



BIOVENT A Series HF80™ High Flow Generator



The **Ultimate Device**
For **All Types**
of Respiratory Failures



New Paradigm In Healthcare

BIO-VENT Specifications

Patient Types		Waveform Window	
Adult	Pediatric (>8 kg)	Pressure Waveform	Flow Waveform
Modes			
Mode	Parameter	Setting	Step
HFNC (High Flow Nasal Cannula)	FiO2	21%-100%	5%
Turbo (High Speed Gas Delivery)	Flowrate	1-80 LPM	0.5, 1 or 5 LPM
	FiO2	21%-100%	5%
	Flowrate	1-40 LPM	0.5, 1 or 5 LPM
Parameters		Alarms	
Therapy Time	Manual, 1-5 hr	Obstruction, Low O2 Flow, Excessive O2 Flow, O2 Supply Pressure, O2 Source Selection Error, Switchover to Battery, Battery Less than 10 minutes & 5 minutes, High Pressure in Patient Circuit, Change Filter.	
Nebulizer Option	Off-On		
Nebulizer Timer	1-60 min		
Monitored Parameters	Flow, FiO2		
Electrical Specifications		Gas Sources	
Internal Power Supply Specifications		Air Source (Blower)	Min. 40,000 Operating hours
Input Voltage	100-240VAC	Oxygen source 1	High Pressure 2.8 - 6 Bars
Input Frequency	50/60 Hz	Oxygen source 2	Low Flow 0 - 60 LPM
Rated Power	200 Watt	Physical Specifications	
Internal Battery Specifications		Weight	5kg
Battery Type	100-240VAC	Dimensions (in mm)	160 (H) X 265 (W) X 340 (D)
Backup Time	50/60 Hz	Display LCD	5-inch screen
Battery Voltage	200 Watt	IP Class	IP20
Nominal Capacity	6700mAh	Environmental Operating Conditions	
Protection	Over/ Under voltage,	Temperature	+5 - +40°C
	Over Current, Cell balancing	Relative Humidity	15- 95% (Non Condensing)
External DC Power Input		Barometric Pressure	79.9 - 101.1 kPa
Input Voltage	24VDC	Other Features	
BioAir S320™	Servo Heated Wire Humidifier	• SD Card to export data	• USB Port
BioAir MI00™	Heated Humidifier	• Nurse Call	• Serial port
		• Trends to view historic data	• SPO2 optional
Regulatory Compliance			
IEC 60601-1 Ed 3.2 2020-08, IEC 60601-1-2 Ed 4.0 2014-02, IEC 60601-1-6 Ed 3.1 2013-10, IEC 60601-1-8 Ed 2.1 2012-11, ISO 80601-2-90:2021			



Pending



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