CleanAIR®

BY maXisafe®



CHEMICAL 2F PAPR CUSTOMISATION BOOKLET

Compact, lightweight yet powerful…. Meet the most versatile and durable respirator on the market. Despite its compact design and low weight, Chemical 2F is characterized by outstanding durability, chemical resistance and increased ingress protection. The thoughtout design with a smooth surface allows easy decontamination by shower or even full immersion. The unique automatic closing system prevents unwanted contamination while the filters are being changed. The smart Flow Control system maintains the airflow on the constant level regardless filter clogging or low battery charge. Audiovisual alarm indicates when the battery charge and/or filter replacement is required.

FEATURES AND BENEFITS

- Compact design and low weight
- Compatible with a hood, mask or ventilated protective suit
- High mechanical and chemical resistance
- 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 of filter clogging or battery charge
- Operation time up to 16 hours with Heavy Duty battery, or up to 10 hours with standard battery
- Short battery recharging time < 3 hours (standard battery)
- Audiovisual alarm
- Multilingual user interface

AREAS OF APPLICATION

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

TECHNICAL DATA

Parameters	Specification
Weight	960g (including standard battery with no filters)
Airflow	adjustable 120–235 lpm
Alarm	audio, visual
Operation* / charging time	< 10 / < 3 h standard battery < 16 / < 5,5 h Heavy Duty battery
Battery	Li-Ion 14,4 V / 2,6 Ah (standard battery) Li-Ion 14,4 V / 5,2 Ah (heavy duty battery)
Hose connection	CA40×1/7"
Certification	EN 12941 TH3, EN 12942 TM3 Ingress protection IP64/IP65/IP68

* at 160 lpm with brand new P3 filters and fully charged battery

AVAILABLE FILTER TYPE

particles, combined - Class 1, combined - Class 2

PRODUCT VARIANTS

Product description	Art.No.
CleanAIR Chemical 2F Plus incl. standard battery, flow indicator and charger - NO belt, decon plugs or filters included	R510000NA-AUS
CleanAIR Chemical 2F PAPR Belt Unit - Ex Intrinsically Safe version	R51E000FD-AUS

CHEMICAL 2F BELT UNIT

CHOOSE YOUR BELT TYPE

☐ **DECONTAMINABLE BELT PVC - CHEMICAL 2F/3F**
R510051



☐ **COMFORT BELT 'SUPER' FOR BASIC AND CHEMICAL 2F**
R710092



☐ **HEAVY-DUTY LEATHER COMFORT BELT**
R720092



CHOOSE YOUR BATTERY (Starter Kit comes with Standard Battery)

STANDARD BATTERY
R510010

- 10-hour run time with particle fighters
- 5-6 hour run time with combine filters
- 3 hour charging time



HEAVY DUTY BATTERY
R510020

- 16-hour run time with particle filters
- 10 hour run time with combine filters
- 5.5 hour charging time



IS A BACK HARNESS REQUIRED?

PADDED COMFORT OPTION
R520044.1



PVC DECONTAMINABLE OPTION
R510052



PADDED BACK-PACK OPTION
R710094



USEFUL WHEN THE PAPR NEEDS TO BE MOUNTED HIGHER UP THE BACK

SELECT THE APPROPRIATE FILTER (2 OF THE SAME FILTER MUST BE USED)



Product code	R500048
Type	P3



Product code	R500357
Type	A1P3



Product code	R500364
Type	A1B1E1P3



Product code	R500368
Type	A1B1E1K1P3



Product code	R500157
Type	A2P3



Product code	R500164
Type	A2B2E2P3

...continued SELECT THE APPROPRIATE FILTER (2 OF THE SAME FILTER MUST BE USED)



Product code	R500166
Type	A2B2E2K2HgP3



Product code	R500167
Type	A2B2P3



Product code	R500168
Type	A2B2E2K2P3



Product code	R500557
Type	A3AXP3

HOW TO SELECT THE RIGHT FILTER?

COLOUR CODES

Each gas filter has a specific colour code.
The colour code tells you which **harmful gases and vapours the filter protects against.**

IDENTIFYING THE LETTER	COLOUR	PROTECTION AGAINST
A	BROWN	Organic gases and vapours, solvents with a boiling point above 65₀C
B	GREY	Inorganic gases and vapours
E	YELLOW	Sulphur dioxide and hydrogen chloride
K	GREEN	Ammonia and organic ammonia derivatives
AX	BROWN	Organic gases and vapours with a boiling point above 65₀C
Hg-P3	RED / WHITE	Mercury vapour
CO	BLACK	Carbon monoxide
NO-P3	BLUE	Nitrous gases and vapours
Reactor P3	ORANGE	Radioactive iodines

SELECT THE PREFILTER ACCESSORIES

SET OF PREFILTERS
R500110
QTY: 10 PREFILTERS + 1 KEEPER



SET OF SPARK ARRESTERS
R500112
QTY: 2 PCS + 2 KEEPER



SPARE PREFILTER CAP
R500109
QTY: 1X KEEPER



SELECT THE HOSE

STANDARD HOSE
R710060
STANDARD HOSE



EXTENDED HOSE
R710060L
LONGER HOSE
QUICKLOCK - CA40X1/7"



RUBBER HOSE
R710086
FOR HEAVY-DUTY / CHEMICAL WORK



LIGHT FLEXI HOSE
R710060S
QUICKLOCK - SHORT



CLEANAIR FLAME PROOF HOSE COVER - SHORT
R710062FS



SELECT THE HOSE COVER

FLAMEPROOF HOSE COVER
R710062F



HOSE COVER - CHEMICAL RESISTANT
R700062C



PICK ADDITIONAL PARTS & ACCESSORIES

PROTECTIVE COVER FOR CHEMICAL 2F
R510148.5



DISPOSABLE,
PACK OF 5 PCS

DECONTAMINATION SET
R510046



RUBBER FILTER COVER
R580013

QTY: 1



CHEMICAL 2F BATTERY CHARGER
R510030AU



MULTI-CHARGER POWER BANK
R707051P



CLEANAIR KLAR-PILOT COMFORT, 17ml
R11017



CLEANAIR KLAR-PILOT FLUID SUPER PLUS, 100ml
R111000



CHEMICAL 2F ACCESSORIES AND SPARE PARTS

Product code	Description	Group
R51M010	Battery CA MedicAER Li-Ion 14,4V/2,6Ah	
R510010	Battery CA Chemical 2F Standard Li-Ion 14,4V/2,6Ah	
R510010.1	2F Battery connector cover - rubber, pck of 5 pcs	
R510011	Primary Li-Ion battery, non-rechargeable	
R510012	Battery CA Chemical 2F for RDD, Li-Ion 14,4V/2,6Ah	
R510013	Primary battery CA Chemical 2F for RDD, Li	
R510015.1	Power adaptor 2F, 230V/24V for the main socket	
R510015.2	Power adaptor 2F, 12-24V for car power socket	
R510020	Battery CA Chemical 2F Heavy Duty Li-Ion 14,4V/5,2Ah	
R510025	Remote display device for Chemical 2F, 3F (RDD)	
R510039	Battery charger cord extension	
R510030AUS	Battery charger Chemical 2F/3F, AUS plug	
R510030EUR	Battery charger Chemical 2F/3F, Euro plug	
R510030UK	Battery charger Chemical 2F/3F, UK plug	
R510046	Decontamination set for 2F	
R510048	Protective cover for unit Chemical 2F	
R510051	Decontaminable belt PVC - 2F/3F	
R510052	Decontaminable harness PVC - 2F	
R520043.1	Comfort belt 3F	
R520044.1	Comfort harness for CA Chemical 2F/3F	
R520010	Battery CA Chemical 3F Li-Ion 14,4V/2,6Ah	
R520012	Battery CA Chemical 3F for RDD, Li-Ion (14,4V / 2,6Ah)	
R520046	Decontamination set for 3F	
R520052	Decontaminable harness PVC - 3F	
R520101	2F/3F TFT display foil, pack of 5 pcs	
R710092	Comfort belt Super (Basic, 2F)	
R720092	Leather comfort belt CA Chemical 2F	


R510010


R510012


R510020


R520010


R710092


R520043.1


R71E092


R520044.1


R720092


R510052


R520052


R510046


R510051


R520046


R520101


R510030EUR
R510030UK
R510030AUS


R510011
R510013


R510025


R520012


R510048


R510039

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