

MINIATURE RADIAL BLOWERS

POWERING MEDICAL VENTILATION**APPLICATIONS**

- ICU
- Neonatal
- Transport
- Anaesthesia
- Subacute
- Emergency
- Cough therapy
- Home care
- Sleep apnea

PRODUCT FEATURES

- Brushless motor drives
- Uniform PQ characteristics and mounting system
- Smallest form-factor
- Highly efficient
- Superiour dynamic responsiveness (up to 400 RPM/ms)
- Pressures up to 12300 mbar
- O₂ and anesthetic gas resistance

Micronel's new U65 FORM FIT LINEUP has become the hallmark for state-of-the-art medical ventilator designs, ranging from sleep apnea up to intensive care units (ICU). These space-saving, high-performance turbines share uniform PQ output characteristics and mounting geometries and offer the customer the advantage of modular ventilation design concepts using consistent component interfacing. Micronel's precision engineered products comprise well-balanced, super-low mass rotor systems that enable virtually vibration-free operation and best in class dynamic responsiveness. The brushless motorized impeller and airway systems have been aerodynamically perfected and thus provide superior efficiency and ultra-quiet operation, coupled with highest reliability and life expectancy.



U65ML

Entry level, most economic
blower for high
volume requirements!

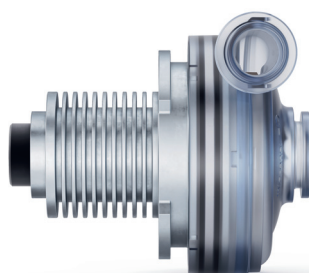
Static pressure	3000 Pa
Freeflow	225 l/min
Dynamic response	100 RPM/ms
Hall/NTC out	No/No
O₂ resistance	No
Typical applications	Sleep apnea, home care



U65MN

Versatile mid range
blower, higher speed motor,
with Hall sensors!

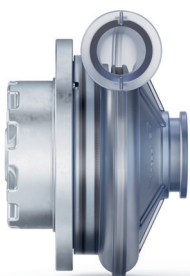
Static pressure	5400 Pa
Freeflow	260 l/min
Dynamic response	250 RPM/ms
Hall/NTC out	Yes/Yes
O₂ resistance	Optional
Typical applications	Home care, transport, subacute, emergency



U65HN

Top of the range,
highest speed,
most dynamic behaviour!

Static pressure	10000 Pa
Freeflow	400 l/min
Dynamic response	400 RPM/ms
Hall/NTC out	Yes/Yes
O₂ resistance	Yes
Typical applications	ICU, neonatal, transport, anesthesia



U85MX

Most powerful blower,
where highest pressures
are needed!

Static Pressure	12300 Pa
Freeflow	885 l/min
Dynamic response	50 RPM/ms
Hall/NTC out	Yes/No
O₂ resistance	No
Typical applications	Cough therapy

(Optionally available with integrated motor controller)