

Respiratory Protection



Air Purifying Respirator

High Performance Gear for Today's Industrial Athlete



MSA Advantage® 200 LS Respirators

The advantage 200 LS Respirator's Lighter and Softer facepiece is made from a clear blue formulation of thermoplastic rubber to give workers more comfort and stability than ever.

Extensive anthropometrics research led to the Advantage Respirator's unique design. MSA's engineers examined facial form data of over 8,000 people and, with CAD technology, developed the AnthroCurve Sealing Surface, which instantly conforms to each wearer's unique facial characteristic.



A >>Anthro Curve™ Sealing Surface

Equalizes pressure in the sealing area and eliminates pressure points, resulting in a better fit and superior comfort.

B >>MultiFlex® System

This allows the facepiece to maintain it's flex without sacrificing stability.

C >>Molded Plastic Yoke

Yoke is formed to the contour of the face piece, tendency to spread the facepiece is eliminated.

D >>Teardrop Shape and Small Size Cartridges

Move the center of gravity and to reduce facepiece movement during use.

NIOSH 42CFR. Part 84, JKKP MR 164/05

Ordering Information

815696	Advantage 200 LS, small
815692	Advantage 200 LS, medium
815700	Advantage 200 LS, large
Leaflet	1012-10MC



A wide selection of cartridges provide the protection you need.

Respiratory Protection

Advantage® 3000 Respirators

The advantage 3000 Full-Face Respirator incorporates MSA's global engineering expertise and is designed to meet NIOSH and EN standards. The respirator features a wraparound lens combined with a soft, pliable silicone facepiece that provides a total solution to your air-purifying respirator needs.

Its fit technology is based on the proven faceseal of the Ultra Elite Facepiece, which was based on facial measurements from more than 8,000 people. For the utmost in convenience, the Advantage 3000 uses the same cartridges and filters as the Advantage 200 LS Respirator.



Spectacle Kits



NIOSH 42CFR. Part 84, ANSI 87.1 JKPP MR 194/05

Ordering Information

10028996	Advantage 3211, twin port, small
10028995	Advantage 3221, twin port, medium
10028997	Advantage 3231, twin port, large
10028998	Advantage 3121, single port, medium
10037282	Spectacle kits
Leaflet	1012-10MC



- A** New patented Advantage® head harness make fitting quicker and simpler, without any painful hair pulling.
- B** Full vision, distortion free and scratch resistant coating polycarbonate lens.
- C** Soft silicone facepiece provides comfort and ease of clearing.
- D** Standard nosecup that reduces fogging in low temperature or high humidity condition.

Fast & easy donning with pre-adjustable head harness.



- 1** Put your chin into the chin stop.



- 2** Pull the straps over your head.



- 3** Tighten the straps.

Respiratory Protection

Advantage® Respirator Cartridge



Advantage® Filter

The Advantage filter line is a full line of particulate, chemical and combination cartridges approved according to NIOSH (42 CFR, Part 84). Providing the best in light weight and performance. Cartridges fit both 200l half mask and 3000full face Advantage respirators.

NIOSH 42 CFR. Part 84

Ordering Information

815364	GMC P100 [OV, AG, P100]
815359	GME [Multigas]
815366	GME P100 [Multigas, P100]
815361	MER Sorb [Mercury Vapor]
815369	Low Profile P100 [Particulate Filter]

Please contact us for the Advantage® Respirator Cartridge chart

EN 143

Ordering Information

818344	Flexi-Filter P100 w/ Nuisance Level, AG, HF Removal
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FLEXI-Filter® P100 w/Nuisance Level AG, HF Removal

These low profiles, flexible pads fit well under a welding hood and with other personal protective equipment. They offer great balance and weight distribution for maintaining a good face seal, while their swept-back design provides improved vision and comfort.



EN 141

Ordering Information

10038476	A2B2E1K1 TabTec® gas filter [1 pair], EN 141
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TabTec® Filter

The environmentally-friendly TabTec filter technology allows the production of filters with a minimum housing content while maintaining the high filtering performance. For use with Advantage full face and half masks.

R95 Prefilter and Cover

NIOSH approved for respiratory protection against particulate under 42 CFR 84. Approved as an R95-particulate filter (95% efficiency level) effective against oil or non-oil containing particulate aerosols.

42 CFR 84

Ordering Information

815397	R95 Prefilter [box of 20]
815401	Reusable Snap-on cover [2 in a package]



Advantage Filter
(Sold Separately)



R95 Prefilter



Reusable
Snap-on cover



Combined Filter

For protection against organic, respectively inorganic gases and vapors, according to the protection range, as well as against solid and liquid particles. Single and multiple range filters [ABEK/St]. Also a filter for protection against radioactive iodine and its organic compounds, especially methyl iodide. In addition, special filters for carbon monoxide, low-boiling compounds, nitrous gases, mercury, etc.

EN 141

Ordering Information

D1070000	Combined Filter 89 AB/ST [A2, B2-P3]
D1070705	Combined Filter 89ABEK-Hg/ St
Leaflet	05-100.2GB

ADVANTAGE®

Respiratory Protection

Disposable Respirator

Affinity Disposable Respirators

- Superior fit, comfort and performance
- Collapse resistant design
- 2 sizes for increased comfort and protection

Affinity Plus P2

Provides protection against mechanically and thermally generated dusts/ mists, fumes and aerosols as in crushing, blasting, grinding, welding, soldering and refining processes

JKKP DR 138/5, AS/NZS 176

Ordering Information

762602S	Small [box of 20/ case of 12 boxes]
762612ML	Med/ Large [box of 20/ case of 12 boxes]



Affinity Plus P2V

Valved version for easier breathing.

JKKP DR 139/05, AS/ NZS 1716: 2003

Ordering Information

762602SV	Small [box of 10/ case of 12 boxes]
762612MLV	Med/ Large with valve [box of 10/ case of 12 boxes]



Affinity Plus P2

For nuisance *odor removal with valve. For nuisance levels of organic vapors including those encountered in welding, agriculture and automotive industries.

JKKP DR 140/ 05, AS/ NZS 1716: 2003

Ordering Information

763196MLV	Med/ Large [box of 20/ case of 12 boxes]
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Affinity Plus P2

For nuisance* acid gas removal with valve. For nuisance levels of acid gases including hydrogen fluoride, sulphur dioxide and chlorine, Industries include smelting, petrochemical and paper mills.

JKKP DR 143/ 05, AS/ NZS 1716: 2003

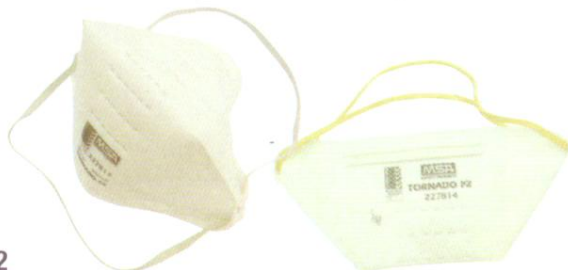
Ordering Information

763197MLV	Med/ Large [box of 20/ case of 12 boxes]
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Tornado Disposable Respirators

- Extremely comfortable, flat-fold respirator.
- Excellent filtration with minimal breathing resistance.
- One size fits all, packages individually in hygienically sealed pack.



Tornado P2

Provides protection against mechanically and thermally generated dusts/ mists, fumes and aerosols as in crushing, blasting, grinding, welding, soldering and refining process.

JKKP DR 144/05, AS/ NZS 1716

Ordering Information

227813	[box of 20/ case of 12 boxes]
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Tornado P2V

Valved version for easier breathing.

JKKP DR 145/05, AS/ NZS 1716

Ordering Information

227814	Valved respirator [box of 20/ case of 12 boxes]
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* Nuisance levels are below Worksafe exposure standards.

Escape Respiratory Protection

Filtering Escape Respirators

Get Back to Safety

Mini Scape

miniSCAPE

Using the latest filtering media TabTec technology, the miniSCAPE is a onetime use escape device with 5 minutes service time. It is equipped with mouthpiece and nose clip. Small and handy, the miniSCAPE fits into the pocket of a lab overall or any work clothing. It can also be belt carried with the very practical integrated belt clip.

In case of emergency, it can be donned very quickly and is immediately operational. In case of sudden and unexpected outbreaks of toxic gases or vapors at the workplace, personnel can quickly and safely leave the danger area with the miniSCAPE.

The hygienic and convenient plastic casing allows frequent distribution to different persons, for example, mechanics, visitors or shift workers.

ABEK-5 DIN 58647-7

Duration: 5 minutes

Ordering Information

10038560	miniSCAPE in plastic housing
Leaflet	10-312.2GB



S-Cap

S-CAP

S-CAP is an escape hood especially designed to protect persons endangered by smoke and gases generated by fires. The most dangerous of them is carbon monoxide.

S-CAP provides an effective protection for eyes, head and especially the respiratory tract, and thus rescue can be effected with little risk. Even for those who wear spectacles, the donning of the device is very easy and fast.

EN403 : 2004

Duration : 15 minutes

Ordering Information

10064644	S-Cap in cardboard box
10064645	S-Cap in luminescent wallbox
Leaflet	10.201.2 GB



Compressed Air Escape Devices

S-Cap-Air

The S-CAP-Air is a compressed air, constant flow, escape breathing apparatus designed to aid escape from hazardous areas in which toxic substances or oxygen deficiency may occur. It is very easy to operate – simply open the unit, put on the hood and make your escape.

EN 1146

Duration : 15 minutes

Ordering Information

10017668	S-Cap-Air
Leaflet	10-214.2 GB



Powered Air Purifying Respirators

OPTIMAIR
3000

The OptimAir 3000 is the next generation PAPR to protect against hazardous particles, gases and vapors. Driven by a powerful low profile blower, OptimAir 3000 is the most advanced High-Tec system using an exclusive stackable filter system. Easy to use [one-button operation] and ergonomic.

EN 12941, EN12942, BVS 07 ATEX E 38

II 2G Ex ib IIB T4

II 2D Ex ibD 21 T130c



[Headtops]



OptimAir Mask [with hose]
10051810



OptiVizor
10049638



OptiHood Demi
10051805



OptiTop [with hose]
10051807



OptiHood Full
10051806

[Hoses]



Mask Hose
10049630



OptiTop Hose [spare]
10053377



Hood & Vizor Hose [standard]
10049631

Hood & Vizor hose [XL]
for user taller than 1.85m
10082281

[PAPRs]



OptimAir 3000
[complete unit]
130 l airflow, NiMH battery,
standard charger, comfort
belt, flow checker
10049557



OptimAir 3000 EX
[complete unit]
ATEX, 130 l/min airflow,
comfort belt, EX charger,
NiMH EX Battery
10049559



OptimAir 3000 A
[complete unit]
160 l airflow, OptimAir Mask w/
hose, standard charger, Decon
belt and Flow checker, 10 pack
particle filter, NiMH Battery
10049558

[Belts]



OptiBelt Comfort
10049623



OptiBelt Decon
D6181976

[NiMH Batteries]



OptiBat
10049560



OptiBat EX
10049622



Optibatt E
10049621

[Battery Chargers]



OptiCharge
10049627



OptiCharge EX
10049629



OptiCharge Delta
10049628

[Filters]



Particle Filter
[pack of 10]
10049632



A1B1E1K1 Filter
[pack of 10]
10049635

Self-Contained Breathing Apparatus



AirMaXX®

The AirMaXX® is the premium breathing apparatus. The carrying plate is adjustable to three different lengths. The hip belt features elastic fixation which provides easily-adjustable straps for ideal weight distribution. A cylinder support for one or two compressed air cylinders features a retaining strap with an easy-to-adjust tightener.

The innovative alpha "Singleline"[SL] pneumatic system is offered optionally for AirMaXX®. Alpha SL features a redesigned pressure reducer and the patented hose-in-hose technology.



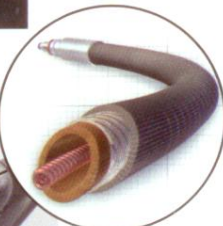
AirMaXX® SL



AutoMaXX® -AS
EN 137, EN 136, PED 97/23/EG



SL Pressure Reducer



Hose in hose technology



Ultra Elite PS

Composite cylinder



Composite Cylinders

For compressed air breathing apparatus, cylinder valve in accordance with EN 144, with cylindrical thread. You can order MSAs' cylinder empty or charged.

Ordering Information

D5103979	6.8 l/300 bar composite
10055170	6.9 l/ 300 bar composite, with lockable valve
Leaflet	01-110.2GB



Respihood

Rescue Sets

The rescue sets and the RespiHood are designed for rescuing people from hazardous areas

Self-Contained Breathing Apparatus & Accessories



AirGo compact

Rule #1: expect the unexpected. The AirGo compact SCBA preset is specifically designed for emergency response and escape. On ships or industrial facilities where such units are mandatory, the AirGo compact is an obvious choice. The lung governed demand valve AutoMaXX-AS is fixed to the medium pressure line. The no-frills system keeps costs at a minimum without sacrificing safety.

The vital pneumatic and carrier components are the same as those used in the highend MSA presets, making AirGo compact a fully-fledged device for the toughest applications including firefighting.

EN 137: 2006, class 2

ATEX  II 1 G c IIC T6 [pending]

Ordering Information

10086572	Preset: AirGo compact
D4080801	Wall box type A with one cylinder [ready to use system suspends SCBA]
Leaflet	01-102.2 & 01-167.2



MicroMaXX®

The short-duration breathing apparatus MicroMaXX® is amazingly flexible, light and thus convenient for all sorts of activities associated with work and rescue. With 4.95kg [ready to use] MicroMaXX® is extremely light weight and does not burden the user at all. It is probably the lightest breathing apparatus available. MicroMaXX® has a multi-pass harness which permits three different carrying modes. Basically, two MicroMaXX® versions are available: normal and positives pressure types.

MicroMaXX® consists of a pressure reducer, a 3 litre composite cylinder [charged], the demand valve AutoMaXX®, a multi-pass harness with soft bag and a full face mask of your choice.

EN137



Ordering Information

10056058	MicroMaXX® with Advantage Mask
Leaflet	01-112.8 GB



Hip carrying mode



Carrying mode
between knees



Backpack carrying
mode

FIREFLY II and FIREFLY II S

Warning and signal device, easily affixed to shoulder strap or hip belt. If the person using FIREFLY II is motionless for 20 seconds, an alarm [a constantly repeating signal of 95 dB] sounds. This helps to locate the injured person. The alarm can be activated manually. Water-tight and explosion proof to IP 67 and EX II 1G EEx ia IIC T4.

The FIREFLY II S has a key which, if pulled out, activates the device.

ATEX II 1G EEx ia IIC T4

Ordering Information

D6002715	FIREFLY II
D6002720	FIREFLY II S
Leaflet	01-315.2 GB



Airline Respirator

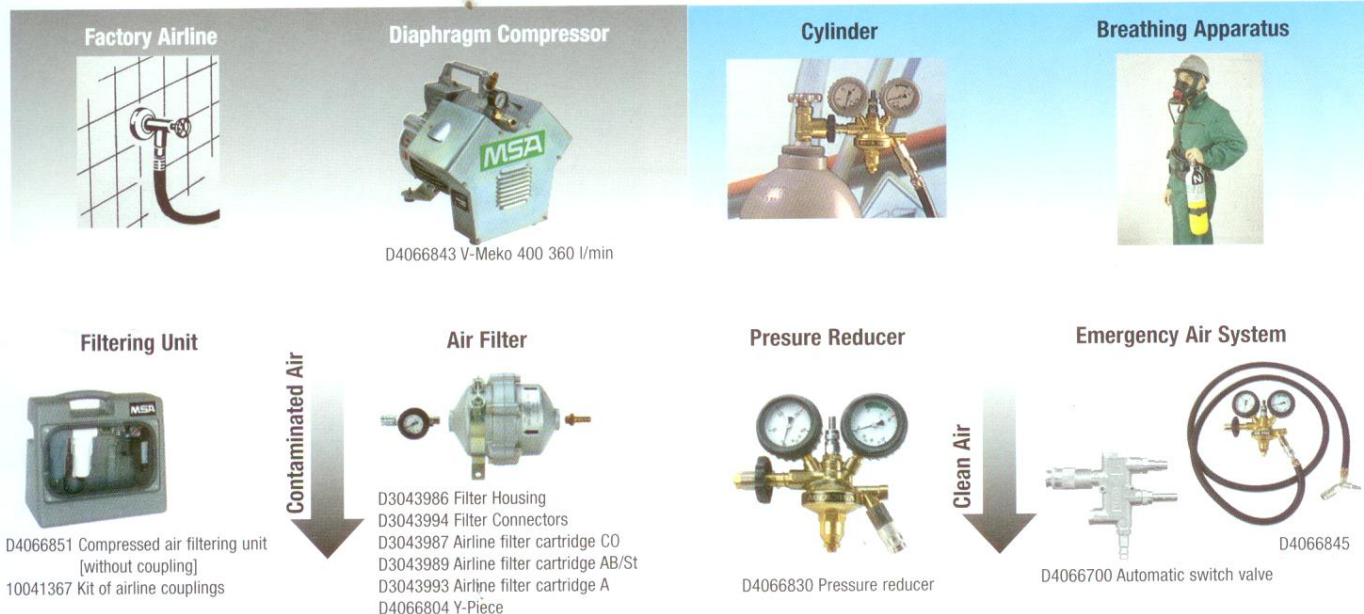
Compressed Airline Breathing Apparatus

[The Independence in Breathing]

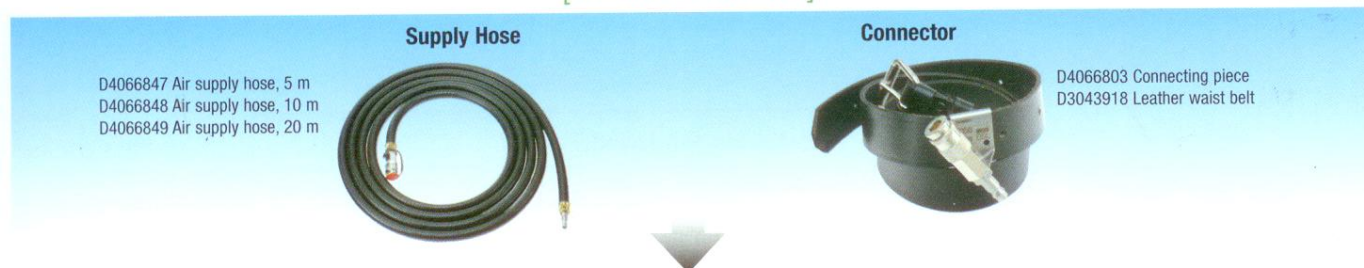
MSA compressed airline breathing apparatus, according to EN 139, function independently of the ambient atmosphere. They can be used in all places where the ambient air is not breathable because of contaminants or oxygen deficiency and where filtering devices do not provide sufficient protection. Compressed air is supplied from an external source [e.g. factory airline], from a compressed air cylinder or from a compressor.



[Sources/ SCBA]



[Hoses & Connector]



[Demand Valves]



[Face Pieces]

