

MICRONEL MINIATURE FANS AND BLOWERS

POWERING AIR FOR PERSONAL PROTECTION

Micronel Fans and Blowers
Reliable, compact design,
quiet and highly efficient

**APPLICATIONS**

- PAPR ventilation
- Air Purifying Hoods & Headgear
- Body and suit cooling
- Suit pressurizer
- Isolation/Containment Capsules
- Glovebox and Fume Chambers
- Special projects (Custom)
Supported

PRODUCT FEATURES

- Latest technology brushless motors
- Vacuum and pressure up to 16000 Pa
- Lightweight, compact and quiet
- Highly efficient with low power consumption
- 12 V_{DC} and battery operation versions available
- Available with integrated electronic motor driver for ease of use
- O₂ and gas resistant versions available

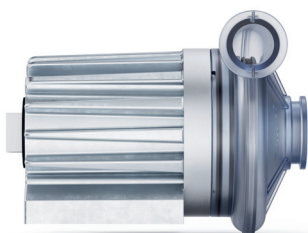
Micronel's high performance D-Line Axial Fans and U-Line Radial Blowers provide peace of mind in demanding and diverse Personal Protection, HazMat and Isolation equipment. Deployed globally in industrial, military, and civilian applications to provide either negative pressure/suction across filters or positive pressure to prevent the ingress of contaminated air into mask, suits, and enclosures. Micronel's compact and quiet fans and blowers master the most difficult of conditions to provide lifesaving protection every day. Micronel's precision engineered products utilise the latest brushless motor technology to provide high pressure/suction combined with high airflow, low noise, low power consumption for portable applications combined with highest reliability and life expectancy.



U51HP

Cost effective blower
with high pressure
and flow rate!

Supply voltage	12 V _{DC}
Static pressure	2860 Pa
Freeflow	390 l/min
Motor controller	Integrated driver electronics
Typical applications	Battery powered hoods, headtops, masks needing good pressure/suction



U85HL

Extremely powerful
blower, very versatile
and reliable!

Supply voltage	24 V _{DC}
Static pressure	11500 Pa
Freeflow	850 l/min
Motor controller	Integrated driver electronics
Typical applications	High pressure/suction such as capsules, enclosures and gloveboxes



C420

Compact, reliable
blower system for
PAPR applications!

Supply voltage	5 V _{DC}
Static pressure	700 Pa
Freeflow	145 l/min
Motor controller	Integrated driver electronics
Typical applications	PAPR blower and battery system compatible with RD40 filters, hoses & masks



C012

World's smallest
PAPR with unique
in-line design!

Supply voltage	6 V _{DC}
Static pressure	600 Pa
Freeflow	250 l/min
Motor controller	Integrated driver electronics
Typical applications	Masks, hoods, headtops. Multiple wearing options between filter, hose & head-gear with RD40 connection