

TECHNICAL DATASHEET



WWW.CLEAN-AIR.CZ

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 wide range of contaminants when used with combined filters.

TECHNICAL DATASHEET

CleanAIR® AerGO®

Powered air purifying respirator



Technical specification

Product code	30 00 00PA		
Flow rate	160 and 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. 1 500 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
Weight	78 g	280 g	280 g
Diameter	110 mm	110 mm	110 mm
Height	25 mm	65 mm	65 mm
Belt	Comfort padded belt	Comfort leather belt	
Waist size:	up to 1 500 mm	up to 1 500 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 warning 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

Its very easy to attach spark arresters and prefilters to the filter.

LED display

LED display visualises airflow, filter clogging and battery charge.

Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.

TECHNICAL DATASHEET

CleanAIR® AerGO®

Powered air purifying respirator



Product sets / variations

30 00 00PA	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (EURO - plug), comfort padded belt
30 00 00PAU	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (UK - plug) , comfort padded belt
30 00 00PA-AUS	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (AUS - plug) , comfort padded belt
30 00 00LA	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (EURO - plug), comfort leather belt
30 00 00LAU	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (UK - plug) , comfort leather belt
30 00 00LA-AUS	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (AUS - plug) , comfort leather belt

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

Spare parts and accessories

30 00 13	Exchangeable battery Li-Ion 14,4 V / 2,6 Ah
51 00 30EUR	Charger for CA AerGO® (EURO - plug)
51 00 30UK	Charger for CA AerGO® (UK - plug)
51 00 30AUS	Charger for CA AerGO® (AUS - plug)
30 00 92	Comfort padded belt
32 00 92	Comfort leather belt
30 00 10/2	Filter CleanAIR® AerGO® P R SL (pack of 2 pairs)
30 00 30	Filter cover, spark arrester, prefilters (set of 2 + 2 + 2 pcs)
30 00 15	Prefilter - set of 10 pcs
30 00 15/50	Prefilter - set of 50 pcs
30 00 20	Spark arrester - set of 10 pcs
70 00 60	Light flexi hose CA40x1/7"- CA40x1/7" - straight conn.
70 00 86CA	Rubber hose CA40x1/7" - CA40x1/7" - straight conn.
71 00 62F	Hose cover flameproof

Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.

TECHNICAL DATASHEET

CleanAIR® AerGO®

Powered air purifying respirator



Compatible headtops

71 01 00*	Short hood CA-1 orange	TH2
71 02 00*	Long hood CA-2 orange	TH2
71 02 00G	Long hood CA-2 chemically resistant grey	TH2
71 10 00*	Universal hood CA-10 orange	TH3
71 10 00G	Universal hood CA-10 chem. resistant grey	TH3
71 03 00	Grinding shield CA-3 (polycarbonate visor)	TH2
71 03 01	Grinding shield CA-3 (acetate visor)	TH2
70 40 01	Safety helmet CA-40 weld. shield, ADF V9-13 DS	TH2
70 41 00	Safety helmet CA-40G grinding shield	TH2
70 42 01	Safety helmet CA-40GW grinding + welding shield, ADF V9-13 DS	TH2
70 28 00	Welding hood CA-28 Euromaski	TH2
70 20 70**	Welding hood CA-20 ADF V9-13 DS	TH3
70 20 81**	Welding hood CA-20 ADF V6-8/9-13 GDS	TH3

* for ordering blue face seal please add „B“ at the end of the product code

** for ordering variant with „Flexi“ seal, please add „F“ at the end of the code

Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.