

## StarzMed Air-7000

### Emergency and transport ventilator

<b>Patient Range</b>	
Infant	>20 kg
Adult	<200KG
Patient gender	Male/female
<b>Controls/setting</b>	
Modes	A/C, VCV: Assisted/Controlled, Volume Control Ventilation A/C, PCV: Assisted/Controlled, Pressure Control Ventilation SIMV: Synchronized Intermittent Mandatory Ventilation CPAP: Continuous positive airway pressure BiPAP: Bilevel positive airway pressure ( )
Tidal Volume	150 to 2,000 ml
RR (Respiratory Rate)	8 to 32 bpm
I Time (Inspiratory Time)	0.5 to 4 sec
PEEP	0 to 25 cmH <sub>2</sub> O
Flow (minute volume)	5 to 60 L/min (flows ≥ 80 LPM in PSV Mode, CPAP)
Pressure Control	15 to 55 cmH <sub>2</sub> O
P <sub>trig</sub> (Sensitivity)	-5 to -1 cmH <sub>2</sub> O
FiO <sub>2</sub>	21% to 100%
<b>Monitoring</b>	
Display	Touch screen
Minute volume	VT (ml)
Flow	Real-time inspiratory flow (ml)
P <sub>aw</sub>	Real-time airway pressure
PEEP	Positive end expiratory pressure
f <sub>Total</sub> (RR)	Total breathing frequency (b/min)
T <sub>I</sub>	Inspiratory time (s)
T <sub>E</sub>	Expiratory time (s)
I:E	Inspiratory-expiratory ratio
Oxygen	Airway oxygen concentration (FiO <sub>2</sub> )
Power	DC & battery level %
<b>Real-time waveforms</b>	
Real-time pressure	cmH <sub>2</sub> O
Minute volume	L/min
Tidal volume	mL
<b>Electrical and gas supplies</b>	
Input voltage	12 +/- VDC, max 5A
Power consumption	Min 50 W Max 100W
Backup battery time	7 h Li-Ion batteries
Battery charging time	Approximately 4 hours
Oxygen supply	280 to 600 kPa
Low pressure oxygen	≤15 l/min, max. 600 kPa for low pressure
Air supply	Integrated ultra-quiet turbine
Air/Oxygen Mixer	Integrated

## **StarzMed Air-7000**

<b>Environmental</b>	
Vibration	IEC 60068-2-6
Operating Temperature	-20 °C to +50 °C
Storage Temperature	-40 °C to 60 °C
Atmospheric pressure	500 hPa to 1060 hPa
Relative humidity	5 to 95 %
<b>Physical dimensions, weight, Noise</b>	
Width	
Depth	
Height	
Weight	7.5 kg
Noise	< 30 dBA at 1 m
<b>Main alarms</b>	
High Airway Pressure	10 to 55 cmH2O
Low Airway Pressure	5 to 15 cmH2O
Apnea back-up ventilation	When respiratory activity is no longer detected, from 15 to 60 seconds
Leakage	VTe. is approx. 60% lower than VTi
Low Source O2	Triggers at 40-37 psi
Device Alert	Malfunction alert
Critical Battery	Approx. 30 minutes of battery charge remains
Silence/Reset	110 seconds