# **CleanAIR**® www.clean-air.cz

# TECHNICAL DATASHEET

# CleanAIR® Chemical 2F plus

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 Chemical 2F Plus provides protection against particulates, but is also capable to provide protection against wide range of contaminants when used with combined filters.

DA-020\_-\_510000FCA\_-\_Chemical\_2F\_Plus\_-\_EN



Revision.: 2022\_03\_04 Output.: 2022\_03\_04

# CleanAIR® Chemical 2F plus

Powered air purifying respirator



51 00 00FCA Airflow [lpm]								
Airflow [lpm]								
	Mode	Filter category						
120 / 140 / 160		Particle						
120 / 140 / 160	Mask	Light combined (class 1)						
120 / 140 / 160	EN 12942	Heavy combined (class 2)						
120 / 140 / 160		Heavy combined (class 3)						
160 / 185 / 210 / 235		Particle						
160 / 185 / 210	Hood	Light combined (class 1)						
160	EN 12941	Heavy combined (class 2)						
160		Heavy combined (class 3)						
		Heavy Duty battery 14,4 V 5,2 Ah < 6 hours < 20 hours* up to 500 charging cycles						
Microprocessor controlled, fully automatic Input: 100 - 240 V (50/60 Hz) Output: 18 V (max. 1 500 mA) Available plugs: EUR, UK and AUS								
1 000 g (incl. standard battery, excl. filters)								
235 mm / 126 mm / 65 mm (with standard battery)								
< 70 dB								
Unit: high performance polyamide Belt: textile part - polyester/nylon/rubber foam plastic part - polyamide								
Ball-beared brushless motor								
Filter thread - RD40x1/7" - 2x Airflow output thread - CA40x1/7" - 1x								
Comfort padded belt - up to 1 500 mm								
EN 12941 TH3 / 500		EN 12942 TM3 / 2000						
When switched ON (without any further requirements) When switched ON (set of spark arresters and pre-filter holders - 50 01 12) When switched OFF (with plugged inputs and output - 51 00 46)								
TFT display (262k colours, 160x160 px) (showing actual working mode, airflow, filter condition and battery status)								
	120 / 140 / 160 120 / 140 / 160 120 / 140 / 160 160 / 185 / 210 / 235 160 / 185 / 210 160 160 160 160 Standard battery 14,4 V 2,6 Ah < 3 hours < 10 hour* up to 500 charging cyc Microprocessor controll Input: 100 - 240 V (50/6 Output: 18 V (max. 1 50/6 Available plugs: EUR, Ut 1 000 g (incl. standard in 235 mm / 126 mm / 65 < 70 dB Unit: high performance Belt: textile part - polyes plastic part	120 / 140 / 160  120 / 140 / 160  160 / 185 / 210 / 235  160 / 185 / 210  160  Standard battery 14,4 V 2,6 Ah < 3 hours < 10 hour* up to 500 charging cycles  Microprocessor controlled, fully auto Input: 100 - 240 V (50/60 Hz) Output: 18 V (max. 1 500 mA)  Available plugs: EUR, UK and AUS  1 000 g (incl. standard battery, excl.: 235 mm / 126 mm / 65 mm (with states of the states						

 $<sup>^{\</sup>star}$  with new P3 filters and fully charged battery /  $^{\star\star}$  depends on used headtop

## Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.

# CleanAIR® Chemical 2F Plus

Powered air purifying respirator



# Product sets / variations 51 00 00FCA\* Powered air purifying respirator CA Chemical 2F, standard battery, charger (EURO - plug), comfort padded belt, flow indicator 51 00 00FDA\* Powered air purifying respirator CA Chemical 2F, standard battery, charger (EURO - plug), decontaminable belt, flow indicator 51 00 00LA\* Powered air purifying respirator CA Chemical 2F, standard battery, charger (EURO - plug), comfort leather belt, flow indicator

<sup>\*</sup> for ordering variation with UK plug please add "U" at the end of the product code; for AUS plug please add "-AUS" at the end of the product code

Spare parts	and accessories					
51 00 10	Standard battery Li-Ion 14,4 V / 2,6 Ah					
51 00 20	Heavy Duty battery Li-lon 14,4 V / 5,2 Ah					
71 00 92	Comfort padded belt					
72 00 92	Comfort leather belt					
51 00 11	Primary Li-Ion battery, non-rechargeable					
51 00 15.1	Power adaptor 230 V / 24 V for the main socket					
51 00 15.2	Power adaptor 12 V -24 V – car power socket					
51 00 51	Decontaminable belt PVC - 2F/3F					
51 00 52	Decontaminable harness PVC - 2F					
52 00 44.1	Comfort padded harness					
71 00 60	Light flexi hose QuickLOCK™ - CA40x1/7"					
71 00 86	Rubber hose QuickLOCK™ – CA40×1/7"					
71 00 62F	Hose cover flameproof					
70 00 62C	Hose cover chemical resistant					
51 00 30EUR	Charger Li-Ion 14,4 V - EURO					
51 00 30UK	Charger Li-Ion 14,4 V - UK					
51 00 30AUS	Charger Li-Ion 14,4 V - AUS					
51 00 46	Set of plugs (2x external thread, 1x internal thread) for decontamination of unit 2F					
52 01 01	TFT display protective foil					

# Technical features

Warning system - visual and audible warning for low airflow and low battery charge...

Flow control system - maintains level of airflow constant regardless filter clogging or battery charge.

Automatic closing system - reduces the risk of unwanted contamination of the unit while the filters are being changed

Allows immersion disinfection - with input and output threads plugs on (Sodium hypochloride or Persteril).

LED display - LED display visualises airflow, filter clogging and battery charge.

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# CleanAIR® Chemical 2F Plus

Powered air purifying respirator



Compatible headtops           70 4441 600         Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, sliver         TH3           70 4441 601         Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, black         TH3           70 4441 601         Welding helmet AerTEC™ RangeMAX Air incl. ADF with air distribution         TH3           70 4900 020         Grinding shield AerTEC™ SeeMAX including heed gear and air distribution         TH3           72 01 01         Short hood CA-I Lite         TH3           72 01 02         Long hood CA-I Lite         TH3           72 01 02B         Short protective hood CA-I, blue         TH3           72 01 102         Short protective hood CA-I, orange         TH3           72 01 102         Short protective hood CA-I, orange         TH3           72 01 102         Short protective hood CA-I, blue         TH3           72 01 102B         Long protective hood CA-I, blue         TH3           72 02 02B         Long protective hood CA-I, orange         TH3           72 10 02C         Chem-proof protective hood CA-ID, grey         TH3           72 10 02C         Chem-proof protective hood CA-ID, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shiel			
70         4441 601         Welding helmet AerTEC™ DitoMAX Air Incl. ADF with air distribution         TH3           70         4441 660         Welding helmet AerTEC™ RangeMAX Air Incl. ADF with air distribution         TH3           70         4441 660         Welding shield AerTEC™ SeeMAX including head gear and air distribution         TH3           72         01 01         Short protective hood CA1 Life         TH3           72         01 02         Short protective hood CA1, orange         TH3           72         01 12         Short protective hood CA1, orange         TH3           72         01 12         Short protective hood CA1+, orange         TH3           72         01 128         Short protective hood CA1+, blue         TH3           72         01 128         Short protective hood CA1-0         TH3           72         02 02B         Long protective hood CA2, blue         TH3           72         02 02B         Long protective hood CA10, grey         TH3           72         10 02G         Chem-proof protective hood CA10, grey         TH3           72         03 00.01         Protective face shield UniMask, grey         TH3           72         03 00.02         Protective face shield UniMask, prange         TH3           72         03 0	Compatible	headtops	
70 4441 660 Welding helmet AerTEC™ RangeMAX Air incl. ADF with air distribution TH3 70 4900 020 Grinding shield AerTEC™ SeeMAX including head gear and air distribution TH3 72 01 01 Short hood CA1 Lite TH3 72 01 02 Long hood CA1 Lite TH3 72 01 02 Short protective hood CA1, blue TH3 72 01 02 Short protective hood CA1, orange TH3 72 01 102 Short protective hood CA1, orange TH3 72 01 102 Short protective hood CA1, orange TH3 72 01 108 Short protective hood CA1, orange TH3 72 01 108 Short protective hood CA2, blue TH3 72 01 108 Short protective hood CA2, blue TH3 72 00 208 Long protective hood CA2, blue TH3 72 10 020 Long protective hood CA2, orange TH3 72 10 02 Chem-proof protective hood CA2, orange TH3 72 10 02 Chem-proof protective hood CA10 TH3 72 10 02 Chem-proof protective hood CA10, grey TH3 72 03 00.01 Protective face shield UniMask, grey TH3 72 03 00.01 Protective face shield UniMask, grey TH3 72 03 00.02 Protective face shield UniMask, orange TH3 72 03 00.03 Protective face shield UniMask, read TH3 72 03 00.04 Protective face shield UniMask, read TH3 70 03 00 Grinding shield CA3 (polycarbonate visor) TH2 71 03 00 Grinding shield CA3 (acetate visor) TH2 71 04 018 Safety helmet CA4 blue face seal TH2 71 04 010 Safety helmet CA4 owdict shield, ADF V913 DS TH3 70 30 01 Welding helmet CA40 weld, shield, ADF V913 DS TH3 70 30 01 Welding helmet CA40 Weld, shield, ADF V913 DS TH3 70 30 01 Welding helmet CleanAIR* Verus sir, incl. ADF S60F TH3 70 20 01 Welding helmet CA20 ADF V6-8/913 GDS TH3 70 20 01 Welding helmet CA20 ADF V6-8/913 GDS TH3 70 20 01 Welding helmet CA20 ADF V6-8/913 GDS TH2 71 05 00 Half mask CA5 Eurmask DIN TM3	70 4441 600	Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, silver	TH3
70 4900 020         Grinding shield AerTEC™ SeeMAX including head gear and air distribution         TH3           72 01 01         Short hood CA-I Life         TH8           72 01 02B         Short protective hood CA-I, blue         TH3           72 01 02B         Short protective hood CA-I, orange         TH3           72 01 02         Short protective hood CA-I, orange         TH3           72 01 12B         Short protective hood CA-I, blue         TH3           72 02 02B         Long protective hood CA-2, blue         TH3           72 10 02         Chorn protective hood CA-2, orange         TH3           72 10 02         Chem-proof protective hood CA-10         TH3           72 10 02C         Chem-proof protective hood CA-10, grey         TH8           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, gray         TH3           72 03 00.03         Protective face shield UniMask, red         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           71 03 00         Protective face shield UniMask, reparene         TH3           71 03 01         Grinding shield CA-3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet Ca-40 flue face seal         <	70 4441 601	Welding helmet AerTEC™ OptoMAX Air incl. ADF with air distribution, black	TH3
72 01 01         Short hood CA1 Life         TH3           72 02 01         Long hood CA1 Life         TH3           72 01 02B         Short protective hood CA1, plue         TH3           72 01 02         Short protective hood CA1, orange         TH3           72 01 12         Short protective hood CA1, orange         TH3           72 01 12B         Short protective hood CA1, blue         TH3           72 01 12B         Short protective hood CA2, blue         TH3           72 02 02B         Long protective hood CA2, orange         TH3           72 02 02         Long protective hood CA2, orange         TH3           72 10 02C         Chem-proof protective hood CA10         TH3           72 10 02C         Chem-proof protective hood CA10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, orange         TH3           72 03 00.03         Protective face shield UniMask, reange         TH3           72 03 00.04         Protective face shield UniMask, reoprene         TH3           70 31 00         Protective face shield UniMask, reoprene         TH3           71 03 01         Grinding shield CA3 (polycarbonate visor)         TH2           71 04 01B	70 4441 660	Welding helmet AerTEC™ RangeMAX Air incl. ADF with air distribution	TH3
72 02 01         Long hood CA-1 Litle         TH3           72 01 02B         Short protective hood CA-1, blue         TH3           72 01 02         Short protective hood CA-1, orange         TH3           72 01 12         Short protective hood CA-1, blue         TH3           72 01 12B         Short protective hood CA-1, blue         TH3           72 02 02B         Long protective hood CA-2, blue         TH3           72 02 02         Long protective hood CA-2, orange         TH3           72 10 02C         Chem-proof protective hood CA-10         TH3           72 10 02G         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, blue         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           70 31 00         Protective face shield UniMask, neoprene         TH3           71 03 00 08         Protective face shield UniMask, neoprene         TH3           71 04 01B         Safety helmet CA-3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet CA-40 Sucarbonate visor)         TH2 <tr< td=""><td>70 4900 020</td><td>Grinding shield AerTEC™ SeeMAX including head gear and air distribution</td><td>TH3</td></tr<>	70 4900 020	Grinding shield AerTEC™ SeeMAX including head gear and air distribution	TH3
72 01 02B         Short protective hood CA1, blue         TH3           72 01 02         Short protective hood CA1, orange         TH3           72 01 12         Short protective hood CA1+, orange         TH3           72 01 12B         Short protective hood CA2+, blue         TH3           72 02 02B         Long protective hood CA2, blue         TH3           72 02 02         Long protective hood CA2, orange         TH3           72 10 02         Chem-proof protective hood CA10         TH8           72 10 02G         Chem-proof protective hood CA10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, orange         TH3           72 03 00.03         Protective face shield UniMask, red         TH3           72 03 00.04         Protective face shield UniMask, neaprene         TH3           70 31 00         Protective faceshield Omnira air         TH3           71 03 01         Grinding shield CA3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet CA4 blue face seal         TH2           71 04 03*         Safety helmet CA4 additional flip-up visor, earmuffs         TH3           70 40 01         Safety helmet CA40 weld, shield, ADF V913 DS         TH3 <td>72 01 01</td> <td>Short hood CA-1 Lite</td> <td>TH3</td>	72 01 01	Short hood CA-1 Lite	TH3
72 01 02         Short protective hood CA-1, orange         TH3           72 01 12         Short protective hood CA-1+, orange         TH3           72 01 12B         Short protective hood CA-1+, blue         TH3           72 02 02B         Long protective hood CA-2, blue         TH3           72 02 02         Long protective hood CA-10, orange         TH3           72 10 02         Chem-proof protective hood CA-10         TH3           72 10 026         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, orange         TH3           72 03 00.03         Protective face shield UniMask, read         TH3           72 03 00.04         Protective face shield UniMask, neoprene         TH3           70 31 00         Protective faceshield Omnira air         TH3           71 03 01         Grinding shield CA-3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 03*         Safety helmet CA-4 blue face seal         TH2           70 40 01         Safety helmet CA-40 weld, shield, ADF V9-13 DS         TH3           70 42 01         Safety helmet CA-40 Weld, shield, ADF V9-13 DS <td< td=""><td>72 02 01</td><td>Long hood CA-1 Lite</td><td>TH3</td></td<>	72 02 01	Long hood CA-1 Lite	TH3
72 01 12         Short protective hood CA-1+, orange         TH3           72 01 12B         Short protective hood CA-2, blue         TH3           72 02 02B         Long protective hood CA-2, orange         TH3           72 02 02         Long protective hood CA-10         TH3           72 10 02G         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, blue         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           72 03 00.08         Protective face shield UniMask, neaprene         TH3           70 31 0.0         Protective face shield UniMask, neaprene         TH3           71 03 01         Grinding shield CA-3 (polycarbonate visor)         TH2           71 03 01         Grinding shield CA-3 (acetate visor)         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 01C         Safety helmet CA-40 grinding shield         TH3           70 40 01         Safety helmet CA-40 grinding shield         TH3           70 42 01         Safety helmet CA-40 grinding shield         TH3	72 01 02B	Short protective hood CA-1, blue	TH3
72 01 12B         Short protective hood CA-1+, blue         TH3           72 02 02B         Long protective hood CA-2, blue         TH3           72 02 02         Long protective hood CA-10         TH3           72 10 02         Chem-proof protective hood CA-10, grey         TH3           72 10 02G         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, blue         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           72 03 00.08         Protective face shield UniMask, red         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           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 03*         Safety helmet CA-40 weld. shield, ADF V9-13 DS         TH3           70 40 01         Safety helmet CA-40 weld. shield, ADF V9-13 DS         TH3           70 42 01         Safety helmet CA-40 weld minimal shield	72 01 02	Short protective hood CA-1, orange	TH3
72 02 02B         Long protective hood CA-2, blue         TH3           72 02 02         Long protective hood CA-2, orange         TH3           72 10 02         Chem-proof protective hood CA-10         TH3           72 10 02G         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, orange         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, neoprene         TH3           70 31 00         Protective faceshield Omnira air         TH3           71 03 00         Grinding shield CA-3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 01B         Safety helmet CA-4 additional flip-up visor, earmuffs         TH2           71 04 03*         Safety helmet CA-40 weld. shield, ADF V9-13 DS         TH3           70 40 01         Safety helmet CA-400W grinding shield         TH3           70 30 01         Welding helmet CA-400W grinding shield, ADF V9-13 DS         TH3           70 30 01         Welding helmet CA-20 ADF V9-13 DS         TH3           70 20 70         Welding helmet CA-20 A	72 01 12	Short protective hood CA-1+, orange	TH3
72 02 02         Long protective hood CA-2, orange         TH3           72 10 02         Chem-proof protective hood CA-10         TH3           72 10 026         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, blue         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           72 03 00.08         Protective face shield UniMask, neoprene         TH3           70 31 00         Protective faceshield Omnira air         TH3           71 03 01         Grinding shield CA-3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           70 40 01         Safety helmet CA-4 additonal flip-up visor, earmuffs         TH3           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 30 01         Welding helmet CleanAIR® Verus air, incl. ADF S60+         TH3           70 32 01         Welding helmet CA-20 AD	72 01 12B	Short protective hood CA-1+, blue	TH3
72 10 02         Chem-proof protective hood CA-10         TH3           72 10 02G         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, blue         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           72 03 00.08         Protective face shield UniMask, neoprene         TH3           70 31 00         Protective faceshield Omnira air         TH3           71 03 01         Grinding shield CA-3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 01B         Safety helmet CA-4 additonal flip-up visor, earmuffs         TH2           70 40 01         Safety helmet CA-4 weld. shield, ADF V9-13 DS         TH3           70 41 00         Safety helmet CA-40G grinding shield         TH3           70 42 01         Safety helmet CA-40G grinding shield         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 20 70 <t< td=""><td>72 02 02B</td><td>Long protective hood CA-2, blue</td><td>TH3</td></t<>	72 02 02B	Long protective hood CA-2, blue	TH3
72 10 02G         Chem-proof protective hood CA-10, grey         TH3           72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, blue         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           72 03 00.08         Protective face shield UniMask, neoprene         TH3           70 31 00         Protective faceshield Omnira air         TH3           71 03 01         Grinding shield CA-3 (polycarbonate visor)         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 03*         Safety helmet CA-4 additional flip-up visor, earmuffs         TH2           70 40 01         Safety helmet CA-40 weld, shield, ADF V9-13 DS         TH3           70 41 00         Safety helmet CA-40Gg grinding shield         TH3           70 42 01         Safety helmet CA-40Gg grinding shield         TH3           70 30 01         Welding helmet CleanAlR* Verus air, incl. ADF S60+         TH3           70 32 01         Welding helmet CleanAlR Omnira COMBI air, incl. ADF S60F         TH3           70 20 70	72 02 02	Long protective hood CA-2, orange	TH3
72 03 00.01         Protective face shield UniMask, grey         TH3           72 03 00.02         Protective face shield UniMask, blue         TH3           72 03 00.03         Protective face shield UniMask, orange         TH3           72 03 00.04         Protective face shield UniMask, red         TH3           72 03 00.08         Protective face shield UniMask, neoprene         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           71 04 01B         Safety helmet CA-4 blue face seal         TH2           71 04 03*         Safety helmet CA-4 additonal flip-up visor, earmuffs         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 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 20 70         Welding helmet CA-20 ADF V9-13 DS         TH3           70 29 01 </td <td>72 10 02</td> <td>Chem-proof protective hood CA-10</td> <td>TH3</td>	72 10 02	Chem-proof protective hood CA-10	TH3
72 03 00.02       Protective face shield UniMask, blue       TH3         72 03 00.03       Protective face shield UniMask, orange       TH3         72 03 00.04       Protective face shield UniMask, red       TH3         72 03 00.08       Protective face shield UniMask, neoprene       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         71 04 01B       Safety helmet CA-4 blue face seal       TH2         71 04 03*       Safety helmet CA-4 additonal flip-up visor, earmuffs       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 20 70       Welding helmet CA-20 ADF V9-13 DS       TH3         70 29 01       Welding helmet CA-20 ADF V6-8/9-13 GDS       TH3         70 29 01       Welding helmet CA-20 Evolve ADF V9-13 DS       TH2	72 10 02G	Chem-proof protective hood CA-10, grey	TH3
72 03 00.03       Protective face shield UniMask, orange       TH3         72 03 00.04       Protective face shield UniMask, red       TH3         72 03 00.08       Protective face shield UniMask, neoprene       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         71 04 01B       Safety helmet CA-4 blue face seal       TH2         71 04 03*       Safety helmet CA-4 additonal flip-up visor, earmuffs       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 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 29 01       Welding helmet CA-29 Evolve ADF V9·13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2	72 03 00.01	Protective face shield UniMask, grey	TH3
72 03 00.04       Protective face shield UniMask, red       TH3         72 03 00.08       Protective face shield UniMask, neoprene       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         71 04 01B       Safety helmet CA-4 blue face seal       TH2         71 04 03*       Safety helmet CA-4 additonal flip-up visor, earmuffs       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 20 70       Welding helmet CA-20 ADF V9-13 DS       TH3         70 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH3         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	72 03 00.02	Protective face shield UniMask, blue	TH3
72 03 00.08       Protective face shield UniMask, neoprene       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         71 04 01B       Safety helmet CA-4 blue face seal       TH2         71 04 03*       Safety helmet CA-4 additonal flip-up visor, earmuffs       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 20 70       Welding helmet CA-20 ADF V9-13 DS       TH3         70 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH3         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	72 03 00.03	Protective face shield UniMask, orange	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         71 04 01B       Safety helmet CA-4 blue face seal       TH2         71 04 03*       Safety helmet CA-4 additonal flip-up visor, earmuffs       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 20 70       Welding helmet CA-20 ADF V9-13 DS       TH3         70 29 01       Welding helmet CA-20 ADF V6-8/9-13 GDS       TH3         70 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	72 03 00.04	Protective face shield UniMask, red	TH3
71 03 00       Grinding shield CA-3 (polycarbonate visor)       TH2         71 03 01       Grinding shield CA-3 (acetate visor)       TH2         71 04 01B       Safety helmet CA-4 blue face seal       TH2         71 04 03*       Safety helmet CA-4 additonal flip-up visor, earmuffs       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 20 70       Welding helmet CA-20 ADF V9-13 DS       TH3         70 20 81       Welding helmet CA-29 Evolve ADF V9-13 DS       TH3         70 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	72 03 00.08	Protective face shield UniMask, neoprene	TH3
71 03 01       Grinding shield CA-3 (acetate visor)       TH2         71 04 01B       Safety helmet CA-4 blue face seal       TH2         71 04 03*       Safety helmet CA-4 additonal flip-up visor, earmuffs       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 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 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	70 31 00	Protective faceshield Omnira air	TH3
71 04 01B Safety helmet CA-4 blue face seal TH2 71 04 03* Safety helmet CA-4 additonal flip-up visor, earmuffs 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 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 29 01 Welding helmet CA-29 Evolve ADF V9-13 DS TH2 70 05 00 Half mask CA-5 Eurmask DIN TM2 71 06 00 Full face mask GX02, size (S, M, L)	71 03 00	Grinding shield CA-3 (polycarbonate visor)	TH2
71 04 03* Safety helmet CA-4 additonal flip-up visor, earmuffs  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 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 29 01 Welding helmet CA-29 Evolve ADF V9-13 DS  TH2  70 05 00 Half mask CA-5 Eurmask DIN  TM2  TM3	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 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 29 01       Welding helmet CA-29 Evolve ADF V9:13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	71 04 01B	Safety helmet CA-4 blue face seal	TH2
70 41 00 Safety helmet CA-40G grinding shield 70 42 01 Safety helmet CA-40GW grinding + welding shield, ADF V9-13 DS 70 30 01 Welding helmet CleanAIR® Verus air, incl. ADF S60+ 70 32 01 Welding helmet CleanAIR Omnira COMBI air, incl. ADF S60F 70 20 70 Welding helmet CA-20 ADF V9-13 DS 70 20 81 Welding helmet CA-20 ADF V6-8/9-13 GDS 70 29 01 Welding helmet CA-29 Evolve ADF V9-13 DS 70 05 00 Half mask CA-5 Eurmask DIN 71 06 00 Full face mask GX02, size (S, M, L) 71 71 71 72 TM3	71 04 03*	Safety helmet CA-4 additonal flip-up visor, earmuffs	TH2
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 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 29 01 Welding helmet CA-29 Evolve ADF V9-13 DS  TH2  70 05 00 Half mask CA-5 Eurmask DIN  TM2  71 06 00 Full face mask GX02, size (S, M, L)  TM3	70 40 01	Safety helmet CA-40 weld. 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 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 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	70 41 00	Safety helmet CA-40G grinding shield	TH3
70 32 01       Welding helmet CleanAIR Omnira COMBI air, incl. ADF S60F       TH3         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 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	70 42 01	Safety helmet CA-40GW grinding + welding shield, ADF V9-13 DS	TH3
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 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	70 30 01	Welding helmet CleanAIR® Verus air, incl. ADF S60+	TH3
70 20 81       Welding helmet CA-20 ADF V6-8/9-13 GDS       TH3         70 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	70 32 01	Welding helmet CleanAIR Omnira COMBI air, incl. ADF S60F	TH3
70 29 01       Welding helmet CA-29 Evolve ADF V9-13 DS       TH2         70 05 00       Half mask CA-5 Eurmask DIN       TM2         71 06 00       Full face mask GX02, size (S, M, L)       TM3	70 20 70	Welding helmet CA-20 ADF V9-13 DS	TH3
70 05 00         Half mask CA-5 Eurmask DIN         TM2           71 06 00         Full face mask GX02, size (S, M, L)         TM3	70 20 81	Welding helmet CA-20 ADF V6-8/9-13 GDS	TH3
71 06 00 Full face mask GX02, size (S, M, L) TM3	70 29 01	Welding helmet CA-29 Evolve ADF V9-13 DS	TH2
	70 05 00	Half mask CA-5 Eurmask DIN	TM2
72 06 00 Full face mask CF02, size (M, L) TM3	71 06 00	Full face mask GX02, size (S, M, L)	TM3
	72 06 00	Full face mask CF02, size (M, L)	TM3

 $<sup>^{\</sup>star}$  for ordering blue face seal please add  $\mbox{\tiny "B"}$  at the end of the product code

## Disclaimer Notice

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications. CleanAIR® products are not designed for, and may not be used in, all applications.

# CleanAIR® Chemical 2F Plus

Powered air purifying respirator



Compatible filters															
Product code:	Product name	P-white	A-brown	AX-brown	B-grey	E-yellow	K-green	Hg-red	Ozone (10 ppm)	EN 14387	EN 143	EN 12941	EN 12942	EN 148-1 [RD40x1/7"]	Note:
	s, thread RD40*1/7"						ı								
50 03 57	A1P3	~	~									~	~	~	-
50 01 57	A2P3	1	V							<b>~</b>		V	<b>V</b>	V	-
50 01 70	A3AXP3	<b>V</b>	~	<b>V</b>								~	~		-
50 01 62	B2P3	~			~				<b>V</b>	~		~	~	~	-
50 01 60	K2P3	~					~		~	~		~	~	~	-
50 01 67	A2B2P3	~	~		1				<b>V</b>	~		~	~	~	-
50 01 64	A2B2E2P3	~	~		1	V			<b>~</b>	~		~	~	~	-
50 03 64	A1B1E1P3	~	~		1	1						1	1	~	-
50 01 68	A2B2E2K2P3	~	1		1	1	1		1	~		~	~	~	-
50 01 65X	NBC - A2B2E2K2P3	1	1		1	1	1			1		1	1	V	NBC filter
50 01 66	A2B2E2K2HgP3	~	1		~	~	~	~	~	~		~	~	~	max. 50 hours
50 02 57	A2P - ZERO	~	1							~		~	~	~	two-thread filter
50 02 66	A2B2E2K2HgP - ZERO	~	1		1	~	~	1	1	~		1	1	~	two-thread filter
50 02 68	A2B2E2K2P - ZERO	~	1		1	~	1		1	1		1	<b>~</b>	<b>V</b>	two-thread filter
Particle filters, t	thread RD40*1/7"														
50 00 48	P3	~									1	~	~	~	-
50 02 49	ZERO	~									<b>V</b>	1	✓	~	two-thread filter
50 40 48	P3 lite	~									1	1	<b>V</b>	~	-
50 42 49	ZERO lite	1									1	1	✓	<b>V</b>	two-thread filter

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