

MICRONEL MINIATURE FANS AND BLOWERS

POWERING AIR TO FIGHT COVID-19

Air movement applications
Micronel Blowers used in
the fight against COVID-19

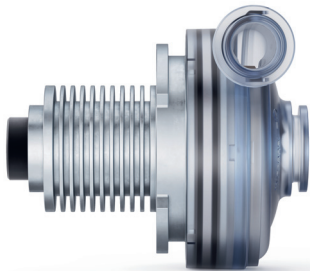
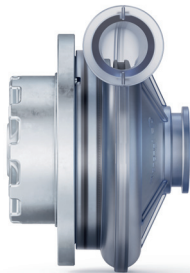
**APPLICATIONS**

- 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 12 000 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 for ease of use
- O₂ and gas resistant versions available

The global response to the Novel Coronavirus and the new disease COVID-19 is continuing across several fronts and Micronel high pressure medical blowers and turbine products are being deployed in a variety of critical COVID-19 related medical and scientific equipment requiring precise air movement of some kind in the fight against the virus. 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.

	NEW PRODUCT! D481P Versatile and cost effective, high power, in-line fan!	Supply voltage 12 V_{DC} Static pressure 950 Pa Freeflow 1 100 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 5 600 Pa Freeflow 510 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 behaviour!	Supply voltage 24 V_{DC} Static pressure 10 000 Pa Freeflow 440 l/min Motor controller Without integrated driver electronics Typical applications Breathing therapy, ventilators, CPAP to ICU, O₂ and gas resistance
	U85MX Most powerful blower, where highest pressures are needed!	Supply voltage 24 V_{DC} Static pressure 12 300 Pa Freeflow 885 l/min Motor controller With/without integrated driver electronics available Typical applications Cough therapy, inflation, suction, air sampling, air mattress