

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.

TECHNICAL DATASHEET

CleanAIR® AerGO®

Powered air purifying respirator



Technical specification

Product code	30 00 00PA		
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. 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.

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

Disclaimer Notice

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Product sets / variations

30 00 00PA	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), comfort padded belt, P R SL filters
30 00 00P	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort padded belt, P R SL filters
30 00 00LA	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), comfort leather belt, P R SL filters
30 00 00L	Powered air purifying respirator AerGO®, exchangeable battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort leather belt, P R SL filters
30 00 00LH	Powered air purifying respirator AerGO®, exchangeable Heavy Duty battery, flow indicator, charger (multi plug), QuickLOCK™ air hose, comfort leather belt, A1B1E1P R SL filters

Spare parts and accessories

30 00 30	Pre-filter holder, spark arrestor, pre-filter – a set of 2+2+2 pcs
30 00 15	Pre-filter CleanAIR® AerGO® (10 pcs)
30 00 15/50	Pre-filter CleanAIR® AerGO® (50 pcs)
30 00 20	Spark arrestor (10 pcs)
30 00 25	Odour filter CleanAIR®AerGO (10 pcs)
30 00 25/50	Odour filter CleanAIR®AerGO (50 pcs)
32 00 92	Heavy duty leather belt
30 00 92	Comfort belt for CleanAIR® AerGO®
31 00 13	Battery Li-Ion Standard 14,4 V / 2,6 Ah
31 00 23	Battery Li-Ion Heavy Duty 14,4 V / 5,2 Ah
31 00 30	Battery charger, new multi-plug (compatible with 31 00 13/23 batteries)
30 00 10/2	Particle filter P R SL TR-110 thread (pack of 2 pairs)
30 03 57	Combined filter A1P R SL TR-110 thread (set of 2 pcs)
30 03 64	Combined filter A1B1E1P R SL TR-110 thread (set of 2 pcs)

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Compatible headtops

72 01 02	Short protective hood CA-1, orange	TH3
72 01 02B	Short protective hood CA-1, blue	TH3
72 01 01	Short hood CA-1 lite	TH3
72 02 02	Long protective hood CA-2, orange	TH3
72 02 02B	Long protective hood CA-2, blue	TH3
72 02 01	Long hood CA-2 lite	TH3
72 10 02	Long protective hood CA-10, chemically resistant	TH3
70 31 00	Protective faceshield Omnira air	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	TH3
70 41 00	Safety helmet CA-40G grinding shield	TH3
70 42 01	Safety helmet CA-40GW grinding + welding shield, ADF V9-13 DS	TH3
70 30 01	Welding helmet CleanAIR® Verus air, incl. ADF S60+	TH3
70 32 01	Welding helmet CleanAIR Omnira COMBI air, incl. ADF S60F	TH3
70 28 00	Welding helmet CA-28 Euromaski	TH2
70 20 70*	Welding helmet CA-20 ADF V9-13 DS	TH3
70 20 81*	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
70 27 01	Welding helmet CA27 YOGA, including air distribution and ADF AerTEC™ X100 4/9-13	TH2
70 27 01TC	Welding helmet CA27 YOGA, including air distribution and ADF AerTEC™ X110 4/9-13	TH2
70 29 01	Welding helmet CA29 Evolve, incl. air distribution and ADF V913	TH2
70 29 02	Welding helmet CA29 ADF AerTEC™ X100 V913, incl. air distribution	TH2
70 29 02TC	Welding helmet CA29 ADF AerTEC™ X110 V913, incl. air distribution	TH2
72 03 00.01	Protective face shield UniMask®, grey	TH3
72 03 00.08	Protective face shield UniMask®, neoprene	TH3
70.4900.020	Grinding shield AerTEC™ SeeMAX including head gear and air distribution	TH3

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

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