

## 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<sub>DC</sub> and battery operation versions available
- Available with integrated electronic motor driver
- O<sub>2</sub> and gas resistant versions available

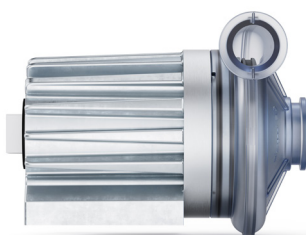
Micronel's high performance Axial Fans and Radial Blowers provide peace of mind in demanding and diverse Personal Protection, HazMat and Isolation equipment. Deployed globally in industrial, military and civilian applications to provide either negative pressure/suction across filters or positive pressure 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!

<b>Supply voltage</b>	12 V <sub>DC</sub>
<b>Static pressure</b>	2 600 Pa
<b>Freeflow</b>	380 l/min
<b>Motor controller</b>	Integrated driver electronics
<b>Typical applications</b>	Battery powered hoods, headtops, masks needing good pressure/suction



## U85HL

Extremely powerful  
blower, very versatile  
and reliable!

<b>Supply voltage</b>	24 V <sub>DC</sub>
<b>Static pressure</b>	12 900 Pa
<b>Freeflow</b>	880 l/min
<b>Motor controller</b>	Integrated driver electronics
<b>Typical applications</b>	High pressure/suction such as capsules, enclosures and gloveboxes



## C420

Compact, reliable  
blower system for  
PAPR applications!

<b>Supply voltage</b>	5.2 V <sub>DC</sub>
<b>Static pressure</b>	700 Pa
<b>Freeflow</b>	380 l/min
<b>Motor controller</b>	Brushed motor
<b>Typical applications</b>	PAPR blower and battery system compatible with RD40 filters, hoses & masks



## C012

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

<b>Supply voltage</b>	6 V <sub>DC</sub>
<b>Static pressure</b>	600 Pa
<b>Freeflow</b>	250 l/min
<b>Motor controller</b>	Brushed motor
<b>Typical applications</b>	Masks, hoods, headtops Multiple wearing options between filter, hose & head-gear with RD40 connection