CleanAIR®

work hard . breathe easy

Catalogue 2025

Welding and manufacturing • Chemical • Asbestos

ENG

Ver 1.1

Content

ABOUT US

The company **MALINA – Safety s.r.o.** specialises in the design, development and production of the complete range of personal respiratory protection systems CleanAIR®. Our products are designed with emphasis on the user's safety and comfort and are fully approved according to the relevant standards. Personal respiratory protection systems CleanAIR® are exported to more than 40 countries worldwide and represent a significant part of the respiratory protection market.

The long-term experience in the health and safety sector (since 1993) together with our own research and development team guarantee our ability to offer innovative and unique solutions even for special applications. The high quality of our products is ensured by our own production facilities located in the Czech Republic and process management meeting standards ISO 9001 and AQAP 2110.

Our powered air purifying respirators for personal protection offer a solution to the environments with diverse demands on the level of respiratory protection and are widely used in the manufacturing, chemical, pharmaceutical, food processing industry and agriculture.

THE IMPORTANCE OF RESPIRATORY PROTECTION IN OCCUPATIONAL SAFETY

The risk of respiratory illnesses and a potential impact on human health is an important problem in the workplace that should be taken into consideration by both employees and employers. If human lungs are exposed to the high concentrations of dust, smoke, welding fumes, aerosols or toxic gases or vapours, their capacity can be decreased or they can be damaged. Some particularly dangerous substances can cause severe harm to other human organs. This risk can be effectively prevented with the use of personal respiratory protection equipment.

CleanAIR® – POWERED AIR PURIFYING RESPIRATORY SYSTEMS

CleanAIR® is a complete system of personal respiratory protection based on the principle of overpressure of the filtered air in the breathing zone. The system consists of a powered air respirator which is installed on the wearer's belt and filtrates the air taken from the surrounding environment through the efficient particle, gas or combined filters. The purified air is delivered through the breathing tube into a protective mask or hood. The overpressure inside the system prevents the hazardous substances from entering the breathing zone. This mild overpressure at the same time ensures the wearer's comfort, even with long-term use, as the wearer is not forced to overcome the breathing resistance of the filter.

HOW TO SELECT PROPER RESPIRATORY PROTECTIVE EQUIPMENT (RPE)?

(based on knowledge of Nominal Protection Factor)

1. You need to know the concentration of the hazardous substance in a workplace

2. You need to know assigned Workplace Exposure Limit (WEL)

The list of the most typical contaminants and relevant WEL´s can be found in our „Filter Guide" where the information were taken from HSE publication EH40/2005 Workplace Exposure Limits, or you can source it from local authorities.

WEL´s are occupational exposure limits (concentrations) of a specific airborne substance averaged over a reference period, to which workers may be exposed without experiencing significant adverse health effects. There are two reference periods for which the WELs may be set: 8-hour Time Weighted Average (TWA) and 15-minute Short Term Exposure Limit (STEL).

TWA (Time Weighted Average) – 8 hours (long term)

TWAs are set to help preventing health effects which require prolonged or accumulated exposure.

STEL (Short Term Exposure Limit) – 15 minutes (short term)

STELs are set to help prevents health effects which may be seen after short exposure (e.g. eye irritation that could occur after a few minutes) The absence of a substance from the list of WELs does not indicate that it is safe. For these substances, exposure should be controlled to a level to which nearly all the working population could be exposed, day after day at work, without any adverse effects on health.

3. You need to determine the needed minimum protection factor of RPE

For example: Powered air purifying respirator incorporating a hood classified as TH3 according to EN 12 941 has a maximum inward leakage of 0,2 %.

Therefore NPF = 100 (%) : 0,2 (%)= 500.

EXAMPLE:

CONTAMINANT	ACETIC ANHYDRIDE (gas protection needed)
Concentration at the workplace	100 mg / m³
WEL	2,5 mg / m³

$$\text{Minimum protection factor} \ = \frac{\text{Concentration at the workplace}}{\text{WEL}} = \frac{100}{2,5} = 40$$

NOMINAL PROTECTION FACTOR (NPF)

Theoretical level of protection of Respiratory Protective Equipment calculated using performance data measured in the laboratory. It indicates the mathematically calculated maximum breathing protection performance. Calculated by dividing 100 by the total value of maximum inward leakage as specified in the relevant standard.

Nominal protection factors (NPF) and assigned protection factors in different countries

DESCRIPTION / DEVICE	CLASS	NPF	ASSIGNED PROTECTION FACTORS (USED IN SOME COUNTRIES)				
			FIN	D	I	S	UK
PAPR with helmet or hood EN 12941	TH1	10	5	5	5	5	5
	TH2	50	20	20	20	20	20
	TH3	500	200	100	200	200	40
PAPR with half or full face mask EN 12942	TM1	20	10	10	10	10	10
	TM2	200	100	100	100	100	20
	TM3	2000	1000	500	400	1000	40
Continuous flow compressed airline breathing apparatus EN 14594	1A/1B	10	-	-	-	-	-
	2A/2B	50	-	-	-	-	-
	3A/3B	200	-	-	-	-	-
	4A/4B	2000	-	-	-	-	-

WHAT IS THE MAXIMUM CONCENTRATION OF THE CONTAMINANT FOR WHICH I CAN USE RESPIRATORY PROTECTION?

You can determine the maximum permissible concentration by multiplying the nominal protection factor (as found in the NPF table) by the Workplace Exposure Limit.

CAUTION!

In the case where the contaminants are present in both particle and gas form, the necessary NPF must be established for each one separately and the higher protection factor must be applied.

LEADING THE WAY
in Respiratory Protection in 2023

CleanAIR® has been committed to providing the highest quality respiratory protection across industries since 1993.

Our success is built upon the philosophy of continuous development and ongoing efforts to enhance our existing products.

Also in 2023, we are excited to introduce several new products and innovations, providing maximum safety and comfort.

NEW IN PORTFOLIO

News are marked with this symbol

VARICAP READY

Art. No. 403201   Art. No. 403001

Art. No. 720030

NEW WELDING HELMETS

We are expanding our range of air-fed welding helmets with Omnira and Verus, offering options without air distribution *...for more details see pages 12 and 19*.

VARICAP – NEW BUMP CAP

Upgrade your safety gear with CleanAIR VariCap – the perfect bump cap that perfectly fits our light hoods and welding portfolio, including Verus, Omnira Combi, and Omnira *...for more details see page 94*.

NEW COMFORT HARNESS AND ABEK1P FILTER FOR CA AERGO

Art. No. 300093

Art. No. 300368

Enhance your AerGO experience by using the Comfort Back Harness.

We're expanding the range of AerGO combined filters to include A1B1E1K1P R SL

...for more details see page 60 – 61.

SUNFIBRE® ACTIVE LIGHTING

Art. No. 710050

Don't compromise on safety – equip your workforce with SUNFIBRE® attaching seamlessly to their back harness carrying the PAPR system, while powered by a convenient power bank

...for more details see page 95.

UNIMASK PORTFOLIO UPGRADE

Art. No. 720345

Art. No. 729100

CleanAIR UniMask, state-of-art face shield, now features a new 5-point head harness, ensuring an even more secure fit regardless of head size or shape. With a wide range of accessories including various types of visors, face seals, and protective covers, the UniMask establishes itself as the true leader in its class *...for more details see page 36 – 39*.

Art. No. 720360
Art. No. 720361

CLEANAIR® REMOTE DISPLAY DEVICE (RDD)

Art. No. 510025

Stay informed effortlessly with our reliable RDD. It seamlessly relays crucial PAPR information right into your view and alerts you to any alarms. No manual settings required – it's all automatic! *...for more details see page 57*.

ONE SOLUTION FOR MANY NEEDS

Auto-darkening welding helmet with flip-up welding shield and built-in air distribution system makes this welding helmet very suitable

for most of welding and grinding jobs in the most demanding environments.

The flip-up front can be easily lifted up whenever the wide undisturbed view is needed. The clear visor features superior optical quality, high mechanical resistance and anti-fog coating.

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

F   FEATURES AND BENEFITS

- The highest respiratory protection and more comfort thanks to an advanced built-in air distribution system
- Multiple protection – eye, face and respiratory at once
- Easily removable welding visor for extended non-welding jobs
- Newly designed head suspension allows multiple individual settings
- Fast and easy replacement of all spare parts
- True colour ADF with the highest optical quality 1/1/1/1
- Extended shade range
    · 5–8 for Oxy and Plasma cutting
    · 9–14 for welding
- Four sensors for stable arc detection
- Outer grinding mode control
- Smart power control – auto ON, auto OFF

A   AREAS OF APPLICATION

Professional flip-up welding helmet suitable for most of welding processes such as MIG/MAG, SMAW, TIG, Plasma Arc welding and cutting, Carbon Arc gouging, gas welding and cutting. Thanks to the large clear visor it is very convenient for grinding.

T   TECHNICAL DATA

Parameters	Specification
Weight	1017 g
ADF dimension	110 × 90 × 7 mm
Viewing area	98 × 62 mm
Shade range	3 / 5–8 / 9–14
Hose connection	QuickLOCK™
Certification	EN 175 B, EN166 1 FT B K N EN 379 1/1/1/1 EN 12941 TH3 (NPF 500) EN 14594 3B (NPF 200)

P   PRODUCT VARIANTS

Product description	Art. No.
Welding helmet CleanAIR® Omnira COMBI air, incl. ADF S60F	703201
Ready 2 Weld - CleanAIR® AerGO® & Omnira COMBI air	303201
Ready 2 Weld - CleanAIR® Basic & Omnira COMBI air	813201
Ready 2 Work - CleanAIR® AerGO® & Omnira air	303100
Ready 2 Work - CleanAIR® Basic & Omnira air	813100

1 TRUE COLOUR

True colour technology for increased colour perception and excellent clarity of vision at all time.

2 EXTEND YOUR PROTECTION

available accessories*

Product description	Art. No.
Protective head cover, flame retardant	703071
Protective neck cover, flame retardant	703072
Protective head&neck cover, flame retardant	703073
Protective head cover, leather	703074*
Protective neck cover, leather	703075*

* comes standard with CleanAIR® Omnira COMBI air

3 EXPAND YOUR PERSPECTIVE

Stay protected
The flip-up system allows you to switch between welding and grinding without compromising respiratory protection.

Lift up
The flip-up front can be lifted up whenever the wide undisturbed view is needed.

Be versatile
For extended non-welding jobs, simply remove the welding visor completely with one click.

ADJUSTABLE AIR FLOW

VariGEAR

For more individual comfort you can regulate the airflow in two zones

Zone 1 – Control knob accessible from outside the helmet controls the direction of the air coming from the lower part of the airduct.

Zone 2 – The two other outputs are located in the upper part of the helmet. The intensity of the airstream can be regulated by the two sliders inside the helmet.

1 Fits all head shapes

Newly designed head suspension allows multiple individual settings.

2 Soft paddings

The soft padding sits gently on the top of the head and ensures better weight distribution and a perfect fit.

3 Comfortable headgear

The crown part of the headgear is vertically adjustable to fit all head shapes and sizes.

4 Quick replacement

Easy replacement of the headgear just by sliding it out of the holder.

5 Customizable

Easy adjustment of the distance between the face of the welder and the visor. Keep the visor as close as possible to your eyes for a wider view and minimum neck strain.

6 Comfort for your head

The soft padding of the back part of the headgear swivels to fit different head shapes.

7 Precise fit

The smooth ratchet mechanism allows precise adjustment of the head circumference and a secure fit.

Omnira COMBI

NEW IN PORTFOLIO

VARICAP READY

ONE SOLUTION FOR MANY NEEDS

The Omnira COMBI welding helmet redefines welding experiences. It incorporates a flip-up front, enabling quick lifting of the welding shield to achieve an unobstructed and expansive field of vision without the need to raise the entire helmet. The helmet features a clear visor engineered to deliver exceptional optical quality, high mechanical resistance, and an anti-fog coating.

Equipped with a True-Colour ADF that offers superb clarity of vision, an enlarged viewing area, and an extended shade range, the Omnira COMBI welding helmet excels in enhancing visibility during welding tasks. With a strong emphasis on ergonomics, this helmet provides adjustable settings to ensure a comfortable fit, even during extended welding sessions.

F   FEATURES AND BENEFITS

- Easily removable welding visor for extended non-welding jobs
- Newly designed head suspension allows multiple individual settings
- Fast and easy replacement of all spare parts
- True colour ADF with the highest optical quality 1/1/1/1
- Extended shade range
   5–8 for Oxy and Plasma cutting
   9–14 for welding
- Four sensors for stable arc detection
- Outer grinding mode control
- Smart power control – auto ON, auto OFF

A   AREAS OF APPLICATION

Professional flip-up welding helmet suitable for most of welding processes such as MIG/MAG, SMAW, TIG, Plasma Arc welding and cutting, Carbon Arc gouging, gas welding and cutting. Thanks to the large clear visor it is very convenient for grinding.

T   TECHNICAL DATA

Parameters	Specification
Weight	1017 g
ADF dimension	110 × 90 × 7 mm
Viewing area	98 × 62 mm
Shade range	3 / 5–8 / 9–14
Certification	EN 175 B, EN166 1 FT B K N
	EN 379 1/1/1/1

P   PRODUCT VARIANTS

Product description	Art. No.
Welding helmet CleanAIR Omnira COMBI, incl. ADF S60F 5-8/9-14, w/o air distrib.	403201
Protective faceshield Omnira, incl. headgear, w/o air distribution	403100

CleanAIR®

Verus air

VARICAP READY

TOP PROTECTION FOR EVERY WELDER

Auto-darkening welding helmet with an advanced air distribution system for increased user´s comfort and respiratory protection without compromise.

True colour ADF with enlarged viewing area and extended shade range makes the helmet suitable for most of welding jobs.

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

F FEATURES AND BENEFITS

- The highest respiratory protection and more comfort thanks to an advanced built-in air distribution system
- Newly designed head suspension allows multiple individual settings
- True colour ADF with the highest optical quality 1/1/1/1
- Extended shade range
  - · 5-8 for Oxy and Plasma cutting
  - · 9-14 for welding
- Four sensors for stable arc detection
- Smart power control – auto ON, auto OFF
- Magnifying lens can be easily attached to the ADF
- Outer grinding mode control
- Fast and easy replacement of all spare parts

A AREAS OF APPLICATION

Suitable for most of welding processes such as MIG/MAG, SMAW, TIG, Plasma Arc welding and cutting, Carbon Arc gouging, gas welding and cutting. Not suitable for laser welding.

T TECHNICAL DATA

Parameters	Specification
Weight	793 g
ADF dimension	110 × 90 × 7 mm
Viewing area	98 × 62 mm
Shade range	3 / 5–8 / 9–14
Hose connection	QuickLOCK™
Certification	EN 175 B, EN 379 1/1/1/1
	EN 12941 TH3 (NPF 500)
	EN 14594 3B (NPF 200)

P PRODUCT VARIANTS

Product description	Art. No.
Welding helmet CleanAIR® Verus air, incl. ADF S60+	703001
Ready 2 Weld - CleanAIR® AerGO® & Verus air	303001
Ready 2 Weld - CleanAIR® Basic & Verus air	813001

1 TRUE COLOUR

True colour technology for increased colour perception and excellent clarity of vision at all time.

2 EXTEND YOUR PROTECTION

Product description	Art. No.
Protective head cover, flame retardant	703071
Protective neck cover, flame retardant	703072
Protective head&neck cover, flame retardant	703073
Protective head cover, leather	703074*
Protective neck cover, leather	703075*

* comes standard with CleanAIR® Verus air

3 ADJUSTABLE AIR FLOW

For more individual comfort you can regulate the airflow in two zones

Zone 1 – control lever, accessible from outside the helmet, controls the direction of the air coming from the lower part of the airduct.

Zone 2 – control knob, accessible from outside the helmet, controls the air coming from the upper part of the airduct.

Zone 3 – the two sliders on the inside of the helmet control the intensity of the airflow coming either towards welder's mouth or from the sides.

4 Verus air

1 Lightweight and durable

Lightweight and durable shell, meets the requirements of EN 175 B and thus ensuring protection against high speed particles.

2 Air distribution

An advanced built-in air distribution system.

3 Easy switch

Grinding mode control.

4 Fully adjustable

Outer control of the direction and intensity of the air in the helmet.

5 Tilt angle control

The tilt adjustment knob is easily accessible from the outside of the helmet.

5 VariGEAR

1 Quick replacement

Easy replacement of the headgear just by sliding it out of the holder.

2 Comfortable headgear

The crown part of the headgear is vertically adjustable to fit all head shapes and sizes.

3 Fits all head shapes

Newly designed head suspension allows multiple individual settings.

4 Customizable

Easy adjustment of the distance between the face of the welder and ADF. Keep the helmet as close as possible to your eyes for a wider view and minimum neck strain.

5 Precise fit

The smooth ratchet mechanism allows precise adjustment of the head circumference and a secure fit.

6 Soft paddings

The soft padding sits gently on the top of the head and ensures better weight distribution and a perfect fit.

CleanAIR®

Verus

NEW IN PORTFOLIO

VARICAP READY

TOP PROTECTION FOR EVERY WELDER

The ultimate auto-darkening welding helmet for efficient welding experiences. Equipped with True-Colour ADF, featuring superb clarity of vision, an enlarged viewing area, and an extended shade range. Engineered with closable air vents, it prevents heat build-up and fogging. With its ergonomic design and adjustable features, Verus offers a comfortable fit for all your welding projects

F   FEATURES AND BENEFITS

- Newly designed head suspension allows multiple individual settings
- True colour ADF with the highest optical quality 1/1/1/1
- Extended shade range

    5-8 for Oxy and Plasma cutting

    9-14 for welding
- Four sensors for stable arc detection
- Smart power control – auto ON, auto OFF
- Magnifying lens can be easily attached to the ADF
- Outer grinding mode control
- Fast and easy replacement of all spare parts

A   AREAS OF APPLICATION

Suitable for most of welding processes such as MIG/MAG, SMAW, TIG, Plasma Arc welding and cutting, Carbon Arc gouging, gas welding and cutting. Not suitable for laser welding

T   TECHNICAL DATA

Parameters	Specification
Weight	793 g
ADF dimension	110 × 90 × 7 mm
Viewing area	98 × 62 mm
Shade range	3 / 5–8 / 9–14
Certification	EN 175 B, EN 379 1/1/1/1

P   PRODUCT VARIANTS

Product description	Art. No.
Welding helmet CleanAIR Verus, incl. ADF 5-8/9-14 and headgear, w/o air distribution	403001

CleanAIR®

OptoMAX

PERFECT VIEW DURING WELDING THANKS TO ADF TECHNOLOGY FROM OPTREL

Fully automated shade level adjustment for any welding procedure in the 5-13 range. Natural-colour view in the entire protection range and ultra-HD quality in classes 1/1/1/1. In-built air distribution system delivers the air right into the breathing zone.

AerGO®

F FEATURES AND BENEFITS

- AUTOPILOT - fully automatic shade level adjustment (DIN 5–13)
- The manual mode features extended shade range
  (5–8 for Oxy and Plasma cutting and 9–13 for welding)
- Ultra-HD quality with natural colour view and classification 1/1/1/1
- TWILIGHT dimming function - gradual light restoration reducing eye fatigue
- Enlarged viewing area 50x100 mm
- Grind mode function
- In-built air distribution system
- The highest standard in respiratory protection – TH3

Basic

T TECHNICAL DATA

Parameters	Specification
Weight	740 g
ADF dimension	110 × 90 × 7 mm
Viewing area	100 × 50 mm
Shade range	4 / 5–13
Hose connection	QuickLOCK™
Certification	EN 175 B, EN 379 1/1/1/1 EN 12941 TH3 (NPF 500) EN 14594 3B (NPF 200)

Pressure Flow Master

A ARES OF APPLICATION

Professional welding helmet suitable for all welding methods SMAW, MIG/MAG, TIG and Plasma.

P PRODUCT VARIANTS

Product description	Art. No.
Welding helmet AerTEC™ OptoMAX Air incl. ADF, black	70.4441.601
Ready 2 Weld - CleanAIR® AerGO® & OptoMAX	30.4441.601
Ready 2 Weld - CleanAIR® Basic & OptoMAX	81.4441.601

Chemical 2F

Chemical 3F

CleanAIR®

SUMMIT air

Lightweight welding helmet with an advanced air distribution, enlarged viewing area and superior breathing protection for the price you can afford.

Aertec™ SUMMIT air is the right choice for most welding jobs for both professional and occasional welders.

F   FEATURES AND BENEFITS

- Lightweight yet durable
- High quality ADF with True Colour technology
- Enlarged viewing area
- Extended shade adjustment:
  - · 5–8 for Oxy and Plasma cutting
  - · 9–13 for welding
- Outer grinding mode control
- Fast and easy replacement of all spare parts

A   AREAS OF APPLICATION

Lightweight welding helmet suitable for most of welding processes such as MIG/MAG, SMAW, TIG, Plasma Arc welding and cutting, Carbon Arc gouging, gas welding and cutting. Not suitable for laser welding.

T   TECHNICAL DATA

Parameters	Specification
Weight	756 g
ADF dimension	110 × 90 mm
Shade range	3 / 5–8 / 9–13
Viewing area	98 × 62 mm
Hose connection	QuickLOCK™
Certification	EN 175 B, EN 379 (1/1/1/2)
	EN 12 941 TH3 (NPF 500)
	EN 14594 3B (NPF 200)

P   PRODUCT VARIANTS

Product description	Art. No.
Welding hood AerTEC SUMMIT air incl. headgear and ADF 5-8/9-13	703401

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

CleanAIR®

CA-27 Yoga

AerTEC™ YOGA represents a high-quality welding helmet for the price you can afford. The new concept uses a lightweight but durable welding shield in combination with high-quality auto-darkening filter AerTEC™ X100 or auto-darkening filter AerTEC™ X110 True Colour. This helmet is suitable for most of the welding methods including TIG, even with very low welding currents. In combination with powered air purifying respirators or airline systems CleanAIR® it provides an advanced level of protection against hazardous contaminants in very demanding welding environments.

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

F FEATURES AND BENEFITS

- Advantageous price/performance ratio
- High-quality auto-darkening filter – optical quality 1/1/1/2
- True Colour technology ADF as an option
- Lightweight and comfortable
- Enlarged viewing area 100 × 53 mm
- Continuously adjustable shade 5–8 / 9–13
- The wide range of adjustable sensor sensitivity
- Individual delay settings
- Grinding mode

A AREAS OF APPLICATION

Suitable for most of the welding methods including TIG, even with very low welding currents.

T TECHNICAL DATA

Parameters	Specification
Weight	650 g
ADF dimension	110 × 90 mm
Viewing area	100 × 53 mm
Shade range	4 / 5–8 / 9–13
Hose connection	QuickLOCK™
Certification	EN 175 B, EN 379 1/1/1/2 EN 12941 TH2 (NPF 50) EN 14594 2A/2B (NPF 50)

P PRODUCT VARIANTS

Product description	Art. No.
Welding helmet CA-27 YOGA, including air distribution and ADF AerTEC™ X100 4/9–13	702701
Welding helmet CA-27 YOGA, including air distribution and ADF AerTEC™ X110 True Colour 4/9–13	702701TC

CA-28 Euromaski

CA-28 Euromaski represents an ergonomic and lightweight solution for most of welding processes. Thanks to stable flip-up welding visor it provides an excellent protection for grinding, welding and subsequent cleaning operations. A wide curved protective visor ensures undisturbed view in all directions and meets medium impact requirements "B" as defined in EN 166. CA-28 Euromaski is designed for use with CleanAIR® PAPR units or CleanAIR® airline systems to protect respiratory tract, face and eyes against harmful ultraviolet/infrared radiation and welding spatters.

F   FEATURES AND BENEFITS

- Compact and durable design
- Lightweight, comfortable
- Combines welding and grinding protection
- Large curved visor for undisturbed view
- Easily exchangeable spare parts
- Comfortable and easily adjustable headband
- Wide range of different shade visors (clear, smoky, shade 1,7; 3,0 and 5,0)

A   AREAS OF APPLICATION

Suitable for most of welding methods and subsequent cleaning and grinding operations.

T   TECHNICAL DATA

Parameters	Specification
Weight	560 g
Hose connection	QuickLOCK™
Certification	EN 175 B, EN 166 B EN 12941 TH2 (NPF 50) EN 14594 2A/2B (NPF 50)

P   PRODUCT VARIANTS

Product description	Art. No.
Welding hood CA-28 Euromaski, shade 1,7 + 8, incl. air distribution	702800
Welding hood CA-28 Euromaski, shade 1,7 + 10, incl. air distribution	702801
Welding hood CA-28 Euromaski, shade 3 + 8, incl. air distribution	702802

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

CleanAIR®

ARES II

HEAVY-DUTY WELDING HOOD

Developed with extensive input from welders working at high amperages and facing extensive radiant heat and hot spatters. This robust leather welding hood incorporating easily removable safety helmet ensures uncompromising respiratory and upper body protection where the welder´s safety is the highest priority. Perfect for application in tight spaces – thanks to compact design and removable safety helmet it allows you to squeeze into spaces where access with conventional helmet is not possible. It is compatible with the airline system CleanAIR® Pressure ARES.

AerGO®

Basic

F   FEATURES AND BENEFITS

- Multiple protection – head, eye, face, respiratory and optional hearing
- Innovative air distribution ensuring high breathing comfort
- Available with two different sizes of welding filter opening
  – 110×90 mm and 110×60 mm
- Compatible with auto-darkening or passive filters
- Stable flip-up welding frame
- Resistant to radiant heat and welding spatter
  – class 2 according to EN ISO 11611
- Individually adjustable airflow in the wide range 160–250 lpm
- Low pressure warning signal

A   AREAS OF APPLICATION

Suitable for all heavy-duty welding applications whenever protection against extensive radiant heat and hot spatters is needed.

HA   TECHNICAL DATA – HOOD ARES II

Parameters	Specification
Weight	1 440 g
Material	hood – high quality leather welding frame – polyamide
Hose connection	compatible with MINI DN 5 (CEJN 223)
Certification	EN 14594 - class 3B (NPF 200), EN 166 1B, EN 175 B, EN 170, EN ISO 11611 – Level 2/A1

Pressure ARES

PA   TECHNICAL DATA – PRESSURE ARES

Parameters	Specification
Air flow	adjustable 160–250 lpm
Inlet pressure	400–1 000 kPa
Weight	312 g
Inlet connection	compatible with RECTUS 25, 26 and CEJN 320
Outlet connection	compatible with MINI DN 5 (CEJN 223)
Certification	EN 14594, class 3B

Chemical 2F

Chemical 3F

CA-40

EASY TO WEAR, EASY TO USE HELMET

A conceptual solution for the most challenging industries available in three individual product modifications. You can choose from the combination of the safety helmet with the welding shield or the grinding visor or even benefit from both solutions integrated into one protective device.

F   FEATURES AND BENEFITS

- Multiple protection – 5 levels of protection at once: eye, face, head, respiratory and optional hearing protection
- Easy to wear, easy to use and easy to maintain system
- Compatible with ADFs or passive filters 110x90 mm
- Superb quality spherical visor guarantees an excellent field of vision
- Anti-fog coating prevents the visor from fogging
- Anti-scratch coating increases the mechanical durability of the visor
- Shade 4, shade 5 and yellow visors available
- Enhanced robustness - protection against high-speed particles with HIGH energy
- In-built air distribution system
- The highest standard in respiratory protection – TH3

A   AREAS OF APPLICATION

Automotive industry, construction, shipbuilding, heavy duty maintenance, metal smelting.

T   TECHNICAL DATA

Parameters	Specification
Weight (GW/G/W)	1255 / 1100 / 1100 g
ADF dimensions	110 × 90 × 7 mm
Viewing area	95x46,5 mm – Balder V9-13 100x53 mm – AerTEC™ X100/X110
Shade range	9–13 – Balder 4 / 5–8 / 9–13 – AerTEC™ X100 / X110
Hose connection	QuickLOCK™
Certification	EN166 1, 9, A, K, N, EN 379 1/1/1/2 EN 175 S, B, EN397 EN 12941 TH3 (NPF 500) EN 14594 3B (NPF 200)

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

1 CA-40GW

Multi-purpose safety helmet with a welding and grinding shield provides 5 levels of protection at once: eye, face, head, respiratory and optional hearing protection. Stable flip-up is compatible with auto-darkening filters or passive filters in dimension of 110x90 mm. Superb quality visor with anti-fog / anti-scratch coating guarantees excellent field of vision and increased durability. The easy to change DIN4 or DIN5 visor expand the system to the perfect protector for efficient Plasma or Oxy cutting. The product is suitable for the most challenging welding tasks including welding preparations (positioning, clamping) and further surface operations (grinding, cleaning, polishing).

Product description	Art. No.
Safety helmet CA-40GW with welding shield and grinding visor, w/o ADF	704200
Safety helmet CA-40GW with welding shield and grinding visor, including ADF Balder V9-13	704201
Safety helmet CA-40 GW with welding shield and grinding visor, incl. ADF AerTEC X110 5-8/9-13	704203

2 CA-40

Combination of a welding shield and a safety helmet with integrated air distribution. Ensures protection of the head, eyes, face, respiratory and hearing. Compatible with auto-darkening filters or passive filters in dimension of 110x90 mm.

Product description	Art. No.
Safety helmet CA-40 with welding shield, w/o ADF	704000
Safety helmet CA-40 with welding shield, with ADF Balder V9-13	704001

3 CA-40G

Combination of a grinding visor and a safety helmet with integrated air distribution. Ensures protection of the head, eyes, face, respiratory and hearing. Superb quality toric visor with anti-fog / anti-scratch coating guarantees an excellent field of vision and increased durability. The easy to change DIN4 or DIN5 visor expands the system to the perfect protector for efficient Plasma or Oxy cutting.

Product description	Art. No.
Safety helmet CA-40G with grinding visor	704100

4 NEW GRINDING VISORS AVAILABLE

You can choose from two different shade levels 4 and 5 or a bright yellow visor. The brand new toric visors offer excellent optical quality (EN 166 class 1) and enhanced robustness - protection against high-speed particles with HIGH energy guaranteed and against molten metal and hot solids.
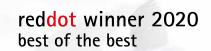
Product description	Art. No.
Spare grinding visor for CA-40, class 1, clear	704103
Spare grinding visor for CA-40, class 1, yellow	704104
Spare grinding visor for CA-40, class 1, shade 4	704105
Spare grinding visor for CA-40, class 1, shade 5	704106

CleanAIR®

UniMask®

reddot winner 2020
best of the best

CleanAIR®

160 l/min

LIGHT UNIVERSAL FACESHIELD PROVIDING THE HIGHEST COMFORT AND SAFETY

The highest level of breathing protection with enhanced inner airflow regulation and a visor with excellent optical and mechanical features make this universal light face shield a true leader of its class. UniMask® is light (just 380 g) and offers excellent user´s comfort – the inner airflow regulation allows the user to set direction and intensity of the air to be delivered to the forehead or to the front of the mouth. The users can opt for a soft textile or a neoprene face seal according to their preferences. The visor provides clear and undisturbed view of the highest quality (class 1 according to EN 166), high mechanical resistance and the anti-fog coating. UniMask® is easy to use and maintain. All spare parts are quickly and easily removable and enable fast and simple maintenance.

F FEATURES AND BENEFITS

- The highest class of breathing protection TH3
- Two headband options: a single band or a unique 5-point head harness, offering an even more secure fit
- Enhanced inner airflow regulation
- Light weight – only 380 g
- Excellent optical quality EN 166 class 1
- High mechanical resistance of the visor
- Anti-fog / anti-scratch coating
- Safety helmet compatible
- Neoprene or textile face seal option
- Easy to use and adjust
- Fast and simple maintenance

A AREAS OF APPLICATION

UniMask® is suitable for many kinds of grinding and other surface finishing operations and by heavy duty maintenance. It is convenient for use in the building industry, automotive industry, shipbuilding etc. Convenient for construction applications including protection against respirable crystalline silica dust.

T TECHNICAL DATA

Parameters	Specification
Weight	380 g
Material	UniMask® frame – Polyamide Faceseal – Neoprene or 3D polyamide knit Visor TR1 – Polycarbonate or amorphous polyamide Visor CR1 – Cellulose propionate + ABS or polycarbonate + ABS
Hose connection	QuickLOCK™
Certification	EN 166 1 FT B 9 K N (visor TR1, polycarbonate) EN 12941 TH3 (NPF 500) EN 14594 3B (NPF 200)

P PRODUCT VARIANTS

Product description	Art. No.
Protective face shield UniMask®, grey	720300.01
Protective face shield UniMask®, neoprene	720300.08
Protective face shield UniMask®, 5-point harness, grey	720300.51
Protective face shield UniMask®, 5-point harness, neoprene	720300.58
Ready 2 Work set – CA AerGO® & UniMask®	300300.01
Ready 2 Work set – CA Chemical 2F & UniMask®	510348.08

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F
Chemical 2F Ex
MedicAER

Chemical 3F

1 MULTIPURPOSE PROTECTIVE FACESHIELD

One system, many possibilities

2 INNER AIRFLOW REGULATION

Individual control of direction and intensity of the air inside the mask for increased user comfort

3 QUICKLY EXCHANGEABLE FACE SEAL AND VISOR

In case the visor has to be replaced or separately cleaned, it can be easily removed and attached back to the hood using two simple locking knobs. The face seal ensures secure and comfortable fit for the wearer. Thanks to a fast click-in system the face seal can be easily and quickly removed and attached back. The face seals can be washed in a washing machine and even dried in the dryer.

THERE IS NO ONE PERFECT VISOR FOR ALL YOUR TASKS
Now you can chose from multiple visor options for optimal performance

TORIC VISORS – TR1

Outstanding toric polycarbonate visors offer the highest optical quality and unlimited clear view. Advanced anti-scratch coating increases the mechanical durability and extends the life time of the visors significantly compared to conventional visors. Provide protection against high-speed particles with medium energy at extreme temperatures and at the same time against molten metals and hot solids.

Product description	Art. No.
Spare protective visor TR1, clear, polycarbonate	729000
Spare protective visor TR1, yellow, polycarbonate	729001
Spare protective visor TR1, shade 3, polycarbonate	729003
Spare protective visor TR1, shade 5, polycarbonate	729005

If you like superb clarity of vision but need increased chemical resistance, you can pick our new amorphous polyamide visor (aPA).*
It can be easily cleaned by most of common solvents. **

Product description	Art. No.
Spare protective visor TR1, clear, aPA	729090

* Not suitable for use in ATEX zone.

** Do not clean with acetone or alcohol based solvents.

CYLINDRICAL VISORS – CR1

Our new cylindrical visors are avialble in two material options, polycarbonate or cellulose propionate and are both compatible with peel-off protective films. Both visors offer class 1 optical quality and ensure a wide field of vision. Polycarbonate visor provides protection against high-speed particles with low energy at extreme temperatures (FT). The visor is suitable for grinding, drilling, sawing etc.
Cellulose Propionate visor features very high chemical resistance and meeting requirements for mechanical strenght (S) according to EN 166
The visor is suitable especially for painting.

NEW IN PORTFOLIO

Product description	Art. No.
Spare protective visor CR1, clear, Cellulose Propionate, cylindrical	729100
Spare protective visor CR1, clear, Polycarbonate, cylindrical	729101
Protection film for CR1 visor, pack of 10 pcs	729120/10

5 PROTECTIVE HOODS UNIMASK®

Extend your protection by simply clicking the protective hood over your UniMask®. Made from lightweight microporous polypropylene or washable anti-static fabric. Available in two lenghts.

NEW IN PORTFOLIO

Product description	Art. No.
Protective hood UniMask®, short	720360
Protective hood UniMask®, long	720361
Protective hood UniMask®, long, washable	720362

6 SAFETY HELMET COMPATIBLE

UniMask® can be used with a wide range of standard safety industrial helmets to provide a handy solution of head protection combined with protection of the face and breathing.

7 FACE SEAL MATERIAL AND COLOUR OPTIONS

UniMask® is available with two types of face seal:

- comfortable 3D textile
- easy to maintaine neoprene.

Product description	Art. No.
Face seal UniMask®, grey	720350.01
Face seal UniMask®, blue	720350.02
Face seal UniMask®, orange	720350.03
Face seal UniMask®, red	720350.04
Face seal UniMask®, neoprene	720350.08

8 5-POINT HEAD HARNESS UNIMASK

Get ready for the perfect fit with our UniMask featuring a 5-point head harness. No matter your head size or shape, this mask ensures a stable and secure feel. Experience comfort like never before with our innovative design that keeps the UniMask in place, so you can focus on your work without any worries.

NEW
IN PORTFOLIO

Product description	Art. No.
Head harness UniMask 5-point	720345

Omnira air

VARICAP READY

Multipurpose protective face shield with in-built air distribution system and wide clear visor provides protection of eyes, face and respiratory.

Toric polycarbonate visor offers the highest optical quality and unlimited clear view. Advanced anti-scratch coating increases the mechanical durability and extends the life time of the visors significantly compared to conventional visors. Compatible with a wide range of alternative visors including cylindrical with protection films.

F FEATURES AND BENEFITS

- The highest respiratory protection and more comfort thanks to an advanced built-in air distribution system.
- Outer control of the direction of the air in the helmet.
- Clear visor of the highest optical quality can be easily changed for avaliable alternative visors (yellow; shade 3,5; cylindrical with protection films).
- Fast and easy replacement of all spare parts.
- Newly designed head suspension allows multiple individual settings.

A AREAS OF APPLICATION

Suitable for grinding and surface finishing operations in heavy industrial environments. In combination with DIN5 visor it is suitable for all gas and plasma cutting/welding operations.

T TECHNICAL DATA

Parameters	Specification
Weight	717 g
Materials	Shell – Polyamide
	Headgear – Polyamide
	Visor TR1 – Polycarbonate or amorphous polyamide
	Visor CR1 – Cellulose propionate + ABS or polycarbonate + ABS
Hose connection	QuickLOCK™
Certification	EN 166 1 FT B 9 K N (visor TR1, polycarbonate)
	EN 12941 TH3 (NPF 500)
	EN 14594 3B (NPF 200)

S PRODUCT VARIANTS

Product description	Art. No.
Protective faceshield Omnira air	703100
Ready 2 Work – CleanAIR® AerGO® & Omnira air	303100
Ready 2 Work – CleanAIR® Basic & Omnira air	813100

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

CleanAIR®

CA–1
CA–1+

VARICAP
READY

This short light hood is an optimal solution for respiratory protection and face protection in dusty and light chemical environments where no further mechanical protection is required. In combination with PAPR or airline systems CleanAIR® it reaches the highest level of respiratory protection. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be set individually, as well as the perimeter of the headgear. The light nylon fabric and spacy cut makes it pleasant to wear even for long time work. The wide panoramic visor with anti-fog coating ensures undisturbed view and provides basic mechanical protection of the eyes. Available either in modification with an exhalation valve (version CA-1+) or even lighter version without exhalation valve but with breathable fabric.

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

F   FEATURES AND BENEFITS

- Superior breathing protection
- Wide visor with anti-fog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Provides full protection of the eyes according to EN 166
- Practical reflective tab on the top

A   AREAS OF APPLICATION

The hood is suitable for work in dusty and light chemical environments in pharmaceutical and chemical industries. Convenient for construction applications including protection against respirable crystalline silica dust.

T   TECHNICAL DATA

Parameters	Specification
Weight	150 g / 180 g (CA–1+)
Material	hood – nylon visor – cellulose propionate
Colour	orange, blue
Hose connection	QuickLOCK™
Certification	EN 166 1 S F EN 12941 TH3 (NPF 500) EN 14594 3A (NPF 200)

P   PRODUCT VARIANTS

Product description	Art. No.
Short hood CA–1, orange	720102
Short hood CA–1, blue	720102B
Short hood CA–1+, orange	720112
Short hood CA–1+, blue	720112B

![CleanAIR logo]

CA-2

VARICAP READY

This long light hood ensures respiratory protection and protection of the head, neck and shoulders in dusty environments where no further mechanical protection is required. In combination with PAPR or airline systems CleanAIR® it reaches the highest level of breathing protection. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be individually set, as well as the perimeter of the headgear. The light nylon fabric and spacy cut makes it pleasant to wear even for long time work. The wide panoramic visor with anti-fog coating ensures undisturbed view and provides basic mechanical protection of the eyes.

F   FEATURES AND BENEFITS

- Superior respiratory protection
- Wide visor with anti-fog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Provides full protection of the eyes according to EN 166
- Practical reflective tab on the top
- Protection of the upper part of the body

A   AREAS OF APPLICATION

The hood can be used in dusty or light chemical environments. It is suitable for spraying and painting operations as well as for use in laboratories and pharmaceutical industry.

T   TECHNICAL DATA

Parameters	Specification
Weight	240 g
Material	hood – nylon visor – cellulose propionate
Colour	orange, blue
Hose connection	QuickLOCK™
Certification	EN 166 1 S F EN 12941 TH3 (NPF 500) EN 14594 3A (NPF 200)

P   PRODUCT VARIANTS

Product description	Art. No.
Long hood CA-2, orange	720202
Long hood CA-2, blue	720202B

Recommended combinations

AerGO®

Basic

Pressure Flow Master

Chemical 2F

Chemical 3F

45

CleanAIR®

CA–1 Lite
CA–2 Lite

VARICAP READY

Maintenance-free lite hoods save you cleaning time and provide uncompromising respiratory protection. Available fully assembled

and packed individually or in a cost-effective bulk package without accessories.

Made from lightweight microporous polypropylene and offering a wide visor. Extra lightweight protective hood that benefits from a spacy cut

and individually adjustable headgear.

AerGO®

F   FEATURES AND BENEFITS

- Maintenance-free
- Wide visor for undisturbed view
- Individual headgear settings
- Spacy cut and light-weight
- Longer option CA-2 Lite covering neck available

A   AREAS OF APPLICATION

- Healthcare and medical
- Pharmaceutical industry
- Food and beverage processing
- Manufacturing

T   TECHNICAL DATA

Parameters	Specification
Weight	76 g (CA-1 Lite) / 107 g (CA-2 Lite)
Material	hood – microporous polypropylen
	visor - Polyethylene terephthalate (PET)
Colour	white
Hose connection	QuickLOCK™
Certification	EN12941 TH3
	EN14594 3A

Basic

S   PRODUCT VARIANTS

Product description	Art. No.
Short hood CA-1 Lite	720101
Long hood CA-2 Lite	720201

Pressure Flow Master

Chemical 2F
Chemical 2F Ex
MedicAER

Chemical 3F

This chemically resistant hood ensures respiratory protection and protection of the head, neck and shoulders in the most demanding chemical environments. In combination with PAPR or airline systems CleanAIR® it reaches the highest level of breathing protection. The hood has increased durability and can be decontaminated because of the light laminated fabric with taped seams. It is still very light and comfortable thanks to the inner anti-septic fabric which absorbs sweat and at the same time creates an additional sealing. It perfectly fits to various head types due to adjustable headgear and comfortable elastic rubber band. The distance of the visor can be individually set, as well as the perimeter of the headgear. The wide panoramic visor with anti-fog coating ensures undisturbed view and provides basic mechanical protection.

F FEATURES AND BENEFITS

- Superior respiratory protection
- Durable and decontaminable
- Inner anti-septic fabric that absorbs sweat and provides extra sealing
- Wide visor with anti-fog coating
- Individual headgear settings – adjustable perimeter and distance from the visor
- Pleasant to wear due to the spacy cut and light weight durable material
- Provides full protection of the eyes according to EN 166
- Practical reflective tab on the top

A AREAS OF APPLICATION

The hood can be used in all environments demanding high durability and chemical resistance. It is suitable for spraying and painting operations as well as for use in laboratories and pharmaceutical or chemical industries.

T TECHNICAL DATA

Parameters	Specification
Weight	220 g
Material	hood – polyethylene laminated (CA-10) – Tychem F (CA-10G) visor - cellulose propionate
Colour	yellow, grey
Hose connection	QuickLOCK™
Certification	EN 166 1 S F EN 12941 TH3 (NPF 500) EN 14594 3A (NPF 200)

P PRODUCT VARIANTS

Product description	Art. No.
Long protective hood CA-10, chemically resistant	721002
Long protective hood CA-10, chemically resistant, grey (Tychem F)	721002G

Recommended combinations

AerGO®

Chemical 2F

Chemical 2F Ex

MedicAER

Chemical 3F

CleanAIR®

GX02

Filter A2B2E2K2P3
Produced by Malina Safety

Filter A2B2E2K2P3
Produced by Malina Safety

The full face mask Shigematsu GX02 offers the highest level of respiratory protection in highly contaminated environments. The mask can be used with a wide range of standard canister filters and powered air purifying systems CleanAIR®. The mask body is made of a high quality silicone which ensures extensive chemical resistance and a long operation life. Its double seal flange maintains maximal seal while keeping the high level of comfort for the wearer supported by two exhalation valves reducing the breathing resistance and keeping the mask cool and dry. The six point head harness ensures secure and easy fit. The wide panoramic visor provides a broad visual field. The visor is equipped with anti-scratch coating that guarantees high mechanical resistance which can be further increased by a protection foil. The visor is exchangeable. The mask is equipped with a speech diaphragm which facilitates communication.

F FEATURES AND BENEFITS

- Double seal flange for maximum protection and comfort
- High chemical resistance
- Exchangeable wide panoramic visor
- Anti-scratch coating
- Six point head harness
- Two exhalation valves ensure a low breathing resistance
- Speech diaphragm
- Visor protection foil available

A AREAS OF APPLICATION

The mask is suitable for use in the environments with heavy chemical or biological contamination and meets the highest demands on respiratory protection. Besides chemical industry it can be used in pharmaceutical industry, laboratories, spraying facilities and in remediation operations.

T TECHNICAL DATA

Parameters	Specification
Weight	660 g (size S)
	673 g (size M)
	700 g (size L)
Available sizes	S, M, L
Material	material mask
	body – silicone rubber
	visor – polycarbonate
	head harness – natural rubber
Hose connection	RD40×1/7"
Certification	EN 136 CL3, EN 12942 TM3 (NPF2000)

P PRODUCT VARIANTS

Product description	Art. No.
Full face mask GX02, size S/M/L	710600*

* Add S/M/L/XL for the required size

Recommended combinations

Chemical 2F

MedicAER

Chemical 2F Asbest

Chemical 3F

Asbest 2.0

CleanAIR®

CF02

CF02 is a lightweight full face mask suitable to the demanding chemical conditions. The mask can be used with a wide range of standard canister filters and powered air purifying systems CleanAIR®. The mask has a superior spherical visor which is minimizing the distance between the eyes and the visor. This design feature eliminates distortion and provides clear and broad field of vision. The visor is equipped with anti-scratch coating that guarantees high mechanical resistance which can be further increased by a protection foil. The mask body is made of high quality Styrene TPE which guarantees high chemical resistance and a long operation life. The six point head harness ensures a secure and easy fit. Its non-sticky surface prevents hair from tangling.

F FEATURES AND BENEFITS

- Lightweight – 435 g
- High chemical resistance
- Superior spherical visor
- Anti-scratch coating
- Six point head harness
- Can be used with a wide range of canister filters
- Two exhalation valves – low breathing resistance
- Protection foil available

A AREAS OF APPLICATION

The mask is suitable for use in the environments with heavy chemical or biological contamination and meets the highest demands on respiratory protection. Besides chemical industry it can be used in pharmaceutical industry, laboratories, spraying facilities and in remediation operations.

T TECHNICAL DATA

Parameters	Specification
Weight	435 g (both sizes)
Available sizes	M, L
Material	mask body – thermoplastic elastomer TPE visor – polycarbonate head harness – polybutylene terephthalate TPU
Hose connection	RD40×1/7"
Certification	EN 136 CL3 EN 12942 TM3 (NPF 2000)

P PRODUCT VARIANTS

Product description	Art. No.
Full face mask CF02, size M/L	720600*

* Add M/L for the required size

Recommended combinations

Chemical 2F

MedicAER

Chemical 2F Asbest

Chemical 3F

Asbest 2.0

CleanAIR®

Panoramate Lite

Exceptional full body and respiratory protection for highly contaminated environments. Designed for use with powered air purifying respirator CleanAIR® Chemical 2F. Maximum durability, low weight, excellent field of vision and freedom of breathing guarantee exceptional comfort for the user.

F FEATURES AND BENEFITS

- Panoramic visor ensures a wide field of vision
- Transverse front entry opening with zipper. Double zipper storm flap.
- Elastic ribbing on waist and chest for a better mobility
- Fully taped seams
- Easy and secure connection of the coverall and PAPR thanks to special garment grommets
- Remote Display Device (RDD) compatible, it seamlessly relays crucial PAPR information directly into your view

A AREAS OF APPLICATION

- First responders and emergency teams
- Viral and biological protection
- Remediation operations
- Nuclear industry
- Laboratories
- Pharmaceutical industry

T TECHNICAL DATA

Parameters	Specification	
	Panoramate 2550 Lite	Panoramate 3550 Lite
Standard	Class EN	Class EN
EN 12941+A1:2009	TH3	TH3
EN 1073-1:2019	Class 3	Class 3
EN 14605+A1-1:2009	Type 4	Type 3 and 4
EN ISO 13982-1:2004	Type 5	Type 5
EN 13034+A1:2009	Type 6	Type 6
EN 14126:2004	4-B, 5-B, 6-B	3-B, 4-B, 5-B, 6-B

P PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Panoramate 2550 lite, size S/M/L/XL/XXL	922550*
CleanAIR® Panoramate 3550 lite, size S/M/L/XL/XXL	923550*

* Add S/M/L/XL for the required size

Recommended combinations

AerGO®

Chemical 2F

Chemical 2F Ex

MedicAER

Chemical 3F

1   TWO PRODUCT VARIATIONS

Panoramate 3550 Lite
Coverall is made of anti-static CPM® material and provides the optimal protection against solid and liquids aerosols and liquid chemicals at pressure up to 2 bar, including radioactive and biological contamination.

Panoramate 2550 Lite
Coverall is made of anti-static CMF material and provides optimal protection against solid and liquid aerosols including radioactive and biological contamination.

2   PANORAMATE 2550/3550 LITE FEATURES

1 Unlimited vision
Panoramic visor ensures a wide field of vision.

2 Easy donning & Doffing
Transverse front entry opening with zipper. Double zipper storm flap.

3 Free movement
Elastic ribbing on waist and chest for a better mobility.

4 Airtight
Fully taped seams.

1 Safety
Emergency rip cord.

2 Exhalation valve
Maintains optimal pressure in the suit for the full range of movement.

3 Tight connection
Double elasticated cuffs.

4 Secure interface
Easy and secure connection of the coverall and PAPR thanks to special garment grommets.

5 Tight connection
Attached socks with boot flaps.

Stay informed effortlessly with our reliable RDD. It seamlessly relays crucial PAPR information right into your view and alerts you to any alarms. No manual settings required – it's all automatic!

The RDD syncs with your PAPR during a quick startup, displaying the PAPR's status. When everything's good, you'll see a comforting dim green light. And if an alarm comes up, the RDD uses flashing lights and a buzzer to grab your attention.

Simple and efficient – when you switch off your PAPR, the RDD shuts down too.

Compatible with all CleanAIR Panoramate Lite suits.

NEW IN PORTFOLIO

P PRODUCT VARIANTS

Product description	Art. No.
Battery CA Chemical 2F for RDD, Li-Ion 14,4V/2,6Ah	510012
Primary battery CA Chemical 2F for RDD, Li	510013
Remote display device for Chemical 2F, 3F (RDD)	510025

The most ergonomical and versatile respirator but not only for welding industry. Compatible with both particle and combined filters and thus suitable for a wide range of industrial applications. The slim profile of the unit allows you to squeeze into spaces with limited access, while the smart Flow Control system maintains the air flow constant regardless filter clogging or low battery charge. Audio, visual and vibrating alarm indicate when battery charge or filter replacement is required. Adjustable airflow 160 or 210 lpm available during the whole shift no matter of the type of the filter thanks to the optional Heavy Duty battery.

F FEATURES AND BENEFITS

- Lightweight and ergonomic
- Slim profile of the unit – only 65 mm
- Versatile in use – filtration of particulates as well as gases/vapours
- Simple to operate with just one button
- Operation time up to 20 hours with Heavy Duty battery, or up to 10 hours with standard battery
- Short battery recharging time < 3 hours (standard battery)
- Adjustable airflow at four levels: 160 - 210 lpm
- Flow Control system maintains constant airflow regardless of the the level of filter clogging or battery charge
- Audio, visual and vibrating alarm indicating a low airflow or a low battery charge
- Unique filter design ensures the perfect seal by every filter change
- Built-in barometric sensor – automatic airflow compensation depending on altitude. Works from -500m up to 4500m.

A AREAS OF APPLICATION

Welding, grinding and surface finishing operations

Automotive and shipbuilding industry

Agriculture, food processing industry

Building and construction, wood processing

T TECHNICAL DATA

Parameters	Specification
Weight	980 g (including standard battery)
Airflow	160 - 210 lpm
Alarm	audio, visual and vibrating
Operation* / charging time	< 10 / < 3 h standard battery
	< 20 / < 5,5 h Heavy Duty battery
Battery	Li-Ion 14,4 V / 2,6 Ah (standard)
	Li-Ion 14,4 V / 5,2 Ah (Heavy Duty)
Hose connection	CA40×1/7"
Certification	EN 12941 TH3

* at 160 lpm with brand new P R SL filters and fully charged battery

A AVAILABLE FILTER TYPE

- particles
- combined – Class 1

P PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® AerGO® incl. comfort belt, battery, charger, QL hose	300000P
CleanAIR® AerGO® incl. leather belt, battery, charger, QL hose	300000L

1   UNIVERSAL IN USE

CleanAIR® AerGO® is a multipurpose solution suitable for any industrial operations. The system can be flexibly adapted to the particular conditions just by exchanging light particle filters for combined filters that prevent from harmful gases and vapours as well. Optional Heavy Duty battery ensures enough power for the whole shift operation if used with combined filters.

2   COMBINED FILTERS AVAILABLE

NEW IN PORTFOLIO

Filters with active charcoal eliminate a wide range of gaseous contaminants including ozone*.

Filter AerGO® A1P R SL (pack of 2 pcs)	300357
Filter AerGO® A2P R SL (pack of 2 pcs)	300157
Filter AerGO® A1B1E1P R SL - OZONE (pack of 2 pcs)	300364
Filter AerGO A1B1E1K1 P R SL – OZONE (pack of 2 pcs)	300368

* Protection against ozone up to the concentration of 20 mg/m³ (10 ppm)

3   SPARK ARRESTOR AND PRE-FILTER AVAILABLE

The spark arrestor prevents the filter from damage by hot sparks and spatters while the pre-filter traps the coarse particles and thus prolongs the lifetime of the main filter. Start using spark arrestors and keep your filter maintenance cost low.

4   HEAVY DUTY BATTERY OPTION AVAILABLE

The Heavy Duty battery more than doubles the operation time of the respirator. It's not necessary anymore to recharge the batteries during long shifts. When used with new P R SL filters and a fresh battery, CleanAIR® guarantees an operation time of more than 16 hours.

Standard battery, Li-Ion 14,4 V / 2,6 Ah	310013
Heavy Duty battery, Li-Ion 14,4 V / 5,2 Ah	310023

5   MULTICHARGER AERGO - 5 SLOTS

Multicharger AerGO - 5 slots, w/o power supply	707030
Multicharger AerGO - 5 slots, incl. power supply and AC cords	707030P

6   DIFFERENT BELT AND HARNESS OPTIONS

Leather belt combines high comfort of the back padding with high durability. Investing in a leather belt option can be wise when used in highly demanding environments.

Discover the Ultimate in Comfort and Functionality with the CleanAIR Backpack Harness.

Comfortable Yet Durable Design: Built to withstand demanding environments while ensuring long-lasting comfort and reliability.

Optimized PAPR Placement: Positioned on the upper back for enhanced comfort and freedom of movement, ideal for tasks involving prolonged sitting.

NEW IN PORTFOLIO

Comfort padded belt CleanAIR® AerGO®	300092
Comfort belt and harness CleanAIR® AerGO®	300093
Heavy Duty Leather belt CleanAIR® AerGO®	320092

CleanAIR®

Basic

Time-proven respiratory unit got a new look and incorporates the latest technology. All this and more at price you can afford! CleanAIR® Basic provides efficient protection against harmful particles such as dust, smoke, fumes and fibres. It is equipped with Li-Ion battery, electronic control of constant airflow and advanced system for warning the user. The airflow is individually adjustable (from 170 lpm up to 240 lpm) and can be easily set by just one button. All the relevant information is clearly visible on the newly designed LED control panel.

F FEATURES AND BENEFITS

- Lightweight and compact
- Exchangeable Li-Ion battery
- Adjustable airflow in five levels (170–240 lpm)
- Flow Control system maintains constant airflow regardless of the the level of filter clogging or battery charge
- Audiovisual alarm
- Indication of filter clogging and battery charge
- Newly designed LED control panel
- Simple one-button operation
- New click-lock system for easy attaching the filter cover
- Built-in barometric sensor – automatic airflow compensation depending on altitude. Works from -500m up to 4500m.

A AREAS OF APPLICATION

Welding, grinding and surface finishing operations

Automotive and shipbuilding industry

Agriculture, food processing industry

Building and construction, wood working

A AVAILABLE FILTER TYPE

- particles

T TECHNICAL DATA

Parameters	Specification
Weight	880 g (including battery)
Airflow	adjustable 170–240 lpm
Alarm	audio, visual
Operation* / charging time	< 10 / < 5 h
Battery	Li-Ion 7,2 V / 5,2 Ah
Hose connection	CA40×1/7"
Certification	EN 12941 TH3

* at 170 lpm with brand new P R SL filter and fully charged battery

P PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Basic incl. comfort belt, battery, charger, QL hose	810000P
CleanAIR® Basic incl. leather belt, battery, charger, QL hose	810000L

Chemical 2F

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 thought-out 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. Adjustable airflow from 120 up to 235 lpm is available during the whole shift no matter of the type of the filter thanks to optional Heavy Duty battery.

F 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

A AREAS OF APPLICATION

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

T TECHNICAL DATA

Parameters	Specification
Weight	960 g (including standard battery)
Airflow	adjustable 120–235 lpm
Alarm	audio, visual
Operation* / charging time	< 10 / < 3 h standard battery < 20 / < 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 P R SL filters and fully charged battery

A AVAILABLE FILTER TYPE

particles, combined - Class 1, combined - Class 2

P PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Chemical 2F incl. comfort belt, battery, charger	510000FCA
CleanAIR® Chemical 2F incl. decont. PVC belt, battery, charger	510000FDA

CONNECT YOUR CHEMICAL 2F WITH YOUR SMART DEVICE VIA CLEANAIR® LINK APP

All the settings for your CleanAIR® device in one place easily accessible through Bluetooth. This gives you a great tool for managing settings like headtops, filter type, filter timer and much more.

User manual and declaration of conformity is also directly accessible from the app.

Advanced User mode allows you to connect more than one device at the same time which gives you a perfect overview of your PAPR fleet in almost real time.

Product description	Art. No.
CleanAIR® Chemical 2F BlueTooth incl. comfort belt, battery, charger	510B00FCA
CleanAIR® Chemical 2F BlueTooth incl. decont. PVC belt, battery, charger	510B00FDA

2

BACK HARNESSES FOR INCREASED BACK SUPPORT AND HIGHER COMFORT

Product description	Art. No.
Decontaminable belt PVC – 2F/3F	510051
Decontaminable harness PVC – 2F	510052

3

MULTICHARGER 2F - 5 SLOTS

Product description	Art. No.
Multicharger 2F - 5 slots, incl. power supply and AC cords	707051P

4 DIFFERENT POWER SUPPLY OPTIONS

You can choose between the standard battery, heavy-duty battery or non-rechargeable primary battery. Besides standard charger there are available power adaptors either for car power socket or for the main socket as an alternative power source.

Product description	Art. No.
Power adaptor 230 V / 24 V for the main socket	510015.1
Power adaptor 12 V -24 V - car power socket	510015.2

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.

Product description	Art. No.
Battery Li-Ion Heavy Duty, Li-Ion 14,4V / 5,2Ah	510020

Non rechargeable one-time use battery with guaranteed 10 years storage time. The battery is ready anytime you need without the necessity of charging. The perfect choice for emergency teams, first responders, or those who need to use the respiratory system only in case of an emergency.

Product description	Art. No.
Primary Lithium battery	510011

5 MAXIMIZED WATER INGRESS PROTECTION IP68

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

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

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

IP68[3] Immersion disinfection – 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

CleanAIR®

Chemical 2F Ex

The most versatile and durable respirator is newly available in ATEX version which can be used in potentiallly explosive atmospheres. Despite its compact design and low weight, Chemical 2F is characterized by outstanding durability, chemical resistance and increased ingress protection. The thought-out design with smooth surface allows easy decontamination by shower or even full immersion. The unique aotomatic closing system prevents unwanted contamination while the filters are being changed.
The smart Flow Control system maintains the airflow constant regardless filter clogging or low battery charge. Audiovisual alarm indicates when the battery charge and/or filter replacement is required. Airflow is individualy adjustable from 120 lpm up to 235 lpm.

F   FEATURES AND BENEFITS

- Compact design and low weight
- Specially adapted for use in potentially explosive atmospheres – approved to Zone 2
- Compatible with a hood, mask or ventilated protective suit
- High mechanical and chemical resistance
- 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
- Short battery recharging time < 3 hours
- Audiovisual alarm
- Multilingual user interface

A   AREAS OF APPLICATION

- Potentially explosive atmospheres – approved to Zone 2
- Heavy industrial environments including chemical and pharmaceutical industry
- Remediation operations, laboratories
- First responders and emergency teams
- Biological protection

T   TECHNICAL DATA

Parameters	Specification
Weight	960 g
Airflow	adjustable 120–235 lpm
Alarm	audio, visual
Operation* / charging time	< 10 / < 3 h
Battery	Li-Ion 14,4 V / 2,6 Ah
Hose connection	CA40×1/7"
Certification	EN 12941 TH3, EN 12942 TM3 Ingress protection **IP64**/**IP65**/**IP68**
ATEX classification	II 3 G IIB T4 Gc II 3 D IIIC 135°C Dc

* at 160 lpm with brand new P R SL filters and fully charged battery

A   AVAILABLE FILTER TYPE

particles, combined - Class 1, combined - Class 2

P   PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Chemical 2F Ex - incl. PVC belt, Li-Ion battery, charger, light flexi hose QuickLOCK™, flow indicator	51E000FD

Powered air purifying respirator specially designed for protection of healthcare workers, emergency teams or other professionals facing biological and viral contamination. The construction allows easy decontamination in a shower or even an immersion disinfection. The unique automatic closing system reduces the risk of unwanted contamination of the unit while the filters are being changed. Full colour display clearly shows all the relevant information needed. High-capacity Li-Ion battery as an option significantly extending operation time up to 16 hours. No more necessary to change or re-charge battery during long shifts including combination with gas and vapour filters.

F   FEATURES AND BENEFITS

- Compact design, low weight
- Decontaminable by a shower
- Allows immersion disinfection with Sodium hypochloride or Persteril
- Unique automatic closing system
- High mechanical durability and chemical resistance
- Individually adjustable airflow 120–235 lpm
- Full colour TFT display

A   AREAS OF APPLICATION

- Health care and emergency response
- Laboratories and pharmaceutical industry

A   AVAILABLE FILTER TYPE

particles, combined - Class 1, combined - Class 2

T   TECHNICAL DATA

Parameters	Specification
Weight	960 g (including battery)
Airflow	adjustable 120–235 lpm
Alarm	audio, visual
Operation* / charging time	< 10 / < 3 h
Battery	Li-Ion 14,4 V / 2,6 Ah
Hose connection	CA40×1/7"
Certification	EN 12941 TH3, EN 12942 TM3 Ingress protection **IP64**/**IP65**/**IP68**

* at 160 lpm with brand new P R SL filters and fully charged battery

P   PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® MedicAER® incl. comfort belt, QL hose, charger, P3 filters in transport case	51M000FC
CleanAIR® MedicAER incl. decont PVC belt, QL hose, charger, P3 filters in transport case	51M000FD
CleanAIR® MedicAER® incl. comfort belt, QL hose, charger, P3 filters in transport case	51M100FDH.1

Chemical 2F Asbest

The high performance respiratory protection system for environments contaminated by asbestos fibres. The combination of the powered air respirator Chemical 2F and the high quality full face masks GX02/CF02 characterizes excellent durability and the highest level of respiratory protection. The smart Flow Control system ensures a constant air flow, regardless of whether the filter is clogged or the battery is running low. The audiovisual alarm indicates when the battery needs to be charged or the filter needs to be replaced. With the two options available for full-face masks, users can choose the perfect mask for comfort and a secure fit based on their individual needs.

F   FEATURES AND BENEFITS

- Compact design and low weight
- 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
- Audiovisual alarm
- Multilingual user interface
- Back harness available for increased comfort

A   AREAS OF APPLICATION

Remediation operations, building & construction.

A   AVAILABLE FILTER TYPE

- particles
- combined - Class 1
- combined - Class 2

T   TECHNICAL DATA

Parameters	Specification
Weight	960 g (including standard battery)
Airflow	adjustable 160–235 lpm
Alarm	audio, visual
Operation* / charging time	< 10 / < 3 h standard battery < 20 / < 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 P R SL filters and fully charged battery

P   PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Chemical 2F Asbest incl. decont. PVC belt, battery, charger	510000ASD

CleanAIR®

Chemical 3F

A High level of performance, mechanical and chemical resistance, UV resistance and ingress protection IP64 guarantee the sufficient protection of the wearer even in heavy industrial environments, the chemical industry, laboratories and pharmaceutical industry. Airflow can be individualy set according to the user´s needs. The outstanding performance makes the system very suitable especially for highly contaminated workplaces.

F FEATURES AND BENEFITS

- High mechanical and chemical resistance
- Airflow adjustable from 120 up to 235 lpm
- Decontaminable by shower – IP64
- 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
- Li-Ion battery and quick battery charger (charging time < 3 h)
- Audiovisual alarm
- Multilingual user interface
- Back harness available for increased comfort

A AREAS OF APPLICATION

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

A AVAILABLE FILTER TYPE

- particles
- combined - Class 1
- combined - Class 2

T TECHNICAL DATA

Parameters	Specification
Weight	1100 g (including standard battery)
Airflow	adjustable 120–235 lpm
Alarm	audio, visual
Operation* / charging time	< 10 / < 3 h
Battery	Li-Ion 14,4 V / 2,6 Ah
Hose connection	CA40×1/7"
Certification	EN 12941 TH3 EN 12942 TM3 Ingress protection IP64

* at 160 lpm with brand new P R SL filters and fully charged battery

P PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Chemical 3F incl. comfort belt, battery, charger	520000FCA
CleanAIR® Chemical 3F incl. decont. PVC belt, battery, charger	520000FDA

The powered air respirator CleanAIR® Asbest 2.0 and the high quality full face masks GX02/CF02 offer an exceptionally light and compact combination with excellent durability and the highest level of respiratory protection. The complete combination of CleanAIR® Asbest 2.0 with a full face mask Shigematsu and a highly effective filter against particles guarantees a high nominal protection factor (NPF 2000), sufficient airflow and simple decontamination. The system is designed for active respiratory and face protection during remediation of asbestos-containing materials and can be mounted directly on the mask or connected to the mask with a hose and worn on a belt. Special emphasis has been placed on the low weight and simple operation.

F   FEATURES AND BENEFITS

- Compact design and light weight – 385 g
- Simple one-button operation
- Mountable directly to the mask or on the belt
- Decontaminable by a shower
- Operation time up to 5 h
- High nominal protection factor NPF 2000
- Low battery indication

A   AREAS OF APPLICATION

The system is suitable for use in the environments with particulate contamination, especially for asbestos remediation operations or in the building industry.

A   AVAILABLE FILTER TYPE

- particles

T   TECHNICAL DATA

Parameters	Specification
Weight	385 g (including battery and PRSL filter)
Airflow	180 lpm initial airflow / 160 lpm minimum airflow
Operation* / charging time	< 5 / < 3 h
Battery	Li-Ion 7,2 V / 2,6 Ah
Hose connection	CA40×1/7"
Certification	EN 12942 TM3

* with brand new P R SL filter and fully charged battery

P   PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Asbest 2.0 incl. belt battery, filter, hose, charger	590002
CleanAIR® Asbest 2.0 incl. belt, two batteries, filter, hose, charger	590002T

Pressure
Pressure
Flow Master
Conditioner

Systems CleanAIR® Pressure/Pressure Flow Master are constant flow supplied air respirators suitable for a long term work in the heaviest industrial environments.
The regulator on the belt unit can adjust the amount of air coming from the central compressed air distribution system or a compressor and keeps it at a constant level without regard to the changes of inlet pressure.

F FEATURES AND BENEFITS

- Low weight
- Economical operation
- High levels of airflow
- Low pressure warning system
- Option of filtration of supplied air
- Compatible with a wide range of CleanAIR® headtops

A AREAS OF APPLICATION

Manufacturing and automotive industry – welding, grinding, surface finishing operations, suitable to the heavy industrial environments.

T TECHNICAL DATA

Parameters	Specification		
	Pressure Flow Master	Pressure	Pressure Conditioner
Airflow	160–250 lpm	160–400 lpm	–
Inlet pressure	400–1 000 kPa	300–1 000 kPa	300–1 000 kPa
Weight	280 g	250 g	6,80 kg
Inlet connection	Inlet connection compatible with RECTUS 25, 26 and CEJN 320		
Outlet connection	CA40×1/7"	CA40×1/7"	2× outlet compatible with RECTUS 25, 26 and CEJN 320
Certification	EN 14594, class 3B	EN 14594, class 2A	–

P PRODUCT VARIANTS

Product description	Art. No.
CleanAIR® Pressure belt and flow indicator	630000
CleanAIR® Flow Master comfort belt and flow indicator	670000
CleanAIR® Pressure Conditioner with stand	610050

Pressure For Mask

The CleanAIR® Pressure for Mask is comfortable and versatile, highly effective constant flow airline system for use with the Shigematsu GX02 mask. The unique filter back up feature allows the user to keep breathing normally through the passive particle or combined filter in case of sudden failure of the air supply and provides breathing protection in case of emergency evacuation. The system allows the user to adjust the airflow from 170 lpm up to 250 lpm and keeps it at constant level regardless to changes of inlet pressure. In addition to the airflow regulation (170 - 250 lpm) the system is equipped with a warning whistle. It warns the user if the inlet pressure drops below the bottom limit of operating pressure (350 kPa). CleanAIR® Pressure for Mask was especially designed for long wearing periods or for workplaces where the contaminants are highly toxic and have poor warning properties. It is decontaminable by shower and it provides the maximum nominal protection factor of 2000 in accordance with EN 14594:05 (class 4B).

F FEATURES AND BENEFITS

- Lightweight and comfortable
- High levels of airflow 160–250 lpm
- Nominal protection factor 2000
- Backup filter feature
- Compatible with particle and combined filters
- Decontaminable by shower
- Low pressure warning signal

A AREAS OF APPLICATION

Long time work in industrial environments with highly toxic contaminants, constructions and food processing industry, closed tanks, tunnels.

A AVAILABLE FILTER TYPE

- particles
- combined - Class 2

T TECHNICAL DATA

Parameters	Specification
Weight	280 g (without air hose and filter)
Airflow	170–250 lpm
Filter type	50 02 48 – Filter P3 with two threads RD40×1/7"
	50 02 68 – Filter A2B2E2K2P3 with two threads RD40×1/7"
Inlet pressure	400–1 000 kPa
Inlet connection	compatible with RECTUS 25,26 and CEJN 320
Outlet connection	MINI DIN 5 – compatible with RECTUS 21 serie
Certification	EN 14594, class 4B (NPF 2 000)

P PRODUCT VARIANTS

Product description	Art. No.
Pressure for Mask incl. P3 filter and comfort belt	650000PC
Pressure for Mask incl. P3 filter and decontaminable belt	650000PD

Filters

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 FILTERS

They catch a wide range of solid particles in the form of liquid and solid aerosols such as dust, smoke, fibers, bacteria, viruses and radioactive particles. Certification: EN 143, EN 12941, EN 12942.

All CleanAIR particle filters are meeting requirements of the above standards with filter efficiency not less than 99,95% corresponding with P3 classification.

CleanAIR P3 lite and ZERO lite filters feature the same filter performance as P3 and ZERO filters, but with a reduced capacity.

CleanAIR Zero filter represents a filter against particles with enhanced efficiency of filter media. The minimal filter efficiency is not less than 99.998%.

TYPE: P3, COLOUR CODE: ○

Product description	Art. No.
Filter P3, thread RD40x1/7", pack of 6	500048/6
Filter P3, thread RD40x1/7", bulk package of 60pcs	500048/60
Filter P3 lite, RD40x1/7"	504048
Filter P3 lite, RD40x1/7", pack of 20 pcs	504048/20
Filter P3 lite, RD40x1/7", pack of 6	504048/6
Filter ZERO, with two threads RD40x1/7", pack of 5	500249/5
Filter ZERO lite, with two threads RD40x1/7", pack of 5	504249/5

COMBINED FILTERS – CLASS 1

Provide protection against a combination of contaminants in the form of gases, vapours and solid particles. EN 12941, EN 12942.

TYPE: A1P3, COLOUR CODE: ○ ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, particles.

Product description	Art. No.
Filter A1P3, thread RD40x1/7", pack of 3	500357/3

TYPE: A1B1E1P3, COLOUR CODE: ○ ● ● ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours, acid gases and vapours, particles.

Product description	Art. No.
Filter A1B1E1P3, thread RD40x1/7", pack of 3	500364/3

COMBINED FILTERS – CLASS 2

Provide protection against a combination of contaminants in the form of gases, vapours and solid particles. EN 14387, EN 12941, EN 12942.

TYPE: A2P3, COLOUR CODE: ○ ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, particles.

Product description	Art. No.
Filter A2P3, thread RD40x1/7" pack of 3 pcs	500157/3
Filter A2P3, thread RD40x1/7" pack of 30 pcs	500157/30*
Filter A2P3 ZERO, with two threads RD40x1/7", pack of 3	500257/3

* Without filter covers

TYPE: B2P3, COLOUR CODE: ○ ●

Areas of application: inorganic gases and vapours, particles.

Product description	Art. No.
Filter B2P3, thread RD40x1/7", pack of 3	500162/3

TYPE: K2P3, COLOUR CODE: ○ ●

Areas of application: ammonia and organic amines, particles.

Product description	Art. No.
Filter K2P3, thread RD40x1/7", pack of 3	500160/3

TYPE: A2B2P3, COLOUR CODE: ○ ● ● ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours, particles.

Product description	Art. No.
Filter A2B2P3, thread RD40x1/7", pack of 3	500167/3

TYPE: A2B2E2P3, COLOUR CODE: ○ ● ● ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours, acid gases and vapours, particles.

Product description	Art. No.
Filter A2B2E2P3, thread RD40x1/7", pack of 3	500164/3

TYPE: A2B2E2K2P3, COLOUR CODE: ○ ● ● ● ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours, acid gases and vapours, ammonia and organic amines, particles.

Product description	Art. No.
Filter A2B2E2K2P3, thread RD40x1/7", pack of 3	500168/3
Filter A2B2E2K2P3, thread RD40x1/7" pack of 30 pcs	500168/30*
Filter A2B2E2K2P3 ZERO, with two threads RD40x1/7", pack of 3	500268/3

* Without filter covers

TYPE: A2B2E2K2HgP3, COLOUR CODE: ○ ● ● ● ● ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours, acid gases and vapours, ammonia and organic amines, mercury compounds and vapours, particles.

Product description	Art. No.
Filter A2B2E2K2HgP3, thread RD40x1/7", pack of 3	500166/3

SPECIAL FILTERS

NBC

Provide protection against a combination of contaminants in the form of gases, vapours and solid particles. EN 14387, EN 12941, EN 12942.

TYPE: NBC – A2B2E2K2P3 • COLOUR CODE: ○ ● ● ● ● ●

Areas of application: organic gases and vapours with a boiling point above 65 °C, inorganic gases and vapours, acid gases and vapours, ammonia and organic amines, particles. Apart from the above, it provides protection against certain warfare agents. For more details please contact our sales team.

Product description	Art. No.
Filter NBC – A2B2E2K2P3, thread RD40x1/7", pack of 3	500165X/3
Filter NBC – A2B2E2K2P3, with two threads RD40x1/7", pack of 3	500265X/3

COMBINED FILTERS – CLASS 3

Provide protection against a combination of contaminants in the form of gases, vapours and solid particles. EN 12941, EN 12942.

TYPE: A3AXP3, COLOUR CODE: ○ ●

Areas of application: organic gases and vapours with a boiling point bellow 65 °C, organic gases and vapours with a boiling point above 65 °C, particles.

Product description	Art. No.
Filter A3AXP3, thread RD40x1/7"	500170

Ready 2 Weld sets
Ready 2 Work sets

1 READY 2 WORK SET OMNIRA AIR + AERGO®

Face shield Omnira air & CleanAIR® AerGO® including particle filters, comfort belt, battery, charger, QL hose and welding gloves. Packed in duffel bag.

Product description	Art. No.
Ready 2 Work set – Omnira air + AerGO®	303100

2 READY 2 WORK SET OMNIRA AIR + BASIC

Face shield Omnira air & CleanAIR® Basic including particle filter, comfort belt, battery, charger, QL hose and welding gloves. Packed in duffel bag.

Product description	Art. No.
Ready 2 Work set – Omnira air + Basic	813100

3 | READY 2 WELD SET
OMNIRA COMBI AIR + AERGO®

Welding helmet Omnira COMBI air & CleanAIR® AerGO® including
particle filters, comfort belt, battery, charger, QL hose and welding gloves.
Packed in duffel bag.

Product description	Art. No.
Ready 2 Weld set – Omnira COMBI air + Basic	303201

4 | READY 2 WELD SET
OMNIRA COMBI AIR + BASIC

Welding helmet Omnira COMBI air & CleanAIR® Basic including
particle filter, comfort belt, battery, charger, QL hose and welding gloves.
Packed in duffel bag.

Product description	Art. No.
Ready 2 Weld set – Omnira air + Basic	813201

5 **READY 2 WELD SET
VERUS AIR + AERGO®**

Welding helmet Verus air & CleanAIR® AerGO® including particle filters, comfort belt, battery, charger, QL hose and welding gloves. Packed in duffel bag.

Product description	Art. No.
Ready 2 Weld set – Omnira COMBI air + Basic	303001

6 **READY 2 WELD SET
VERUS AIR + BASIC**

Welding helmet Verus air & CleanAIR® Basic including particle filter, comfort belt, battery, charger, QL hose and welding gloves. Packed in duffel bag.

Product description	Art. No.
Ready 2 Weld set – Omnira air + Basic	813001

7 READY 2 WORK SET UNIMASK® + AERGO®

Face shield UniMask® with grey textile face seal & CleanAIR® AerGO® including particle filters, comfort belt, battery, charger, QL hose and KlarPilot Comfort. Packed in transport case.

Product description	Art. No.
Ready 2 Work set – UniMask® + AerGO®	300300.01

8 READY 2 WORK SET UNIMASK® + CHEMICAL 2F

Face shield UniMask® with neoprene face seal & CleanAIR® Chemical 2F including particle filters, comfort belt, battery, charger, QL hose and KlarPilot Comfort. Packed in transport case.

Product description	Art. No.
Ready 2 Work set – UniMask® + Basic	510348.08

READY 2 WELD SET
AERTEC™ OPTOMAX + AERGO®

READY 2 WELD SET
AERTEC™ OPTOMAX + BASIC

Welding helmet OptoMAX & CleanAIR® AerGO® including particle filters, comfort belt, battery, charger, QL hose and welding gloves. Packed in duffel bag.

Welding helmet OptoMAX & CleanAIR® Basic including particle filter, comfort belt, battery, charger, QL hose and welding gloves. Packed in duffel bag.

Product description	Art. No.
Ready 2 Weld - AerTEC™ OptoMAX + AerGO®	30.4441.601

Product description	Art. No.
Ready 2 Weld - AerTEC™ OptoMAX + Basic	81.4441.601

Accessories

1 COMFORT PADDED BELTS & HARNESSES

Comfort belt Super
(Basic, 2F)

Comfort belt Standard
(Basic/Pressure)

Leather belt
CA AerGO®

Comfort belt
CA AerGO®

Comfort harness
for CA Chemical 2F/3F

Product description	Art. No.
Comfort belt Super (Basic, 2F)	710092
Comfort belt Standard (Basic/Pressure)	710093
Comfort belt CA AerGO®	300092
Comfort belt 3F	520043.1
Leather comfort belt Super (Basic, 2F)	720092
Leather comfort belt CA Basic	720093
Leather belt CA AerGO®	320092
Comfort harness for CA Chemical 2F/3F	520044.1
Belt extender, extend your belt by up to 30 cm	710099*

*Compatible with all belts except of leather ones

2 DECONTAMINABLE BELTS & HARNESSES

Decontaminable harness PVC – 2F

Decontaminable harness PVC – 3F

Decontaminable belt PVC – 2F/3F

Product description	Art. No.
Decontaminable belt PVC – 2F/3F	510051
Decontaminable harness PVC – 2F	510052
Decontaminable harness PVC – 3F	520052

3 AIR HOSES

Light flexible hoses with QuickLOCK™ locking system for safe and fast connection of the full range of CleanAIR® headtops except of masks.

Product description	Art. No.
Light flexi hose (QuickLOCK™ - CA40x1/7")	710060
Light flexi hose (QuickLOCK™ - CA40x1/7" extended)	710060L
Rubber hose (QuickLOCK™ - CA40x1/7")	710086
Rubber hose (QuickLOCK™ - CA40x1/7" extended)	710086L

Mask only compatible hoses:

Product description	Art. No.
Light flexi hose CA40x1/7"- CA40x1/7"	700060
Rubber hose CA40x1/7"- CA40x1/7"	700086CA
Rubber hose CA40x1/7"- CA40x1/7" extended	700086L
Rubber hose CA40x1/7"- CA40x1/7" 90°	700086R
Rubber hose CA40x1/7"- CA40x1/7" 90° extended	700086RL

4 DECONTAMINATION SET FOR CHEMICAL 2F/3F

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

Product description	Art. No.
Decontamination set 2F – 2× plug with external thread, 1× cap with internal thread	510046
Decontamination set 3F - 3× plug with external thread, 1× cap with internal thread	520046

5 PRESSURE HOSES

Product description	Art. No.
Standard pressure hose for CA Pressure – 10 m	610030
Standard pressure hose for CA Pressure – 25 m	610038
Standard pressure hose for CA Pressure – 50 m	610039
Anti-static pressure hose for CA Pressure – 10 m	610031
Anti-static pressure hose for CA Pressure – 25 m	610033
Anti-static pressure hose for CA Pressure – 50 m	610034
Spiral pressure hose for CA Pressure – 10 m	610046

6 DECONTAMINATION FILTER COVER

Protects the filter against water during decontamination process

Product description	Art. No.
Decontamination filter cover	580013

7 HEAD AND NECK PROTECTION

Made from flame retardant fabric protect the wearer from hot sparks and welding spatter. Universal pattern for most of welding hoods and headbands.

Product description	Art. No.
Head cover	164000
Protective neck cover	169000

Accessories

8   WELDING GLOVES MIG/MAG AERTEC™ AT-110

Made from high quality cowsplit leather,
with wing thumb and reinforced seams.
Jersey lining to palm, with cotton lining
to cuff, kevlar stitched.
Certification: EN 12477 B, EN 368 – 2112X,
EN 407 – 41XX4X

Product description	Art. No.
Welding gloves MIG/MAG AerTEC™ AT110 size 10	ATO110010
Welding gloves MIG/MAG AerTEC™ AT110 size 11	ATO110011

9   WELDING GLOVES TIG AERTEC™ AT-220

Made from high quality sheep skin. The gunn cut
pattern with straight thumb makes easy tog rip
objects and the wraparound first finger ensures
greater abrasion resistance and dexterity.
Certification: EN 12477 A, EN 368 – 4244X,
EN 407 – 413X4X

Product description	Art. No.
Welding gloves TIG AerTEC™ AT220 size 09	ATO220009
Welding gloves TIG AerTEC™ AT220 size 10	ATO220010
Welding gloves TIG AerTEC™ AT220 size 11	ATO220011

10   VARICAP

NEW IN PORTFOLIO

Upgrade your safety gear with
CleanAIR VariCap – the perfect
bump cap that perfectly fits our
light hoods and welding portfolio,
including Verus, Omnira Combi,
and Omnira.

Stay protected while working
confidently with this practical
and easy-to-use bump cap. Its
smart design ensures a secure
fit, making it a must-have
addition to your safety gear.

Varicap and Verus   *Varicap and CA-10*

Product description	Art. No.
CleanAIR VariCap, including headgear with paddings	720030
CleanAIR VariCap, w/o headgear	720031

SUNFIBRE® ACTIVE LIGHTING

Don't compromise on safety – equip your workforce with SUNFIBRE® attaching seamlessly to their back harness carrying the PAPR system, while powered by a convenient power bank.

SUNFIBRE® Active Lighting Technology dramatically improves worker visibility. From night construction projects to round-the-clock critical infrastructure services, SUNFIBRE® sets a new standard for safety and workflow efficiency.

SUNFIBRE® Technology is industrial-wash tested, very durable, flexible, has 30 hours or more of operating time.

Product description	Art. No.
SunFibre Hi-Vis set (active lighting, power bank, pocket)	710050
SunFibre Hi-Vis active lighting	710051
Harness pocket for SunFibre	710052
Power Bank ONPOWER 4000 mAh	710053
Harness hose holder	710071

NEW
IN PORTFOLIO

Product code table

Omnira COMBI air

Code	Description
405161	Auto-darkening welding filter AerTEC S60F, 3/5-8/9-14, for FlipUp
703071	Protective head cover, flame retardant (Verus, Omnira)
703072	Protective neck cover, flame retardant (Verus, Omnira)
703073	Protective head&neck cover, flame retardant (Verus, Omnira)
703074*	Protective head cover, leather
703075*	Protective neck cover, leather
703201	Welding helmet CleanAIR® Omnira COMBI air, incl. ADF S60F 5-8/9-14 incl. air distribution
703292	Spare flip-up welding shield CleanAIR® Omnira COMBI, compatible with ADF S60F
703293	Spare flip-up welding shield CleanAIR® Omnira COMBI, compatible with passive filter
703297	Helmet shell CleanAIR® Omnira COMBI air, w/o headgear, w/o ADF, incl. mounting set
718399	Retaining spring 110x90 mm
729000	Spare protective visor TR1, clear
729001	Spare protective visor TR1, yellow
729003	Spare protective visor TR1, shade 3
729005	Spare protective visor TR1, shade 5
*100/65	Protection plate inner (VERUS, Omnira COMBI, SUMMIT), pck of 10
135160	Battery 3V for AerTEC S60, S60+, S60F ADF
703060	Face seal CleanAIR® Verus air, Omnira air
704080	Protection plate outer (VERUS, Omnira COMBI, CA-40), pck of 10
720010	Headgear VariGEAR Comfort incl. sweatband and paddings, w/o mounting set
720010.92	VariGear mounting set (Omnira, SUMMIT)
720014	Rear padding VariGEAR
720015	VariGEAR sweatband (pck of 2)
720016	Upper padding VariGEAR
720017	VariGEAR comfort set (set of sweatbands and paddings)
720018	Hose holder VariGEAR
720019	Helmet holder
720030	CleanAIR VariCap, including headgear with paddings
720031	CleanAIR VariCap, w/o headgear

Omnira COMBI

Code	Description
403201	Welding helmet CleanAIR Omnira COMBI, incl. ADF S60F 5-8/9-14, w/o air distribution
403200	Welding helmet CleanAIR Omnira COMBI, w/o air distribution, w/o ADF
403297	Helmet shell CleanAIR Omnira COMBI, w/o headgear, w/o air distribution, w/o ADF
405161	Auto-darkening welding filter AerTEC S60F, 3/5-8/9-14, for FlipUp
403060	Protective accessory holder (Verus, Omnira)
703071	Protective head cover, flame retardant (Verus, Omnira)
703072	Protective neck cover, flame retardant (Verus, Omnira)
703073	Protective head&neck cover, flame retardant (Verus, Omnira)
703074*	Protective head cover, leather
703075*	Protective neck cover, leather
703292	Spare flip-up welding shield CleanAIR® Omnira COMBI, compatible with ADF S60F
703293	Spare flip-up welding shield CleanAIR® Omnira COMBI, compatible with passive filter
718399	Retaining spring 110x90 mm
729000	Spare protective visor TR1, clear
729001	Spare protective visor TR1, yellow
729003	Spare protective visor TR1, shade 3
729005	Spare protective visor TR1, shade 5
*100/65	Protection plate inner (VERUS, Omnira COMBI, SUMMIT), pck of 10
135160	Battery 3V for AerTEC S60, S60+, S60F ADF
720010	Headgear VariGEAR Comfort incl. sweatband and paddings, w/o mounting set
704080	Protection plate outer (VERUS, Omnira COMBI, CA-40), pck of 10
720010.92	VariGear mounting set (Omnira, SUMMIT)
720014	Rear padding VariGEAR
720015	VariGEAR sweatband (pck of 2)
720016	Upper padding VariGEAR
720017	VariGEAR comfort set (set of sweatbands and paddings)
720018	Hose holder VariGEAR
720019	Helmet holder
720030	CleanAIR VariCap, including headgear with paddings
720031	CleanAIR VariCap, w/o headgear

Omnira air

Code	Description
703100	Protective faceshield Omnira air, incl. headgear and air distribution
729000	Spare protective visor TR1, clear
729001	Spare protective visor TR1, yellow
729003	Spare protective visor TR1, shade 3
729005	Spare protective visor TR1, shade 5
729090	Spare protective visor TR1, clear, aPA, chemically resistant
729100	Spare protective visor CR1, clear Cellulose Propionate, cylindrical
729101	Spare protective visor CR1, clear Polycarbonate, cylindrical
703060	Face seal CleanAIR® Verus air, Omnira air
720010	Headgear VariGEAR Comfort incl. sweatband and paddings, w/o mounting set
720010.92	VariGear mounting set (Omnira, SUMMIT)
720014	Rear padding VariGEAR
720015	VariGEAR sweatband (pck of 2)
720016	Upper padding VariGEAR

Verus air

Code	Description
702074	Magnifying lens 1D, 107/51 mm
702075	Magnifying lens 1,5D, 107/51 mm
702076	Magnifying lens 2D, 107/51 mm
702077	Magnifying lens 2,5D, 107/51 mm
703001	Welding helmet CleanAIR® Verus air incl. ADF 5-8/9-14 and headgear
703071	Protective head cover, flame retardant (Verus, Omnira)
703072	Protective neck cover, flame retardant (Verus, Omnira)
703073	Protective head&neck cover, flame retardant (Verus, Omnira)
703074*	Protective head cover, leather
703075*	Protective neck cover, leather
703078	Magnifying lens holder CA Verus
718399	Retaining spring 110x90 mm
*100/65	Protection plate inner (Verus, Omnira COMBI, SUMMIT), pck of 10
135160	Battery 3V for AerTEC S60 ADF
405162	Auto-darkening welding filter AerTEC S60+, 3/5-8/9-14
703060	Face seal CleanAIR® Verus air, Omnira air
703097	Helmet shell CleanAIR® Verus air w/o headgear, w/o ADF, incl. mounting set
704080	Protection plate outer (Verus, Omnira COMBI, CA-40), pck of 10
720010	Headgear VariGEAR Comfort incl. sweatband and paddings, w/o mounting set
720010.90	VariGear mounting set (Verus)
720014	Rear padding VariGEAR
720015	VariGEAR sweatband (pck of 2)

Protection film for visors CR1 (UniMask, Omnira), pck of 10 pcs — 729120/10

720016	Upper padding VariGEAR
720017	VariGEAR comfort set (set of sweatbands and paddings)
720018	Hose holder VariGEAR
720019	Helmet holder VariGEAR
720030	CleanAIR VariCap, including headgear with paddings
720031	CleanAIR VariCap, w/o headgear

Verus

403001	Welding helmet CleanAIR Verus, incl. ADF 5-8/9-14 and headgear
702074	Magnifying lens 1D, 107/51 mm
702075	Magnifying lens 1,5D, 107/51 mm
702076	Magnifying lens 2D, 107/51 mm
702077	Magnifying lens 2,5D, 107/51 mm
403060	Protective accessory holder (Verus, Omnira)
703071	Protective head cover, flame retardant (Verus, Omnira)
703072	Protective neck cover, flame retardant (Verus, Omnira)
703073	Protective head&neck cover, flame retardant (Verus, Omnira)
703074	Protective head cover, leather
703075	Protective neck cover, leather
703078	Magnifying lens holder CA Verus
718399	Retaining spring 110x90 mm
*100/65	Protection plate inner (Verus, Omnira COMBI, SUMMIT), pck of 10
135160	Battery 3V for AerTEC S60 ADF
405162	Auto-darkening welding filter AerTEC S60+, 3/5-8/9-14
704080	Protection plate outer (Verus, Omnira COMBI, CA-40), pck of 10
720010	Headgear VariGEAR Comfort incl. sweatband and paddings, w/o mounting set
720010.90	VariGear mounting set (Verus)
720014	Rear padding VariGEAR
720015	VariGEAR sweatband (pck of 2)
720016	Upper padding VariGEAR

720017	VariGEAR comfort set (set of sweatbands and paddings)
720018	Hose holder VariGEAR
720019	Helmet holder VariGEAR
720030	CleanAIR VariCap, including headgear with paddings
720031	CleanAIR VariCap, w/o headgear

AerTEC™ OptoMAX

40.1006.500	Welding helmet AerTEC OptoMAX incl. ADF, w/o air distribution
40.1006.501	optoMAX helmet (SN 4/5-13 Autopilot) - black
40.4160.000	Faceseal for AerTEC OptoMAX
40.5000.001	Inside cover lens AerTEC OptoMAX/e684 (set of 5)
40.5000.212	Front cover lens AerTEC OptoMAX/e684 (set of 5)
40.5003.250	Comfort head band - black, black, AerTEC RangeMAX/OptoMAX/SeeMAX
40.5004.020	Sweatband back for AerTEC RangeMAX/SeeMAX/Optomax (2 pc)
40.5012.480	Replacement cartridge AerTEC OptoMAX (SN 4/5-13 Autopilot)
5000.050	Magnifying lens, 1.0 - OptoMAX
5000.051	Magnifying lens, 1.5 - OptoMAX
5000.052	Magnifying lens, 2.0 - OptoMAX
5000.053	Magnifying lens, 2.5 - OptoMAX
70.4241.007	PAPR helmet shell AerTEC OptoMAX w/o ADF - black
70.4441.600	Welding helmet AerTEC OptoMAX Air incl. ADF with air distribution
70.4441.601	Welding helmet AerTEC OptoMAX Air incl. ADF with air distribution
70.4441.684	PAPR helmet shell AerTEC OptoMAX w/o ADF - silver
81.4441.601	Ready 2 Weld set OptoMAX + CA Basic incl. MIG/MAG gloves, duffel bag
30.4441.600	Ready 2 Weld set OptoMAX silver + CA AerGO® incl. MIG/MAG gloves, duffel bag
30.4441.601	Ready 2 Weld set OptoMAX black + CA AerGO® incl. accessories, MIG/MAG gloves, duffel bag
40.5004.073	Sweatband front for AerTEC RangeMAX/SeeMAX/Optomax (2 pc)

SUMMIT

703400	Welding helmet AerTEC SUMMIT air incl. headgear and face seal, w/o ADF
720020	VariGEAR Airduct - headgear incl. airduct
*100/65	Protection plate inner (VERUS, Omnira COMBI, SUMMIT), pck of 10
*110/90/1	Protection plate outer, 110x90, pck of 10
135160	Battery 3V for AerTEC S60 ADF
403401	Welding helmet AerTEC SUMMIT, 5-8/9-13
403497	Helmet shell AerTEC SUMMIT w/o headgear, w/o ADF
405160	Auto-darkening welding filter AerTEC S60, 3/5-8/9-13
702153	Faceseal for welding helmet - universal
703401	Welding helmet AerTEC SUMMIT air incl. headgear and ADF 5-8/9-13
720010	Headgear VariGEAR Comfort incl. sweatband and paddings, w/o mounting set
720010.92	VariGear mounting set (Omnira, SUMMIT)
720015	VariGEAR sweatband (pck of 2)
720017	VariGEAR comfort set (set of sweatbands and paddings)

CA-27 YOGA

402701	Welding helmet AerTEC YOGA
402797	Helmet shell AerTEC YOGA, w/o head gear
405100	Auto-darkening welding filter AerTEC X100, 9-13
405110	Auto-darkening welding filter AerTEC X110 true colour
702701	Welding helmet CA-27 YOGA incl. ADF AerTEC X100, 9-13
702741	Headgear AerTEC YOGA, comfort, XD-HG4
702797	Helmet shell CA-27 YOGA incl. headgear and air distribution
812701	Welding set CA-27 YOGA ADF 9-13 + CleanAIR® Basic
*106/58	Protection foil 106x58 mm (AerTEC YOGA) - inner, pack of 10 pcs
*114/104	Protection foil 114,5x104 (AerTEC YOGA) - outer, pack of 10 pcs

402701TC	Welding helmet AerTEC YOGA, ADF with True Colour
702701TC	Welding helmet CA-27 YOGA incl. ADF AerTEC X110 True Colour
812701TC	Welding set CA-27 YOGA ADF 9-13TC + CleanAIR® Basic

CA-28 Euromaski

402800	Welding hood CA-28 Euromaski, shade 1,7 + 8, w/o air distribution
702800	Welding hood CA-28 Euromaski, shade 1,7 + 8, incl. air distribution
702801	Welding hood CA-28 Euromaski, shade 1,7 + 10, incl. air distribution
702802	Welding hood CA-28 Euromaski, shade 3 + 8, incl. Air distribution
4028-201	Flip-Up visor frame CA-28 Euromaski
4028-202	Main visor CA-28 Euromaski - shade 1,7
4028-203	Main visor CA-28 Euromaski - shade 3
4028-204	Main visor CA-28 Euromaski - shade 5
4028-205	Flip-Up visor CA-28 Euromaski - shade 8
4028-206	Flip-Up visor CA-28 Euromaski - shade 10
4028-207	Mounting screws for the flip-up visor CA-28 Euromaski
4028-209	Locking pin for the main visor CA-28 Euromaski
4028-215	Headband parts
4028-216	Flip-Up visor CA-28 Euromaski - shade 5
4028-219	Main visor CA-28 Euromaski - transparent
4028-2191	Main visor, smoky 2 – 1,7 (not for welding!)
4028-2200	VR-1 welding filter CA-28 Euromaski - shade 10
4028-224	Flip-Up visor CA-28 Euromaski - shade 9
4028-225	Flip-Up visor CA-28 Euromaski - shade 11
4028-2300	VR-1 welding filter CA-28 Euromaski - shade 12

ARES II

660000	CleanAIR® Pressure Ares - unit with belt and flow indicator
660090	CleanAIR® ARES - flow indicator
718310	CleanAIR® ARES II - hard hat BIOT for both versions

718311	CleanAIR® ARES II - hard hat fixing set
718330	CleanAIR® ARES II - spare inlet pressure hose
718341	CleanAIR® ARES II - headband for both versions
718344	CleanAIR® ARES II - spare adjustable back strap
718345	Earmuffs OPTIME II - ARES compatible
718350	CleanAIR® ARES II - air distribution
718351	CleanAIR® ARES II - air distribution holder
718355	CA Ares II, T-piece for air distributor
718360	CleanAIR® ARES II leather welding hood, visor 110x60, removable hard hat
718367	CleanAIR® ARES II - spare welding visor 110x60 including grinding frame
718368	CleanAIR® ARES II - spare welding visor 110x60, w/o grinding frame
718369	CleanAIR® ARES II - spare spring for visor 110x60
718390	CleanAIR® ARES II leather welding hood, visor 110x90, removable hard hat
718397	CleanAIR® ARES II - spare welding visor 110x90 including grinding frame
718398	CleanAIR® ARES II - spare welding visor 110x90, without grinding frame
718399	CleanAIR® ARES II - spare spring for visor 110x90
660000W	CleanAIR® Pressure Ares - unit only
718316/10	CleanAIR® ARES II - spare sweatband (10pcs)
718340-60	CleanAIR® ARES II - 110x60 spare leather welding hood
718340-90	CleanAIR® ARES II - 110x90 spare leather welding hood

CA-40, CA-40G, CA-40GW

405025	Auto-darkening welding filter Balder V9-13 ADC
405100	Auto-darkening welding filter AerTEC X100, 9-13
405110	Auto-darkening welding filter AerTEC X110 true colour, 9-13
704000	Helmet CA - 40 with welding visor
704002	CA-40 welding visor
704040	Earmuffs for helmet, no.8

704043	Fixing screws 2pcs.
704044	Sweatband for CA-40 pack of 10 pcs
704060	CA-40 faceseal
704061	Chin strap for safety helmet CA-40
704065	Neck and throat protection for CA-40
704069	Metal pin 3x20 for CA-40, CA-40G, CA-40GW
704080	CA-40 protection plate outside (pack of 10pcs)
704100	Safety helmet CA-40 with grinding visor
704102	Spare grinding visor for CA-40 - cylindrical
704103	Spare grinding visor for CA-40, class 1, transparent
704104	Spare grinding visor for CA-40, class 1, yellow
704105	Spare grinding visor for CA-40, class 1, shade 4
704106	Spare grinding visor for CA-40, class 1, shade 5
704120	Protection film for grinding visor CA-40 (pack of 10pcs)
704200	Safety helmet CA-40GW with welding and grinding shield
704201	Safety helmet CA-40 with two visors, welding + grinding, incl. ADF V9-13
704202	Welding shield CA-40 for combination with grinding visor
714040	Earmuffs for CA-40, no.8, Secure 1C
714041	Earmuffs for CA-40, no. 10, Secure 2C
714042	Earmuffs for CA-40, no. 12, Secure 3C
*108/51	Protection plate 108x51 mm, pack of 10 pcs
704041x	Headband for CA-40 helmet
704041x.1	Headband holder for CA-40 (set of 4 pcs including screws)
704065L	Neck and throat protection for CA-40, leather
704100x	Safety helmet CA-40 with grinding visor - cylindrical
704001	Safety helmet CA-40 with welding visor and with ADF V9-13

UniMask®

720310	UniMask®frame, w/o visor, w/o face seal
720340	Headband UniMask
720345	Head harness UniMask 5-point
720360	Protective hood UniMask, short
720361	Protective hood UniMask, long
720362	Protective hood UniMask, washable fabric
729000	Spare protective visor TR1, clear (720330)
729000	Spare protective visor TR1, clear
729001	Spare protective visor TR1, yellow (720330.01)
729001	Spare protective visor TR1, yellow
729003	Spare protective visor TR1, shade 3 (720330.02)
729003	Spare protective visor TR1, shade 3
729005	Spare protective visor TR1, shade 5 (720330.03)
729005	Spare protective visor TR1, shade 5
729090	Spare protective visor TR1, clear, aPA, chemically resistant
729100	Spare protective visor CR1, clear Cellulose Propionate, cylindrical
729101	Spare protective visor CR1, clear Polycarbonate, cylindrical
300300.01	Ready 2 Work set - CA AerGO&UniMask®in transport case
510348.08	Ready 2 Work set - CA Chemical 2F&UniMask®in transport case
720300.51	Protective face shield UniMask, 5-point harness, grey
720300.58	Protective face shield UniMask, 5-point harness, neoprene
720392.51	Protective face shield UniMask, 5-point harness, CR1 visor PC, grey
720392.58	Protective face shield UniMask, 5-point harness, CR1 visor PC, neoprene
720300.01	Protective face shield UniMask, grey
720300.02	Protective face shield UniMask, blue
720300.03	Protective face shield UniMask, orange
720300.04	Protective face shield UniMask, red

720300.08	Protective face shield UniMask, neoprene
720350.01	Face seal UniMask, grey
720350.02	Face seal UniMask, blue
720350.03	Face seal UniMask, orange
720350.04	Face seal UniMask, red
720350.08	Face seal UniMask, neoprene
729120/10	Protection film for visor CR1, pack of 10 pcs

Light headtops CA-1, CA-2, CA-10

720001	Headgear for light hoods CleanAIR, adjustable
720101	Short hood CA-1 Lite
720102	Short hood CA-1, orange
720112	Short hood CA-1+, orange
720201	Long hood CA-2 lite
720202	Long hood CA-2, orange
721002	Long protective hood CA-10, chemically resistant
700120/10	Protection film self-adhesive for hoods CA-1,2,4,10 - 10 pcs
700120/10	Protection film self-adhesive for hoods CA-1,2,4,10 - 10 pcs
720102B	Short hood CA-1, blue
720112B	Short hood CA-1+, blue
720191/30	Spare short hood CA-1 lite, (w/o headband, incl. connector) pck of 30pcs
720202B	Long hood CA-2, blue
720291/15	Spare long hood CA-2 lite, (w/o headband, incl. connector) pck of 15pcs
721002G	Long protective hood CA-10, chemically resistant, grey (Tychem F)
720030	CleanAIR VariCap, including headgear with paddings
720031	CleanAIR VariCap, w/o headgear

Fullface masks GX–02, CF–02

710620	Visor protection film GX02
710670	Visor assembly with exhalation valves
710671	Visor frame (top & bottom)
710680	Head harness for GX02

710691	Inhalation valves for inner mask GX02 (pack of 5 pc)
710695	Inhalation valve set (5 membranes + 1 gasket)
710696	Exhalation valve set (5 membranes + 1 valve cover)
710697	Front cover GX-02
710600L	Full face mask GX02, size L
710600M	Full face mask GX02, size M
710600S	Full face mask GX02, size S
710690L	Inner mask incl. inner valves for GX-02, size 'L'
710690M	Inner mask incl. inner valves for GX-02, size 'M'
710690S	Inner mask incl. inner valves for GX-02, size 'S'
710695A	Inhalation valve membrane for GX02 (41204), pack of 5pcs
710695B	Inhalation valve seat / gasket for GX02 (41210)
720620	Visor protection film CF02
720680	Head harness for CF02
720695	Inhalation valve membranes CF02, (set of 5 pcs)
720696	Exhalation valve set CF02 (membranes 5pcs + valve cover 1pc)
720600L	Full face mask CF-02, size L
720600M	Full face mask CF-02, size M
720690L	Inner mask incl. inner valves for CF02, size 'L'
720690M	Inner mask incl. inner valves for CF02, size 'M'

Panoramate Lite

700055	Garment grommet RD40x1/7'
500249/5	Filter ZERO, with two threads RD40x1/7"
500257/3	Filter A2P3 ZERO, with two threads RD40x1/7", pack of 3
500265X/3	Filter NBC - A2B2E2K2P3, with two threads RD40x1/7", pack of 3
500268/3	Filter A2B2E2K2P3 ZERO, with two threads RD40x1/7", pack of 3
922550L	CleanAIR® Panoramate 2550 lite, Protective Coverall, type 4,5,6, size L

922550M	CleanAIR® Panoramate 2550 lite, Protective Coverall, type 4,5,6, size M
922550S	CleanAIR® Panoramate 2550 lite, Protective Coverall, type 4,5,6, size S
922550XL	CleanAIR® Panoramate 2550 lite, Protective Coverall, type 4,5,6, size XL
922550XXL	CleanAIR® Panoramate 2550 lite, Protective Coverall, type 4,5,6, size XXL
923550L	CleanAIR® Panoramate 3550 lite, Protective Coverall, type 3,4,5,6 size L
923550M	CleanAIR® Panoramate 3550 lite, Protective Coverall, type 3,4,5,6 size M
923550S	CleanAIR® Panoramate 3550 lite, Protective Coverall, type 3,4,5,6 size S
923550XL	CleanAIR® Panoramate 3550 lite, Protective Coverall, type 3,4,5,6 size XL
923550XXL	CleanAIR® Panoramate 3550 lite, Protective Coverall, type 3,4,5,6 size XXL

AerGO®

300015	Prefilter CA AerGO® - set of 10 pcs
300020	Spark arrester CA AerGO® - set of 10 pcs
300025	Odour filter CA AerGO® - set of 10 pcs
300030	Filter cover, spark arrester, prefilters (2+2+2 pc)
300092	Comfort belt CA AerGO
300357	Filter AerGO® A1P R SL (pack of 2 pcs)
300093	Comfort belt and harness CA AerGO
300094	Comfort harness (Basic, AerGO)
300095	Comfort belt for harness (AerGO)
300364	Filter AerGO® A1B1E1P R SL - OZONE (pack of 2 pcs)
300368	Filter A1B1E1K1P R SL - OZONE, thread TR110 (pack of 2 pcs)
310013	Battery CA AerGO, Li-Ion (14,4V / 2,6Ah)
310023	Battery CA AerGO® Heavy Duty, Li-Ion (14,4V / 5,5Ah
310030	AerGO® charger (multi-plug)
320092	Leather comfort belt CA AerGO
300000L	CleanAIR® AerGO® with leather belt, battery, charger, Ql hose, PRSL filters
300000LA	CleanAIR® AerGO® with leather belt, battery, charger, set of filters PRSL

300000LH	CleanAIR® AerGO® with leather belt, Heavy duty battery, charger, QL hose, ABEPRSL filters
300000LHA	CleanAIR® AerGO® with leather belt, Heavy duty battery, charger, ABEPRSL filters
300000P	CleanAIR® AerGO® incl. comfort belt, battery, charger, QL hose, PRSL filters
300000PA	CleanAIR® AerGO® with accessories,comfort belt, battery, charger, set of filters
300000PHA	CleanAIR® AerGO® with comfort belt, Heavy duty battery, charger, ABEPRSL filters
300000W.1	CleanAIR® AerGO® - unit only w/o battery
300010/2	Filter CA AerGO® P R SL (pack of 2 pairs)
300015/50	Prefilter CA AerGO® - set of 50 pcs
300025/50	Odour filter CA AerGO® - set of 50 pcs

Basic

710030	CleanAIR® Basic, battery charger
710092	Comfort belt Super (Basic, 2F)
710093	Comfort belt Standard
720093	Leather comfort belt CA Basic
810015	CleanAIR® Basic pre-filter (pack of 10pcs)
810017	Battery CA Basic, Li-Ion (7,2V / 5,2Ah)
810020	CleanAIR® Basic odour filter (pack of 10pcs)
810030	CleanAIR® Basic, filter cover
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.
810000L	CleanAIR® Basic incl. Li-Ion battery, charger, comfort leather belt, QL hose, flow indicator
810000LA	CleanAIR® Basic incl. Li-Ion battery, charger, comfort leather belt, flow indicator
810000P	CleanAIR® Basic incl. Li-Ion battery, charger, comfort belt, QL hose, flow indicator
810000PA	CleanAIR® Basic incl. Li-Ion battery, charger, comfort belt, flow indicator
810000W.1	CleanAIR® Basic unit only w/o battery

Chemical 2F

500109	Pre-filter keeper
500110	Pre-filter for canister filters- 10 pcs prefilters + keeper
500112	Spark arrester for canister filters - 2pcs + 2 Pre-filter keepers (500109)
510000	CleanAIR® Chemical 2F plus - only unit with battery
510010	Battery CA Chemical 2F, Li-Ion (14,4V / 2,6Ah)
510020	Battery CA Chemical 2F Heavy Duty, Li-Ion (14,4V / 5,2Ah)
510046	Decontamination set for 2F
510051	Decontaminable belt PVC - 2F/3F
510052	Decontaminable harness PVC - 2F/3F
520010	Battery CA Chemical 3F, Li-Ion (14,4V / 2,6Ah)
520046	Decontamination set for 3F
520101	2F/3F TFT Display foil (pack of 5pcs)
580013	Rubber filter cover
700060	Light flexi hose CA40x1/7' - CA40x1/7' - mask compatible
710060	QuickLOCK Light flexi hose
710086	QuickLOCK Rubber hose
710092	Comfort belt Super (Basic, 2F)
720092	Leather comfort belt CA Chemical 2F
500110/50	Pre-filter for canister filters pack of 50 pcs, w/o keepers
510000FCA	CleanAIR® Chemical 2F - with comfort belt, indicator, charger euro plug
510000FDA	CleanAIR® Chemical 2F - included, decont. belt, flow indicator, charger
510000HCA	CleanAIR® Chemical 2F - incl. comfort belt, indicator, charger, HD battery
510000HDA	CleanAIR® Chemical 2F - incl. decont. belt, flow indicator, charger, HD battery
510000W.1	CleanAIR® Chemical 2F plus - unit only w/o battery
510015.1	Power adaptor 2F, 230V / 24V, for the main socket
510015.2	Power adaptor 2F, 24V / car power socket
510030AUS	Charger Li-ION 14,4 V, AUS plug

Code	Description
510030EUR	Charger Li-ION 14,4 V, EURO plug
510030UK	Charger Li-ION 14,4 V, UK plug
700062C	Hose cover chemical resistant
700086CA	Rubber hose CA40x1/7" - CA40x1/7' - mask compatible
700086L	Rubber hose CA40x1/7" - CA40x1/7' straight - 900mm
700086R	Rubber hose CA40x1/7" - CA40x1/7' 90° - mask compatible
700086RL	Rubber hose CA40x1/7" - CA40x1/7' 90° - long, mask compatible
710060L	QuickLOCK Light flexi hose, extended
710086L	QuickLOCK Rubber hose, extended

Chemical 2F Ex

Code	Description
500109	Pre-filter keeper
500110	Pre-filter for canister filters- 10 pcs prefilters + keeper
510010	Battery CA Chemical 2F, Li-Ion (14,4V / 2,6Ah)
510039	Battery charger cord extension
510046	Decontamination set for 2F
510051	Decontaminable belt PVC - 2F/3F
510052	Decontaminable harness PVC - 2F/3F
520101	2F/3F TFT Display foil (pack of 5pcs)
580013	Rubber filter cover
710060	QuickLOCK Light flexi hose
710086	QuickLOCK Rubber hose
500110/50	Set of pre-filters for canister filters (packed in 50 pcs)
510030AUS	Charger Li-ION 14,4 V, AUS plug
510030EUR	Charger Li-ION 14,4 V, EURO plug
510030UK	Charger Li-ION 14,4 V, UK plug
51E000	CleanAIR® Chemical 2F Ex - only unit with battery
51E000FD	CleanAIR® Chemical 2F Ex - incl. flexi hose QL, belt PVC, charger
51E000FDA	CleanAIR® Chemical 2F Ex - incl. belt PVC, charger, flow indicator
700062C	Hose cover chemical resistant
710060L	QuickLOCK Light flexi hose, extended
710086L	QuickLOCK Rubber hose, extended

MedicAER

Code	Description
510010	Battery CA Chemical 2F, Li-Ion (14,4V / 2,6Ah)
510020	Battery CA Chemical 2F Heavy Duty, Li-Ion (14,4V / 5,2Ah)
510046	Decontamination set for 2F
510051	Decontaminable belt PVC - 2F/3F
510052	Decontaminable harness PVC - 2F/3F
520000	CleanAIR® Chemical 3F - only unit with battery Li-Ion 14,4V / 2,6Ah
520010	Battery CA Chemical 3F, Li-Ion (14,4V / 2,6Ah)
520046	Decontamination set for 3F
520052	Decontaminable harness PVC - 3F
520101	2F/3F TFT Display foil (pack of 5pcs)
580013	Rubber filter cover
700060	Light flexi hose CA40x1/7' - CA40x1/7' - mask compatible
710060	QuickLOCK Light flexi hose
710086	QuickLOCK Rubber hose
710092	Comfort belt Super (Basic, 2F)
510030AUS	Charger Li-ION 14,4 V, AUS plug
510030EUR	Charger Li-ION 14,4 V, EURO plug
510030UK	Charger Li-ION 14,4 V, UK plug
51M000FC	CleanAIR® MedicAER with accessories packed in transport case
51M000FD	CleanAIR® MedicAER with belt and accessories
51M010	Battery CA MedicAER, Li-Ion (14,4V / 2,6Ah)
51M100FDH	Ready 2 Work set - CA MedicAER and CA-10, ABEKP3 filters, in duffel bag CA
51M100FDH.1	Ready 2 Work set - CA MedicAER and CA-10, P3 filters, in duffel bag CA
520044.1	Harness for CA Chemical 2F/3F comfort
700062C	Hose cover chemical resistant
700062C	Hose cover chemical resistant
700086CA	Rubber hose CA40x1/7" - CA40x1/7' - mask compatible
700086L	Rubber hose CA40x1/7" - CA40x1/7' straight - 900mm
700086R	Rubber hose CA40x1/7" - CA40x1/7' 90° - mask compatible
700086RL	Rubber hose CA40x1/7" - CA40x1/7' 90° - long, mask compatible
710060L	QuickLOCK Light flexi hose, extended
710086L	QuickLOCK Rubber hose, extended

Chemical 2F Asbest

Code	Description
500109	Pre-filter keeper
500110	Pre-filter for canister filters - 10 pcs prefilters + keeper
500112	Spark arrester for canister filters - 2pcs + 2 Pre-filter keepers (500109)
510010	Battery CA Chemical 2F, Li-Ion (14,4V / 2,6Ah)
510020	Battery CA Chemical 2F Heavy Duty, Li-Ion (14,4V / 5,2Ah)
510046	Decontamination set for 2F
510051	Decontaminable belt PVC - 2F/3F
510052	Decontaminable harness PVC - 2F/3F
520101	2F/3F TFT Display foil (pack of 5pcs)
580013	Rubber filter cover
700060	Light flexi hose CA40x1/7' - CA40x1/7' - mask compatible
500110/50	Set of pre-filters for canister filters (packed in 50 pcs)
510000ASD	CleanAIR® Chemical 2F Asbest - incl. decont. belt, flow indicator
510030AUS	Charger Li-ION 14,4 V, AUS plug
510030EUR	Charger Li-ION 14,4 V, EURO plug
510030UK	Charger Li-ION 14,4 V, UK plug
700062C	Hose cover chemical resistant
700086CA	Rubber hose CA40x1/7" - CA40x1/7' - mask compatible
700086L	Rubber hose CA40x1/7" - CA40x1/7' straight - 900mm
700086R	Rubber hose CA40x1/7" - CA40x1/7' 90° - mask compatible
700086RL	Rubber hose CA40x1/7" - CA40x1/7' 90° - long, mask compatible

Chemical 3F

Code	Description
500109	Pre-filter keeper
500110	Pre-filter for canister filters- 10 pcs prefilters + keeper
500113	Spark arrester for canister filters - 3pcs + 3 Pre-filter keepers (500109)
520000	CleanAIR® Chemical 3F - only unit with battery Li-Ion 14,4V / 2,6Ah
520010	Battery CA Chemical 3F, Li-Ion (14,4V / 2,6Ah)
520046	Decontamination set for 3F
520052	Decontaminable harness PVC - 3F
700060	Light flexi hose CA40x1/7' - CA40x1/7' - mask compatible
710060	QuickLOCK Light flexi hose
710086	QuickLOCK Rubber hose
500110/50	Pre-filter for canister filters pack of 50 pcs, w/o keepers
510030AUS	Charger Li-ION 14,4 V, AUS plug
510030EUR	Charger Li-ION 14,4 V, EURO plug
510030UK	Charger Li-ION 14,4 V, UK plug
520000FCA	CleanAIR® Chemical 3F - comfort belt, flow indicator, charger
520000FDA	CleanAIR® Chemical 3F - incl. decon. belt, flow indicator,charger
520043.1	3F belt comfort
520043.1	Comfort belt Chemical 3F
700062C	Hose cover chemical resistant
700086CA	Rubber hose CA40x1/7" - CA40x1/7' - mask compatible
700086L	Rubber hose CA40x1/7" - CA40x1/7' straight - 900mm
700086R	Rubber hose CA40x1/7" - CA40x1/7' 90° - mask compatible
700086RL	Rubber hose CA40x1/7" - CA40x1/7' 90° - long, mask compatible
710060L	QuickLOCK Light flexi hose, extended
710086L	QuickLOCK Rubber hose, extended

Asbest 2.0

Code	Description
590000	CleanAIR® Asbest 2.0 incl. indicator without battery an
590001	CleanAIR® Asbest 2.0 incl. battery and indicator, w/o filter
590002	CleanAIR® Asbest 2.0 incl. battery, filter, hose, charger, indicator
590004	CleanAIR® Asbest 2.0 incl. battery, charger, PRSL filter

590013	Exchangeable battery Li-Ion CA Asbest 2.0/D-bug 7,2 V / 2,6 Ah
590030	CleanAIR® Asbest 2.0/D-bug Li-Ion charger, multiplug
700097	Belt for Clean-air Asbest 2.0/D-bug, 40mm, incl. hose holder
560010/5	Filter P R SL, for CleanAIR® Asbest 2.0, pack of 5
560010/5	Filter P R SL, for CleanAIR® Asbest 2.0, pack of 5
560010/50	Filter P R SL, for CleanAIR Asbest 2.0, pack of 50pcs
560010/50	Filter P R SL, for CleanAIR Asbest 2.0, pack of 50pcs
590002T	CleanAIR® Asbest 2.0 incl. two batteries, filter, hose + holder, charger, belt and flow indicator
700087CA	Light flexi hose - CleanAIR® Asbest 2.0

Pressure, Pressure Flow Master, Conditioner

610010	Filter for CleanAIR® Pressure Conditioner
610024	CA CONDITIONER - sealing O-ring 139x3 (pack of 5pcs)
610028	CA CONDITIONER - sealing O-ring 30x4 (pack of 5pcs)
610030	Standard pressure hose CAP 10m
610031	Anti-static pressure hose CAP 10m
610033	Anti-static pressure hose CAP 25m
610034	Anti-static pressure hose CAP 50m
610038	Standard pressure hose CAP 25m
610039	Standard pressure hose CAP 50m
610046	Spiral pressure hose 6,5x10mm, length 10m (PU)
610050	CleanAIR® Pressure Conditioner with stand, incl. filter
610090	Control Gauge for CA Conditioner and CA Pressure
630000	CleanAIR® Pressure - belt and flow indicator
630010	Noise silencer CA Pressure
670000	CleanAIR® Pressure FlowMaster incl. comfort belt
710093	Comfort belt Standard

710095	Belt for CA Pressure
610030.1	Standard pressure hose CAP 10m, G3/8" - G3/8"
610031.1	Anti-static pressure hose CAP 10m, G3/8" - G3/8"

Pressure for Mask

650010	CA Pressure for mask - mask reduction + 1 filter P3
650030	CA Pressure for mask - spare hose
650000PC	CleanAIR® Pressure for mask, incl. P3 filter and comfort belt
650000PD	CleanAIR® Pressure for mask, incl. decont. rubber belt and P3 filter, w/o mask

Filters

500170	Filter A3AXP3, thread RD40x1/7', 1pc
500048/6	Filter P3, thread RD40x1/7', pack of 6
500048/60	Filter P3, thread RD40x1/7', bulk package of 60pcs
500156/3	Filter A2, thread RD40x1/7', pack of 3
500157/3	Filter A2P3, thread RD40x1/7' pack of 3 pcs
500157/30	Filter A2P3, thread RD40x1/7' pack of 30 pcs, w/o filter covers
500158/3	Filter A2B2, thread RD40x1/7', pack of 3
500159/3	Filter K2, thread RD40x1/7', pack of 3
500160/3	Filter K2P3, thread RD40x1/7', pack of 3
500161/3	Filter B2, thread RD40x1/7', pack of 3
500162/3	Filter B2P3, thread RD40x1/7', pack of 3
500163/3	Filter A2B2E2, thread RD40x1/7', pack of 3
500164/3	Filter A2B2E2P3, thread RD40x1/7', pack of 3
500165X/3	Filter NBC - A2B2E2K2P3, thread RD40x1/7', pack of 3
500166/3	Filter A2B2E2K2HgP3, thread RD40x1/7', pack of 3
500167/3	Filter A2B2P3, thread RD40x1/7', pack of 3
500168/3	Filter A2B2E2K2P3, thread RD40x1/7', pack of 3
500168/30	Filter A2B2E2K2P3, thread RD40x1/7' pack of 30 pcs, w/o filter covers

500169/3	Filter A2B2E2K2, thread RD40x1/7', pack of 3
500249/5	Filter ZERO, with two threads RD40x1/7', pack of 5
500265X/3	Filter NBC - A2B2E2K2P3, with two threads RD40x1/7', pack of 3
500268/3	Filter A2B2E2K2P3 ZERO, with two threads RD40x1/7', pack of 3
500357/3	Filter A1P3, thread RD40x1/7', pack of 3
500364/3	Filter A1B1E1P3, thread RD40x1/7', pack of 3
504048/50	Filter P3 lite, RD40x1/7', pack of 50 pcs
504048/6	Filter P3 lite, RD40x1/7', pack of 6
504249/5	Filter ZERO lite, with two threads RD40x1/7', pack of 5

Parts, accesories

164000	Head cover
700007	Transport bag CleanAIR®
700030	Battery charger EURO plug CA Basic, for NiMH battery
700052	Hood grommet Rd40x1/7'
700060	Light flexi hose CA40x1/7' - CA40x1/7' - mask compatible
700065	Helmet bag CleanAIR
700099	Set of side release belt buckles, w/o slide buckle
700201	Tyvek head protection
710060	QuickLOCK Light flexi hose
710076	QuickLOCK adaptor
710086	QuickLOCK Rubber hose
800017	Battery CA Basic 2000, NiMH (4,8V / 4,5Ah)
011017	CleanAIR® klar-pilot Comfort, 17ml
011100	CleanAIR® klar-pilot Fluid Super Plus, 100ml
167002/5	Sweatband CleanAIR® for Ventilator hood, pack of 5pcs
169000	Protective neck cover
500110X	Pre-filter for canister filters- 50 pcs prefilters
590090RD	Flow indicator for CA Asbest

610030.1	Standard pressure hose CAP 10m, G3/8' / G3/8'
700062C	Hose cover chemical resistant
700085F	Light flexi hose for CA Pressure - RD40/ CA40
700085FF	Light flexi hose Rd40x1/7' - Rd40x1/7' inner thread
700086CA	Rubber hose CA40x1/7" - CA40x1/7' - mask compatible
700086L	Rubber hose CA40x1/7" - CA40x1/7' straight - 900m
700086R	Rubber hose CA40x1/7" - CA40x1/7' 90° - mask compatible
700086RL	Rubber hose CA40x1/7" - CA40x1/7' 90° - long
700090RD	Flow indicator, RD40x1/7´´
710060B	QuickLOCK Light flexi hose, bayonet
710060L	QuickLOCK Light flexi hose, extended
710086B	QuickLOCK Rubber hose, bayonet
710450QL	Airduct - QL connector
AT0110-010	Welding gloves MIG/MAG AerTEC™ AT-110 size 10
AT0110-011	Welding gloves MIG/MAG AerTEC™ AT-110 size 11
AT0220-009	Welding gloves TIG AerTEC™ AT-220 size 9
AT0220-010	Welding gloves TIG AerTEC™ AT-220 size 10
AT0220-011	Welding gloves TIG AerTEC™ AT-220 size 11

Recommended combinations

Welding and manufacturing

Omnira COMBI air

Verus air

CA–40 G/W/GW

CA-27 YOGA

CA-28 Euromaski

OptoMAX

Omnira air

SUMMIT air

UniMask®

CA–1 / CA–2 / Lite

AerGO®

Basic

Pressure / FM

Medical

UniMask®

Panoramate Lite

CA–10 / CA–10G / CA–1 Lite/ CA–2 Lite

GX02

CF02

MedicAER®

ATEX

UniMask®

CA–40G

CA–10 / CA–10G / CA–1 Lite/ CA–2 Lite

Panoramate Lite

Chemical 2F Ex

Asbestos

GX02

CF02

Ultimate*

Panoramate Lite*

Chemical 2F Asbest*

Asbest 2.0

Chemical

CA–1 / CA–1+

CA–1 Lite

CA–2

CA–2 Lite

CA–10

CA–10G

GX02

CF02

UniMask®

Chemical 2F
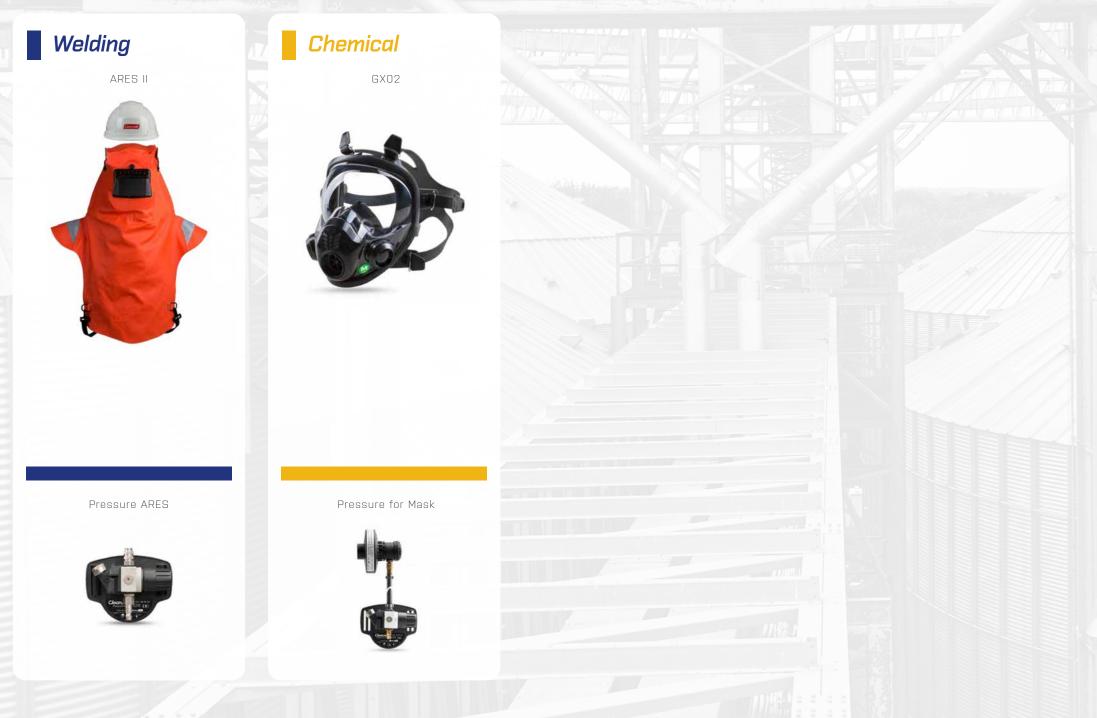
Chemical 3F

Recommended combinations

Welding

ARES II

Chemical

GX02

Pressure ARES

Pressure for Mask

Malina Safety®