

FRESH AIR UNIT



N 2000-unit



Clean air and high comfort while welding

During welding, a combination of fume, smoke and dust will appear inside the visor. This leads to tiredness and discomfort, which affects the level of concentration.

The Fresh Air Unit gives the user respiratory protection with clean, filtrated air inside the helmet. The clean airstream will keep the user fresh and let them concentrate on the work.

Improving your workspace

Comfortable and robust

The ergonomic design makes the **Fresh Air Unit** light and flexible. The comfort belt carried around the waist is equipped with soft padding, which gives the user both stability and comfort. As an option, there is also a larger and wider comfort pad for those who need extra stability.

The Fresh Air Unit is extremely robust. By using ABS/Polycarbonate a light and durable product for tough environments is achieved.

N 2000 - Fresh Air Unit (automatic)

Automatic airflow regulation and alarm function gives the user maximum comfort and ensures a safe working environment giving a typical airflow of 185 l/min, dependent on the condition of the filter. The sophisticated electronics maintain the power even as the battery voltage drops and also have visual and audible alarms to warn of blocked filters and of a low battery.

Unit approved according to EN 12941.

N 1000 - Fresh Air Unit (manual)

Unit approved according to EN 146 with no alarm required on system. Instead a separate airflow indicator is provided to check for low battery and blocked filter. Maximum airflow is 175 l/min.

Battery

The light nickel metal hydride battery has no “memory effect” and is of a “snap-in” type, which makes the changing and charging very easy. The fully charged battery provides enough power for a normal working day. The charging time for a completely discharged battery lies between 12 and 16 hours.

Environmental data

Model	Weight
N 2000	1.2 kg incl. battery
N 1000	1.0 kg incl. battery

Filter

The Fresh Air Unit is equipped with two filters, one textile prefilter and one particle filter which both can be easily changed. The particle filter is of TH2P cassette type with a large filter area, 0.17 m², which gives it a long life time and a filter efficiency of minimum 98 % *. TH3P type filter with even higher efficiency is available as accessory.

We recommend particle filter exchange after 80 hours in medium dust environments or after 40 hours in high dust environments. Regular changing of prefilter will extend the life time of the main filter. We recommend a minimum of once per shift in medium dust environments or 2-3 hours per shift in high dust environments.

Power unit with filter

Fresh Air Unit includes power unit, prefilter, main P2 filter (98% efficiency), belt with comfort pad, hose and air channel, mounting kit, face and head seal and velcro tape. Battery and charger not included.

Part No. 62009520

N 1000 Fresh Air Unit with separate air flow indicator.

Part No. 62009521

N 2000 Fresh Air Unit with electronic airflow regulation and alarm function for blocked filter and low battery level.

Battery and charger (compulsory)

Part No. 62009524

8 hour small type battery with Eurocharger for N 1000 Fresh Air Unit.

Part No. 62009525

8 hour large type battery with Eurocharger for N 2000 Fresh Air Unit.

Accessories

Part No. 62911724

Extra large comfort belt.

Part No. 62009503

Extra high efficiency main filter of P3 type (minimum 99,8% *), 5 pcs.

* Filter tested for 0.6 µm chloride aerosol and for 0.4 µm paraffin aerosol.

Nederman[®]
Improving your workspace

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The majority of Nederman's products are manufactured within ISO 9001 and ISO 14001-certified Quality- and Environmental system. For more detailed information please contact us.