

TECHNICAL DATASHEET



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CleanAIR® AerGO® Powered air purifying respirator



Description

The battery powered air purifying respirator (PAPR), the breathing protective device for increasing comfort and safety when combined with approved headtops.

Application

In default AerGO® provides protection against particulates, but is also capable to provide protection against a wide range of contaminants when used with combined filters.

DA-072_-_300000PA_-_AerGO_EN



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* the picture is illustrational only and may vary depending on additional equipment

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CleanAIR® AerGO®

Powered air purifying respirator



Technical specification

| | | | | |
|---------------------------|---|---------------------------|---------------|----------------|
| Product code | 300000PA | | | |
| Flow rate | 160 / 175 / 190 / 210 lpm | | | |
| Battery | Standard battery | Heavy duty battery | | |
| Voltage | 14,4 V | 14,4 V | | |
| Capacity | 2,6 Ah | 5,2 Ah | | |
| Charging time | < 3 hours | < 6 hours | | |
| Operation time* | < 10 hour* | < 20 hours* | | |
| Battery lifespan | up to 500 charging cycles | up to 500 charging cycles | | |
| Battery charger | Microprocessor controlled, fully automatic Input: 100 - 240 V (50/60 Hz) Output: 18 V (max. 1500 mA) Multi plug: EUR, UK, US and AUS | | | |
| Weight | 980 g (including standard battery) | | | |
| Dimensions | 235 mm / 126 mm / 65 mm (with standard battery) | | | |
| Noisiness | < 70 dB | | | |
| Materials | Unit: polyamide Zytel ST801 Belt: textile part - polyester/nylon/rubber foam plastic part - polyamide | | | |
| Motor | Ball-bearing brushless motor | | | |
| Input / Output (threads) | Filter thread - AerGO® thread, diameter 110 mm - 2x Airflow output thread - CA40x1/7" - 1x | | | |
| Filters | P R SL | A1 P R SL | A1B1E1 P R SL | A1B1E1K1P R SL |
| Weight | 78 g | 280 g | 280 g | 320 g |
| Diameter | 110 mm | 110 mm | 110 mm | 110 mm |
| Height | 25 mm | 65 mm | 65 mm | 65 mm |
| Belt | Comfort padded belt | Comfort leather belt | PVC belt | |
| Waist size: | up to 1500 mm | up to 1500 mm | up to 1400 mm | |
| Standard | EN 12941 | | | |
| Protection class / NPF*** | TH3 / 500 | | | |
| Ingress protection | IP41 | | | |
| Storage conditions | - 10°C to + 55°C, humidity 20 - 95 % Rh | | | |
| Operating conditions | 0°C to + 60°C, humidity 20 - 95 % Rh | | | |

* with new P3 filters and fully charged battery / ** depends on used headtop

Features

Warning system – visual, audible and vibrating alarm for low airflow and low battery charge.

Flow control system – maintains level of airflow constant regardless filter clogging or battery charge.

Spark arrester and prefilter option – it is very easy to attach spark arresters and prefilters to the filter.

LED display – LED display visualises airflow, filter clogging and battery charge.

Built-in barometric sensor – automatic airflow compensation depending on altitude. Works from -500m up to 4500m.

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Product sets / variations

| | |
|----------|---|
| 300000PA | Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), comfort padded belt, P R SL filters |
| 300000P | Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort padded belt, P R SL filters |
| 300000LA | Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), comfort leather belt, P R SL filters |
| 300000L | Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort leather belt, P R SL filters |
| 300000LH | Powered air purifying respirator AerGO®, exchangeable Heavy Duty battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort leather belt, A1B1E1P R SL filters |
| 300000DA | CleanAIR AerGO with PVC belt, battery, charger and set of P R SL filters |
| 300000 | CleanAIR AerGO – set of filters P R SL, battery and with flow indicator |

Spare parts and accessories

| | |
|-----------|---|
| 300030 | Pre-filter holder, spark arrestor, pre-filter – a set of 2+2+2 pcs |
| 300015 | Pre-filter CleanAIR® AerGO® (10 pcs) |
| 300015/50 | Pre-filter CleanAIR® AerGO® (50 pcs) |
| 300020 | Spark arrestor (10 pcs) |
| 300025 | Odour filter CleanAIR®AerGO (10 pcs) |
| 300025/50 | Odour filter CleanAIR®AerGO (50 pcs) |
| 320092 | Heavy duty leather belt |
| 300092 | Comfort belt for CleanAIR® AerGO® |
| 310013 | Battery Li-Ion Standard 14,4 V / 2,6 Ah |
| 310023 | Battery Li-Ion Heavy Duty 14,4 V / 5,2 Ah |
| 310030 | Battery charger, new multi-plug (compatible with 310013/23 batteries) |
| 300010/2 | Particle filter P R SL TR-110 thread (pack of 2 pairs) |
| 300357 | Combined filter A1P R SL TR-110 thread (set of 2 pcs) |
| 300364 | Combined filter A1B1E1P R SL – OZONE, TR-110 thread (set of 2 pcs) |
| 300368 | Combined filter A1B1E1K1P R SL – OZONE, thread TR110 (pack of 2 pcs) |
| 300092 | Comfort padded belt (AerGO) |
| 300093 | Comfort belt and harness (AerGO) |
| 300094 | Comfort harness (Basic, AerGO) |
| 300095 | Comfort belt for harness (AerGO) |
| 330052 | Decomtainable PVC harness (AerGO) |
| 330053 | Decomtainable PVC belt and harness (AerGO) |
| 330092 | Decomtainable PVC belt (AerGO) |
| 710050 | SunFibre Hi-Vis set (active lighting, power bank, pocket) |
| 710051 | SunFibre Hi-Vis active lighting |
| 710052 | Harness pocket for SunFibre |
| 710053 | Power Bank ONPOWER 4000 mAh |
| 710071 | Harness hose holder |

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Compatible headtops

| | | |
|-------------|---|-----|
| 720102 | Short protective hood CA-1, orange | TH3 |
| 720102B | Short protective hood CA-1, blue | TH3 |
| 720101 | Short hood CA-1 lite | TH3 |
| 720202 | Long protective hood CA-2, orange | TH3 |
| 720202B | Long protective hood CA-2, blue | TH3 |
| 720201 | Long hood CA-2 lite | TH3 |
| 721002 | Long protective hood CA-10, chemically resistant | TH3 |
| 703100 | Protective faceshield Omnira air | TH3 |
| 710300* | Grinding shield CA-3 (polycarbonate visor) | TH2 |
| 710301* | Grinding shield CA-3 (acetate visor) | TH2 |
| 704001 | Safety helmet CA-40 weld. shield, ADF V9-13 DS | TH3 |
| 704100 | Safety helmet CA-40G grinding shield | TH3 |
| 704201 | Safety helmet CA-40GW grinding + welding shield, ADF V9-13 DS | TH3 |
| 703001 | Welding helmet CleanAIR® Verus air, incl. ADF S60+ | TH3 |
| 703201 | Welding helmet CleanAIR Omnira COMBI air, incl. ADF S60F | TH3 |
| 702800 | Welding helmet CA-28 Euromaski | TH2 |
| 702070* | Welding helmet CA-20 ADF V9-13 DS | TH3 |
| 702081* | Welding helmet CA-20 ADF V6-8/9-13 GDS | TH3 |
| 70.4441.600 | Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, silver | TH3 |
| 70.4441.601 | Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, black | TH3 |
| 70.4441.660 | Welding helmet AerTEC™ RangeMAX Air incl. ADF with air distribution | TH3 |
| 702701 | Welding helmet CA27 YOGA, including air distribution and ADF AerTEC™ X1004/9-13 | TH2 |
| 702701TC | Welding helmet CA27 YOGA, including air distribution and ADF AerTEC™ X1104/9-13 | TH2 |
| 702901* | Welding helmet CA29 Evolve, incl. air distribution and ADF V913 | TH2 |
| 702902* | Welding helmet CA29 ADF AerTEC™ X100 V913, incl. air distribution | TH2 |
| 702902TC* | Welding helmet CA29 ADF AerTEC™ X110 V913, incl. air distribution | TH2 |
| 720300.01 | Protective face shield UniMask®, grey | TH3 |
| 720300.08 | Protective face shield UniMask®, neoprene | TH3 |
| 70.4900.020 | Grinding shield AerTEC™ SeeMAX including head gear and air distribution | TH3 |

* production ended in 2023

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