

Elisée 250™

EMERGENCY AND TRANSPORT VENTILATOR
(Invasive and noninvasive)

Performance, ease, mobility

Elisée 250 is a turbine-driven ventilator, dedicated to emergency, critical care and for the hospital transport of patients during acute ventilation.

Designed for ambulatory use during patient (adult and paediatric) transportation—both to and between hospitals—this lightweight, compact, safe and easy-to-use ventilator, offers the performance of an ICU ventilator.

It suits a variety of clinical applications, including the treatment of patients with most severe respiratory failure.

- Quick and easy-to-use
- High mobility and battery power
- Advanced performance
- Safe and secure



QUICK AND EASY-TO-USE

- Big touch screen, high-contrast display, 180 degree rotating screen—offers ease-of-use and visibility, whatever the conditions
- Convenient, versatile placement—effective in any position (upright, hanging, tilted)
- Choice of modes—Volume Ventilation, Pressure Control, Pressure Support and CPAP via a simple, easy-access menu
- Intuitive user interface—well-suited to the emergency environment, easy-to-use by any member of the medical team
- Used with standard circuits on the market

HIGH MOBILITY AND BATTERY POWER

- Light and compact for ambulance transport and on emergency sites
- Turbine allows operation in ambient air, without the use of compressed gas
- Power back-up—built-in battery power, minimum three hours; three more hours with additional external battery pack* (can be swapped for continuous battery power)
- Wide range of external power supplies—from 12V to 28V DC
- Shock resistant during transportation—dedicated transport bag keeps the ventilator protected from sudden jolts and if dropped
- Transport-friendly accessories available

ADVANCED PERFORMANCE

- Effectively treats acute respiratory failure patients in emergency situations—exceptional response time due to high-performance micro-turbine
- Unique algorithm dedicated to noninvasive ventilation (NIV)—excellent trigger sensitivity for maximum patient comfort
- Ventilation waveform displayed on a large screen to optimise ventilation settings
- Oxygen blender allows ventilating from 21–100% O₂ concentration; Accurate FiO₂ monitoring displayed onscreen

SAFE AND SECURE

- Certified for emergency, critical care and transport use
- Dedicated alarm menu—for efficient monitoring of current ventilation parameters compared with alarm settings
- Specific NIV alarms—leak alarm settings
- Back-up ventilation based on apnea time alarm setting in Pressure Support mode

ELISEE 250 TECHNICAL SPECIFICATIONS

PARAMETERS

	Paediatric	Adult	Adjustments
Pressure slope	1, 2, 3, 4	1, 2, 3, 4	–
Inspiration pressure (cm H ₂ O)	3–40	5–60	1 cm H ₂ O
Pressure support (cm H ₂ O)	3–40	5–60	1 cm H ₂ O
PEEP (cm H ₂ O)	0–20	0–25	1 cm H ₂ O
Tidal volume (mL)	50–500	300–2500	10 mL (50–1000) 100 mL (1000–2500)
Safety tidal volume (mL)	NO / 50–500	NO / 300–2500	10 mL (50–1000) 100 mL (1000–2500)
Peak flow setting (L/min)	5–40	10–120	1 L/min.
I/E ratio (1/x)	1/0.4–1/9.9	1/0.4–1/9.9	1/0.1
Respiratory rate	2–80	2–50	1 bpm
FiO ₂ (%)	21–100	21–100	5% (30–100)
Minimum breath (bpm)	NO / 3–80	NO / 6–50	1 bpm
Maximum inspiration time (seconds)	0.3–3.0	0.3–3.0	0.1 sec.
Apnea time (seconds)	5–20	10–60	1 sec.

TRIGGERS

Inspiration trigger	AUTO / 1–5 / NO in (Assisted) Controlled Pressure and Volume Ventilation modes		–
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* Tested under specific settings. Please refer to the User Guide.

TECHNICAL DATA

External DC supply	12–28V DC, 15 amps maximum
Power consumption	75VA maximum
External power	12–28V
Mains supply	100V AC/1 amp to 230V AC / 0.6 amp – 50/60Hz
Internal battery	Li-Ion, 14.4V DC, 6.3 AH
External battery (swappable)	Li-Ion, 14.4V DC, 6.3 AH
Internal battery*	3 hrs minimum
External battery*	3 hrs minimum
Size	26 cm x 24 cm x 13 cm (10.2" x 9.4" x 5.1")
Weight	4.05 kg (4.8 kg including external battery pack)

Manufacturer: ResMed Paris 240 rue de la Motte 77550 Moissy-Cramayel France. **Distributed by:** ResMed Ltd 1 Elizabeth Macarthur drive Bella Vista NSW 2153 Australia. See www.resmed.com for other ResMed locations worldwide. Protected by patents: FR 0303538, FR 2766568, FR 2812203, EP 1177810, JP 4060449, NZ 543179, US 6164141, US 6722356. Other design registrations and patents pending. Elisee is a trademark of ResMed Paris and is registered in U.S. Patent and Trademark Office. Specifications may change without notice. © 2009 ResMed Paris is a subsidiary of ResMed Inc. 1011929/2 09 05