maxisafe®

CleanAIR® Chemical 2F PAPR System

CleanAIR®



Features & Benefits

- Compact design and low weight
- Compatible with a hood, mask or ventilated protective suit
- High mechanical and chemical resistance
- High durability – 1.5m drop test
- Increased ingress protection allows decontamination by shower or even full immersion (IP64/IP65/IP68)
- Full colour display clearly shows all the relevant information - filter clogging, battery charge, airflow
- Flow Control system maintains constant airflow regardless of the level offilter clogging or battery charge
- Short battery recharging time < 3 hours
- Audiovisual alarm
- Multilingual user interface
- Wide selection of filters available with a standard DIN connection thread (40x1/7)

Applications

- Heavy industrial environments including chemical and pharmaceutical industry
- Remediation operations, laboratories
- First responders and emergency teams
- Biological protection

Product Details

Product Code:	R510000FCA-AUS
Weight:	960 g (including standard battery)
Dimensions:	240 mm x 110 mm x 120 mm
Airflow:	Adjustable 160 -235 lpm
Alarm:	Audio, visual
Operation* / charging time:	< 10 / < 3 h
Battery:	Li-Ion 14,4 V / 2,6 Ah (standard)

Standards

EN 12941 TH3
EN 12942 TM3
Ingress protection
- IP64/IP65/IP68
IIIC 135°C Dc

Available Head Top Combinations


UniMask
R720300.01


Grinding Hood
R710300


Short Hood
R7201020


Long Hood
R720202


Full Face Mask
R720600L


Grinding Helmet
R704100

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Full Colour Display

Full colour display cleary shows all the relevant information – airflow, battery charge, filter clogging.

Filter Timer

Just set the filter timer according to your needs and the system will trigger the alarm when the filter replacement is required.



Compact Design and Low Weight

The thought-out design with smooth surface allows easy decontamination by shower or even full immersion.



Automatic Closing System

The unique automatic closing system prevents unwanted contamination while the filters are being changed.





Heavy Duty Battery

The high capacity battery doubles the operation time. No more necessary changing or charging the battery during a long shift even when using gas and combined filters.

Battery Li-Ion Heavy Duty, Li-Ion 14,4V / 5,2Ah
R510020



Maximized Water Ingress Protection IP68

The thought-out design with a smooth surface allows easy decontamination by the shower or even full immersion.

IP64 Shower decontamination[1] – full protection from splash of liquids from any angle

IP65 Shower decontamination[2] – full protection from water jets from any angle.

IP68 Immersion disinfection[3] – full protection from continuous submersion in water/disinfection solutuion. Disinfection of CleanAIR® Chemical 2F is feasible e.g. with sodium hypochlorite solution and peroxyacetic solution (Persteril).

[1] When the system is ON, fitted with CleanAIR® filters
[2] When the system is ON, fitted with CleanAIR® filters incorporating pre-filter holder and spark arresters
[3] When the system is OFF, fitted with decontamination plugs

Back Harnesses for Increased Back Support and Higher Comfort



Comfort Padded Harness
R520044.1

Decontaminable Harness
R510042

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Decontamination Set for Chemical 2F/3F

Set of plugs for easy and thorough decontamination of respiratory units Chemical 2F/3F – ensuring ingress protection IP68.

Decontamination set 2F - 2× plug with external thread, 1× cap with internal thread
R510046



Decontamination Filter Cover

Protects the filter against water during decontamination process – ensuring ingress protection IP65.

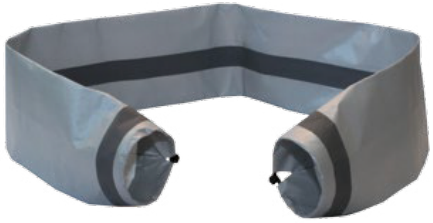
Decontamination Filter Cover
R580013



Chemically Resistant Hose Cover

Chemically resistant protective sleeve is made from Tychem-F that prevents the light hose from damage caused by splash of chemicals.

Hose Cover Chemical Resistant
R700062C



Belt Options Available



Decontaminable belt made from rubber 'Hypalon' for easy decontamination.

Decontamination Belt
R510051



Comfort padded belt with broad back part to efficiently spread weight of unit.

Comfort Padded Belt
R710092

Protective Unit Cover also Available

Washable protective cover available to protect the Chemical 2F unit from potentially corrosive agents and extend the units life.



Washable Protective Cover
R510048

Two different hose options available

Option of a light flexible hose or a heavy-duty rubber hose with high chemical resistance for very demanding environments.

Rubber Hose (QuickLOCK™ - CA40x1/7")
R710060



Light flexi hose (QuickLOCK™ - CA40x1/7")
R710060

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DIN Thread Filters to Suit Chemical 2F

The complete range of CleanAIR® canister filters offers a wide selection of filters for most industrial applications, pharmaceutical industry, laboratories and agriculture. The filters are supplied with a standard connection thread RD40×1/7" according to EN 148-1.

Particle filters catch a wide range of solid particles in the form of liquid and solid aerosols such as dust, smoke, fibres, bacteria, viruses and radioactive particles.

Gas filters provide protection against contaminants in the form of gases and vapours.

Combined filters provide protection against a combination of contaminants in the form of gases, vapours and solid particles.

Particle Only Filters



P3
R500048.6

Combined Filters – Class 1



A1P3
R500357



A1B1E1P3
R500364

Combined Filters – Class 2



A2P3
R500157



A2B2P3
R500167



A2B2E2P3
R500164



A2B2E2K2P3
R500168



A2B2E2K2HgP3
R500166

Filter for organic gas and vapours with a boiling point lower than +65°C



A3AXP3
R500170

Filter Accessories

Pre-Filter traps the coarse particles and thus providing the life time of the main filter.

Pre-filter (pack of 10pcs)
R500110

Odour Filter apart from trapping the coarse particles it even removes unpleasant odours.

Spark Arrester prevents the main filter from being damaged hot sparks.

Spark Arrester
R500112

Red Pre-Filter Keeper
R500109



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