation Circuit, single patient use, with patient valve, corrugated tubing, 10/case
L599-030	Ventilation Circuit, single patient use, with patient valve, corrugated tubing, swivel connector, 10/case
L599-090	Ventilation Circuit, single patient use, with patient valve, corrugated tubing, swivel connector, exhalation filter, 10/case
L535026	Oxygen Hose, 6', DISS fittings
L535114	Oxygen Hose Assembly



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FC8790 | 072024