



C012 Inline Blower

For more than 40 years Micronel AG has been a leading Swiss company in airflow- and thermo engineering and manufacturer of high efficiency fans and blowers used for personal protection applications in Industry, Civil Defence, Homeland Security, Army.

The MICRONEL C012 Inline Blower - the smallest PAPR worldwide - is a unique breathing support when wearing of protection masks (full face masks or escape-/chemistry hoods) and use of filters are required. With the use of the C012 Inline Blower supplementary PAPRs is unnecessary.

Benefits

- Easy breathing (elimination of filter resistance)
- No wearing of supplementary PAPR
- Compatibility with all commercial full face masks
- Fitting to all standard canister filters with RD40 thread
- Smallest design
- Low weight
- High efficiency blower
- Less formation of fogging in the mask

Breathing is made considerably easier

The airflow helps prevent the users face piece from fogging and also reduces breathing effort as the powered air flow greatly reduces the additional pulmonary stress. This reduction in stress facilitates heavy work performance even under extreme climatic conditions and provides a high degree of comfort.

Easy and smart wearing

The MICRONEL C012 Inline Blower is the smallest PAPR worldwide. It's handy and "flyweight" size allows various wearing positions (the battery pack features two loops for fixation on the waist belt or backpack; the ergonomic size also allows a wearing in cargo trouser pockets etc. The blower can easily be screwed either between the mask and the filter canister or between the connection hose and the filter (RD 40 threads male and female).

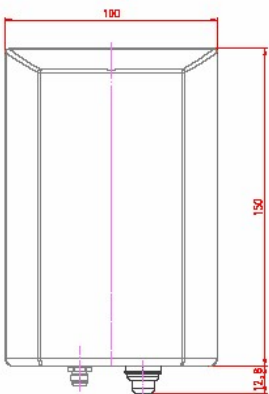
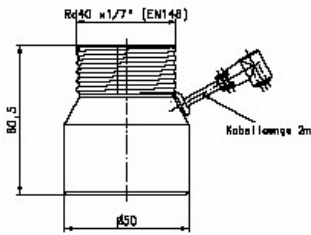
Characteristics

- Smallest PAPR worldwide
- Low weight
- Smart design
- High-quality blower unit
- Multiple wearing positions
- Easy screwing between either mask and filter or hose and filter (RD40 thread male and female)
- Compatible with military or commercial masks (NATO filter connections RD40 x 1/7")



Fields of Application

- Police forces
- Civil defence
- Chemical laboratories
- Homeland security
- Army special task forces
- Air force crew members
- Agriculture
- Escape hoods
- Casualty bags
- etc.



Technical Data

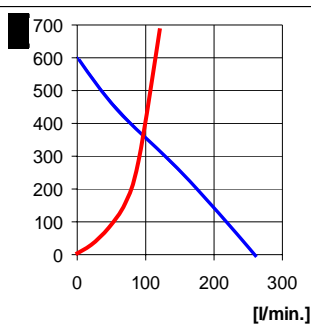
Blower unit

Nominal Voltage 6V DC
 Power Consumption 1.6W
 MTTF 500h
 Typical Working Point approx 360Pa/70lmin.
 (with combination filter & mask)

Motor quality motor
Housing Material PPO
Weight 65 g
MTTF 500h

Battery unit

- **Dimensions** 100 x 140 mm
 - **Nominal Voltage** 6.0 VDC NiMH
 - **Capacity** 4.5Ah
 - **Weight** 500g
 - **Cycle life** 500
 - **Protection class** IP 55
 - **Brackets** 2 brackets for fixation



— typical filter resistant C2 filter

— PQ characteristic blower unit