

Miniature Fans and Blowers

Powering Air for Personal Protection



Applications

- PAPR ventilation
- Air Purifying Hoods & Headgear
- Body and suit cooling
- Suit pressurizer
- Isolation/Containment Capsules
- Glovebox and Fume Chambers
- Special Customized project

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
- O₂ and gas resistant versions available

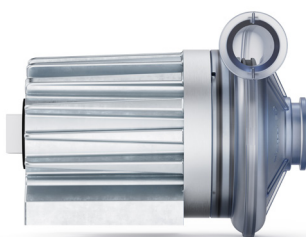
Micronel's high performance Axial Fans and Radial Blowers provide peace of mind in demanding and diverse Personal Protection, HazMat and Isolation equipment. Deployed globally in industrial, military and civilian applications to provide either negative pressure/suction across filters or positive pressure to prevent the ingress of contaminated air into mask, suits and enclosures. The compact and quiet fans and blowers master the most difficult conditions to provide life-saving protection every day. The 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 coupled with highest reliability and life expectancy.



U51HP

Cost effective blower with high pressure and flow rate!

Supply voltage	12 V _{DC}
Static pressure	2600 Pa
Freeflow	380 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	12900 Pa
Freeflow	880 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	5.2 V _{DC}
Static pressure	700 Pa
Freeflow	380 l/min
Motor controller	Brushed motor
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	Brushed motor
Typical applications	Masks, hoods, headtops Multiple wearing options between filter, hose & headgear with RD40 connection