



C420 by Micronel AG



Dependability in all situations

– Dangerous situations arise quickly and unexpectedly. Task force troops, who are the first to react in such situations, must be able to rely unconditionally on their breathing apparatus. As they can with the C420 PAPR from Micronel, which enjoys the highest levels of trust worldwide.

Breathing made easy



When it comes to respiratory systems, many people's thought turn to Micronel. The C420 PAPR (powered air purifying respirator) is used all around the world wherever respirator masks have to be worn or where the wounded have to be rescued in casualty bags. What was developed by Micronel in 1992 and first supplied to the British Army is today used, in addition to the armies in the USA, Australia and Hungary, by special task forces in Japan, Kuwait and Australia, plus the Australian Anti-Terror Force, the Norwegian Air Force and the police and fire services in Britain and Taiwan.



Manpower can be effectively deployed wherever it is needed without having to worry about laboriously drawing in filtered air. The Micronel PAPR takes care of this with Swiss precision and dependability. A constant supply into the respirator mask of 115 to 140 litres per minute of filtered air offsets filter resistance, thus making breathing a great deal easier. The positive pressure in the mask increases safety levels and avoids annoying, steamed up goggles.



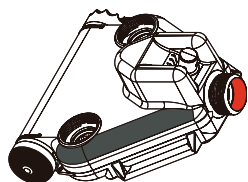
It is not for nothing that the Micronel PAPR has been so well received. Its ergonomic design, the comfort achieved by being able to wear it various different ways and its simple use are all very impressive and compare favourably with competitors' products, which in the main are bulky and awkward.

Another advantage of the C420 PAPR is that it is extremely simple to decontaminate, as the unit, complete with battery compartment, is totally airtight and watertight. Standard Rd40 connecting threads also allow this ventilator unit to be used on practically every respirator mask available on the market.

The C420 PAPR is powered by a lithium (LiSO₂) battery, which will keep it running for up to around 10 hours, depending on what filters are being used and how hard it is being worked. As an ecological and economic alternative, it is also possible to use a rechargeable nickel metal hydride (NiMH) battery, which after around 4 1/2 hours of operating time can be recharged with a battery charger over and over again up to 500 times.

The premium technical qualities of the Micronel C420 PAPR are confirmed by its NATO approval and make it a trusty ally in every tough situation, always efficient and reliable.

But Micronel is not sitting on its laurels – later this year, it will be launching further upgrades with enhanced battery performance, a variety of motor variants and flow control.



Technical information:

Type C420 respirator blower
Dimensions: 220 x 226 x 86 mm
Air capacity: 70 - 320 l/min

Pressure: 200 - 700 Pa
Usable filters: Div. particle, combination or NATO filters with RD40 thread

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