CleanAIR® Basic
Powered air purifying respirator

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

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).

DA-054_-_810000PA_-_Basic_-_EN

Revision.: 2022_03_04
Output.: 2022_03_04

TECHNICAL DATASHEET

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Technical specification	
Product code	81 00 00PA
Nominal flow rate Manufacturer´s minimum design flow rate	170 - 240 lpm (adjustable in 5 levels) 160 lpm
Operating altitude range	-500m up to 2500m

Battery
    Voltage
    Capacity
    Charging time
    Operating time*
    Battery lifespan
	Li-Ion
	7,2 V
	5,2 Ah
	4-5 hours
	< 10 hour*
	up to 500 charging cycles

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	1 080 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 Weight	P R SL 165 g
Belt Waist size:	Comfort padded belt Standard up to 1 500 mm
Standard Protection class / NPF***	EN 12941 TH3 / 500
Storage conditions Operating conditions	– 10°C to + 55°C, humidity 20 - 95 % Rh 0°C to + 60°C, humidity 20 - 95 % Rh

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

TECHNICAL DATASHEET

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Product sets / variations

81 00 00PA	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), comfort padded belt Standard, without hose
81 00 00P	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), comfort padded belt Standard and QuickLOCK™ hose
81 00 00L	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), leather belt, QuickLOCK™ hose
81 00 00LA	Powered air purifying respirator Basic, exchangeable battery, flow indicator, charger (multi plug), leather belt, without hose

Spare parts and accessories

71 00 60	QuickLOCK™ Light flexi hose
71 00 93	Comfort padded belt Standard
72 00 93	Leather comfort belt
81 00 17	Battery Li-Ion 7,2 V / 5,2 Ah
71 00 30	Battery charger Li-Ion (multi-plug)
80 00 10/2	Filter P R SL for CleanAIR® Basic - pack of 2 pcs
80 00 10/20	Filter P R SL for CleanAIR Basic - pack of 20 pcs
81 00 15	Pre-filter (set of 10 pcs)
81 00 20	Odour filter (set of 10 pcs)
81 00 30	CleanAIR® Basic filter cover
71 00 62F	Hose cover flameproof

TECHNICAL DATASHEET

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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 02 02	Long protective hood CA-2, orange	TH3
72 02 02B	Long protective hood CA-2, blue	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 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
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 hood CA27 YOGA, including air distribution and ADF AerTEC™ X100 4/9–13	TH2
70 27 01TC	Welding hood CA27 YOGA, including air distribution and ADF AerTEC™ X110 4/9–13	TH2
70 29 01	Welding hood 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