

CleanAIR® Basic

Powered Air Purifying Respirator



Description

The battery-powered air purifying respirator is designed to be used with an approved CleanAIR® headtop to form a respiratory protective device. CleanAIR® Basic provides efficient protection against harmful particles.

Application

CleanAIR® Basic provides efficient protection against particles in the form of solid & liquid aerosols (dusts, fumes, fibres, bacteria, viruses).

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

TECHNICAL DATASHEET

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Technical specification

Product code	810000PA
Nominal flow rate	170 - 240 lpm (adjustable in 5 levels)
Manufacturer's minimum design flow rate	160 lpm
Operating altitude range	-500m up to 2500m
Battery	Li-Ion
Voltage	7.26 V
Capacity	3.2 Ah (23.23 Wh)
Charging time	approx. 4 hours
Operating time*	approx. 9.5 hours*
Battery lifespan	up to 500 charging cycles
Weight	170 g
Battery charger	Microprocessor controlled, fully automatic Input: 100 - 240 V (50/60 Hz) 8.4 V, 1000 mA Multi plug: EUR, UK, US and AUS
Weight	1080 g (including battery, belt and P R SL filter)
Dimensions	191 mm / 173 mm / 104 mm
Noisiness	< 70 dB
Materials	Unit: PP(GF) / ABS Belt: textile part - polyester/nylon/rubber foam
Motor	Brushless with ball-bearings
Hose connection	CA40x1/7" (external thread)
Filters	P R SL
Weight	165 g
Belt	Comfort padded belt Standard
Waist size:	up to 1500 mm
Standard	EN 12941
Protection class / NPF***	TH3 / 500
Storage conditions	- 10°C to + 55°C, humidity 20 - 95 % RH
Operating conditions	0°C to + 60°C, humidity 20 - 95 % RH

* with new P R SL filter and fully charged battery / ** depends on used headtop

Safety Certification

The battery complies with the safety requirements of the following standards:

UN 38.3 – transport safety test for lithium-ion cells and batteries

IEC 62133-2 – safety standard for rechargeable lithium batteries used in portable devices

Disclaimer Notice

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Product sets / variations

810000PA	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), comfort padded belt Standard, without hose
810000P	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), comfort padded belt Standard and QuickLOCK™ hose
810000L	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), leather belt, QuickLOCK™ hose
810000LA	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), leather belt, without hose

Spare parts and accessories

710060	QuickLOCK™ Light flexi hose
710093	Comfort padded belt Standard
720093	Leather comfort belt
810017	Battery CA Basic, Li-Ion (7.26 V / 3.2 Ah / 23.23 Wh)
710030	Battery charger Li-Ion (multi-plug)
707081	Multicharger Basic - 5 slots, w/o power supply
707081P	Multicharger Basic - 5 slots, incl. power supply and AC cords
800010/2	Filter P R SL for CleanAIR® Basic - pack of 2 pcs
800010/20	Filter P R SL for CleanAIR Basic - pack of 20 pcs
810015	Pre-filter (set of 10 pcs)
810020	Odour filter (set of 10 pcs)
810030	CleanAIR® Basic filter cover
710062F	Hose cover flameproof

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Compatible headtops

720102	Short protective hood CA-1, orange	TH3
720102B	Short protective hood CA-1, blue	TH3
720202	Long protective hood CA-2, orange	TH3
720202B	Long protective hood CA-2, blue	TH3
721002	Long protective hood CA-10, chemically resistant	TH3
703100	Protective faceshield Omnira air	TH3
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 hood CA-28 Euromaski	TH2
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
702701	Welding hood CA27 YOGA, including air distribution and ADF AerTEC™ X100 4/9-13	TH2
702701TC	Welding hood CA27 YOGA, including air distribution and ADF AerTEC™ X110 4/9-13	TH2
720300.01	Protective face shield UniMask®, grey	TH3
720300.08	Protective face shield UniMask®, neoprene	TH3

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

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