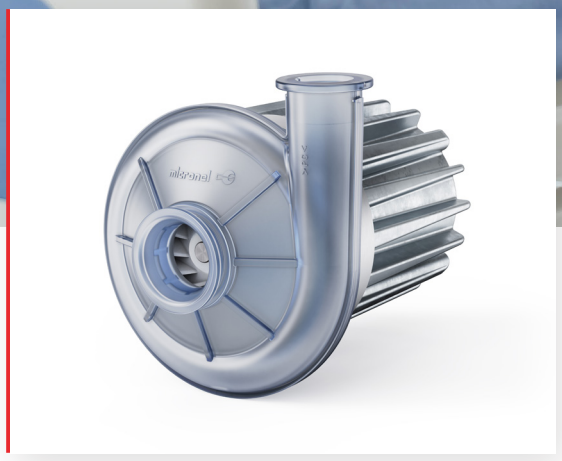
Miniature Fans and Blowers

Powering Air for Medical Care



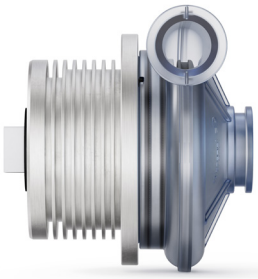
Applications

- Mattress inflation for pressure sore prevention
- Mattress low air loss therapy for burns and skin therapy
- Mattress inflation (patient lifting & transport)
- Negative pressure wound therapy (VAC)
- Patient warming blankets
- External cough jacket therapy for secretion clearance

Product Features

- Brushless motor drives
- Vacuum and pressure up to 16000 Pa
- Flow rate up to 2000 l/min
- Compact and quiet
- 12 V_{DC} versions available
- Available with integrated electronic motor driver
- Energy saving

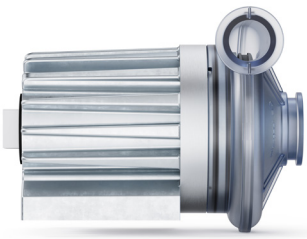
Micronel's high performance Radial Blowers are helping to enable the clinical advances in a variety of inflation related applications including air mattresses for the prevention of pressure sores and bedbound injury prevention, low air loss air circulation mattress toppers for burns patients, patient lifting and transport, negative pressure wound therapy (VAC), patient warming blankets during surgery and high frequency chest oscillation cough therapy vests. Micronel's precision engineered compact blower products utilise the latest brushless motor technology to provide high pressure/suction combined with high airflow, low noise, low power consumption for portable applications coupled with highest reliability and life expectancy.



U85MX

Most powerful blower, where highest pressures are needed!

Supply voltage	21 V_{DC}
Static pressure	12300 Pa
Freeflow	860 l/min
Motor controller	Integrated driver electronics
Typical applications	Rapid high pressure inflation of mattress chambers and external cough assist jackets



U85HL

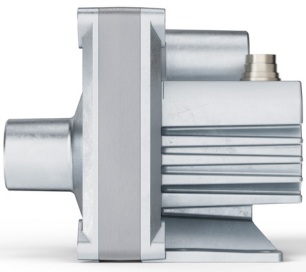
Extremely powerful blower, very versatile and reliable!

Supply voltage	24 V_{DC}
Static pressure	12900 Pa
Freeflow	880 l/min
Motor controller	Integrated driver electronics
Typical applications	Air mattress inflation, patient moving and low air loss therapy

U51DL

Super compact, powerful blower with medical quality!

Supply voltage	12 and 24 V_{DC}
Static pressure	5400 Pa
Freeflow	500 l/min
Motor controller	Integrated driver electronics
Typical applications	Small, portable, quiet low air loss therapy requirements



U100H4

Super ruggedized industrial, versatile blower platform!

Supply voltage	24 V_{DC}
Static pressure	18000 Pa
Freeflow	860 l/min
Motor controller	Integrated driver electronics
Typical applications	IP sealed high pressure applications such as patient lifting and moving

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