

Miniature Fans and Blowers

Powering Air to Fight Diseases



Applications

- Breathing therapy
- Ventilators
- Respirators
- Personal Protection
- ICU Hospital beds
- Air Purification
- Disinfection
- Air sampling
- Laboratory
- Diagnostic & Test

Product Features

- Brushless motor drives
- Vacuum and pressure up to 16000 Pa
- Flow rate up to 885 l/min
- Highly efficient, low energy
- Compact and quiet
- 12 V_{DC} battery versions available
- Available with integrated electronic motor driver
- O₂ and gas resistant versions available

Micronel's high pressure medical blowers and turbine products are being deployed in a variety of contagion related medical and scientific equipment requiring precise air movement of some kind in the fight against the disease. Applications such as breathing therapy, ventilators, respirators, personal protection, ICU hospital beds, air purification, disinfection, air sampling, laboratory, diagnostic and test all require some form of air movement with significant pressure or suction (vacuum) to force air through tubes or chambers or overcome system/filter resistance.



D481P

Versatile and cost effective, high power, in-line fan!

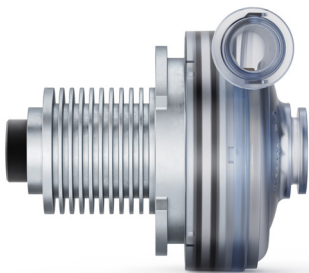
Supply voltage	12 V _{DC}
Static pressure	890 Pa
Freeflow	1060 l/min
Motor controller	Integrated driver electronics
Typical applications	Inline extraction/suction, electronics cooling, disinfection, diagnostic and test equipment



U51DL

Super compact, powerful blower with medical quality!

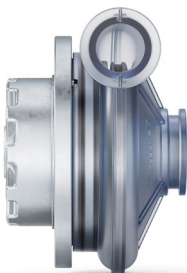
Supply voltage	12 and 24 V _{DC}
Static pressure	5400 Pa
Freeflow	500 l/min
Motor controller	With/without integrated driver electronics available
Typical applications	Personal protection, battery and portable equipment, low air loss mattress, extraction and suction



U65HN

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

Supply voltage	24 V _{DC}
Static pressure	9500 Pa
Freeflow	435 l/min
Motor controller	Without integrated driver electronics
Typical applications	Breathing therapy, ventilators, CPAP to ICU, O ₂ and gas resistance



U85MX

Most powerful blower, where highest pressures are needed!

Supply voltage	21 V _{DC}
Static pressure	12300 Pa
Freeflow	860 l/min
Motor controller	With/without integrated driver electronics available
Typical applications	Cough therapy, inflation, suction, air sampling, air mattress