AirHawk® II Air Mask
Keep the basics. Add the choices.

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The new **AirHawk II Air Mask** is built upon MSA's established AirHawk MMR Air Mask and is a lightweight, durable, and economical SCBA for many industrial IDLH (immediately dangerous to life or health) applications. This SCBA fits any budget by keeping its lower-cost options while offering many new choices not offered with any other industrial air mask. In addition, the AirHawk II Air Mask is available in both low-pressure and high-pressure versions.

MSA's AirHawk II Air Mask is a pressure-demand apparatus designed to maintain a slight positive air pressure inside the facepiece during inhalation and exhalation. Positive pressure helps to prevent contaminants from seeping in and around the facepiece, even if small breaks in the face-to-facepiece seal should occur. The AirHawk II Air Mask is built from six major components: facepiece, carrier and harness assembly, cylinder, first-stage regulator, mask-mounted regulator, and End-of-Service-Time-Indicator (EOSTI).

FACEPIECE

MSA offers you the choice of two facepieces, the proven Ultra Elite® Facepiece or new industrial Advantage® 4000 Facepiece for the AirHawk II Air Mask. Choose from three facepiece sizes (small, medium or large) in either SoftFeel® Rubber or silicone rubber. Nosecups are available in two sizes, standard and large.

The Ultra Elite Facepiece features:

- a one-way check valve preventing exhaled air from entering the mask-mounted regulator
- a molded polycarbonate lens
- a mechanical speaking diaphragm for short-range communications
- five adjustable rubber straps for exceptional head comfort, security, and safety
- optional heat-resistant Kevlar hairnet-style head harness

The Advantage 4000 Facepiece features:

- adapters to convert the Advantage Facepiece to a Twin-Cartridge Respirator (using Advantage Cartridges) or an RD40 Facepiece
- a one-way check valve preventing exhaled air from entering the mask-mounted regulator
- a molded polycarbonate lens
- four-point silicone head harness for exceptional comfort and security
- optional polyester net head harness

AIRFRAME™ CARRIER AND HARNESS ASSEMBLY

MSA's durable AirFrame Carrier and Harness assembly comes standard with large side handles and a central attachment point to pull workers to safety in rescue scenarios. The AirFrame Carrier and Harness distributes the SCBA's weight over the user's hips for comfort and stability. The composite backplate is made of glass fiber-reinforced thermoset plastic and is ergonomically designed with a spine strain relief. Key components are detachable without special tools.

The assembly's harness components are available in nylon or high-strength Kevlar. Shoulder straps feature easy-to-release friction buckles to positively retain pull straps. A center-pull waist belt system is also incorporated into its design. This harness also provides optional shoulder pads, lumbar pad, and chest strap, making this unit the most comfortable industrial air mask on the market today.

The cylinder band is available in nylon or Kevlar and is secured by an adjustable nylon buckle, allowing the band to retain various cylinder sizes. An optional open-form stainless steel cylinder band provides rapid drop-in cylinder replacement, eliminating webbing adjustments and clips.

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CYLINDERS

MSA offers a choice of three low-pressure (2216 psig) 30-minute-rated cylinders for use with this SCBA. Choose carbon-wrapped, fiberglass hoop-wound, or all-aluminum construction cylinders. High-pressure (4500 psig) carbon-wrapped cylinders are available in 30-, 45- or 60-minute durations.

FIRST-STAGE REGULATOR

The PR-14 Regulator is designed with the fewest number of parts in the industry, with Teflon- coated anodized valve bodies to minimize internal component friction and maximize service life. The PR-14 Regulator has only 14 replaceable parts and can be maintained without special tools.

MASK-MOUNTED REGULATOR

The second-stage FireHawk® Regulator features a slide-to-connect (S-T-C) or push-to-connect (P-T-C) regulator attachment to meet the widest preference ranges. An integrated shut-off prevents cylinder air loss when disconnecting the second-stage regulator from the facepiece. The FireHawk Regulator has only 22 replaceable parts and can be maintained without special tools.

EOSTI

MSA's Audi-Larm™ Audible Alarm is an air-actuated continuously-ringing warning bell that automatically sounds when the air-supply cylinder reaches 25% of its rated service life.

OPTIONS
Optional air-line port

An optional air-line attachment configures the AirHawk II Air Mask with a second port. This port is designed to accept an air-line connection from an independent air source, such as an air compressor or cascade system, allowing workers to use an external air source as their primary air supply, conserving cylinder air for emergency escape.

MSA's successful AirHawk Air Mask industrial SCBA platform offers more safety and ergonomic options than any other competitive SCBA, providing the highest-quality air mask available. These new choices include MSA fire service components of exceptional quality and durability, now offered for use in non-fire applications such as industrial, agricultural, wastewater, HazMat, and HVAC. NIOSH-approved.

Optional Heads-Up Display

A wireless Heads-Up-Display (HUD) System is available for use on the Ultra Elite Facepiece, eliminating snag hazards while providing easy-maintenance modularity. This system is built with two primary components, the integrated

transmitter and receiver. The HUD receiver provides the user with the remaining volume of cylinder air through four colored LEDs using the following light logic:

- four green lights: 76 to 100% cylinder volume
- three green lights: 51 to 75% cylinder volume
- two flashing amber lights: 26 to 50% cylinder volume
- flashing red light: 0 to 25% cylinder volume

Optional Rapid Intervention Crew (RIC) System

The Rapid Intervention Crew connection uses the Quick-Fill® System URC (universal rescue connection). This system enables quick refilling (less than a minute) of an SCBA cylinder from a mobile compressor or cascade system. You can also transfill between two SCBA wearers, providing an emergency breathing system (EBS), still maintaining NIOSH approvals. The RIC System extends the wearer's air supply over longer duration when a remote cascade system or other compressed gas source is located remotely, allowing wearers to transfill and refill in IDLH atmospheres.

Optional Emergency Egress Rescue Belt

The Emergency Egress Rescue Belt is a NIOSH-certified emergency egress system integral to the SCBA waist belt, equipped complete with Kevlar line (50 ft. or 75 ft.) and rappelling hardware.

Optional shoulder-mounted Quick-Fill System EBS accessory

This connection offers SCBA cylinder refill from a mobile compressor or cascade system and also allows transfilling between two SCBA wearers, providing an emergency breathing system (EBS). The wearer's air supply is extended over a longer duration when a remote cascade system or other compressed gas source is located remotely, allowing transfill and refill in IDLH atmospheres.

Optional ICM® Tx Integrated PASS/HUD Transmitter

The ICM Tx Integrated PASS/HUD Transmitter features the Personal Alert Safety System (PASS) and the HUD Transmitter combined within a single housing. This wireless system eliminates snag hazards and is easily replaced in the event of damage.

RELIABILITY

Because your life depends upon it, your MSA AirHawk II Air Mask must be reliable. MSA uses the most progressive design, manufacturing, and quality assurance practices globally available. Listed here are just a few contributors to MSA's long track record of air mask reliability:

- In-house manufacturing of every pneumatic, electronic, and structural air mask component, ensuring optimal quality and performance
- Use of the highest quality and grades of stainless steel and aluminum with select blends of rubber and plastic molding compounds for high strength and durability
- Rugged electronics designed for immunity to RFI (radio frequency interference). Electronics must pass through MSA's stringent in-house RFI testing chamber before use

- 100% inspection of all air mask critical attributes in production
- A best-in-class service network with over 2,000 certified repair facilities and a team of service specialists committed to resolving any issue, anywhere
- MSA is an ISO 9001.2000-certified organization

Spectacle Kit

For use by workers who must wear corrective lenses, the spectacle kit can be easily inserted into the facepiece. The kit includes a wire support, rubber guide and one pair of metal-frame spectacles.

Part No.	Description
10029298	Prescription Eyeglass Kit for Advantage 4000 Facepiece (S-7 shape, 44 mm lens)
804638	Prescription Eyeglass Kit for Ultra Elite Facepiece (S-7 shape, 48 mm lens)

Lens Covers

Lens covers, available in clear and smoke-tinited, provide a convenient way to add a layer of protection against scratches.

Part No.	Description
491500	Ultra Elite clear cover lens (25 per pack)
10031542	Advantage 4000 clear cover lens (25/pkg)

Welder's Adapter & Accessories

For eye protection in welding applications where respiratory protection is required, a welder's adapter can be easily installed over an Ultra Elite or Advantage 4000 Facepiece lens.

Part No.	Description
806432	Welders Adapter, Ultra Elite Facepiece
10065326	Welders Adapter, Single Port Advantage 4000 Facepiece
486328	Welders Hood, Kevlar
10068601	Auto-Change Electronic Welding Lens

MSA Confidence Plus® Germicidal Cleaner

Mix with warm water for a germicidal cleaner that is effective against various micro-organisms including immunodeficiency virus Type 1 (HIV-1) (associated with AIDS). EPA approved for use on safety equipment.

Part No.	Description
10009971	Confidence Plus Germicidal Cleane

Storage Cabinets

Two unit and single unit wall mounting case. Chemical resistant ABS plastic case resists weathering, moisture, and corrosion to ensure SCBA stay in ready-to-use condition.

Part No.	Description
10053102	Double case for SCBA's supplied with LP30, HP45, HP60 and low profile cylinders
10053103	Double case for SCBA's supplied with HP30 cylinders only
10052744	Single case for SCBA's supplied with LP30, HP45, HP60 and low profile cylinders
10052745	Single case for SCBA's supplied with H30 cylinders only

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Optional Shoulder Pads

Optional Carbon Cylinder

Air Frame™ Carrier

PR14 Pressure Regulator

Nylon or Kevlar Harness

Optional Stainless Steel Cylinder Band

Optional Chest Strap

Easy-to-Release Friction Buckles

Optional Lumbar Pad

Audi-Larm EOSTI

Optional Air-Line Attachment

Firehawk® MMR Regulator

Center Pull Waist Belt

Advantage® 4000 Facepiece

AirHawk II SCBA

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SCBA	Harness	Facepiece	Cylinder	Case	Part Number
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium Hycar, **rubber** head harness	Aluminum - 30 minutes	Hard case	10095800
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium Hycar, **rubber** head harness	Aluminum - 30 minutes	No case	10095801
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium Hycar, **Speed-On** head harness	L30 Stealth carbon cylinder (30 minutes)	Hard case	10095802
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium Hycar, **Speed-On** head harness	L30 Stealth carbon cylinder (30 minutes)	No case	10095803
AirHawk II (2216)	Nylon with chest strap	Adv 4000, medium Hycar, **net** head harness	Aluminum - 30 minutes	Hard case	10095804
AirHawk II (2216)	Nylon with chest strap	Adv 4000, medium Hycar, **rubber** head harness	Aluminum - 30 minutes	No case	10095805
AirHawk II (2216)	Nylon with chest strap	Adv 4000, medium Hycar, **net** head harness	L30 Stealth carbon cylinder (30 minutes)	Hard case	10095806
AirHawk II (2216)	Nylon with chest strap	Adv 4000, medium Hycar, **net** head harness	L30 Stealth carbon cylinder (30 minutes)	No case	10095807

AirHawk™ II Air Mask

SCBA Type	Carrier/Harness Assembly	Lumbar Pad/ Rescue Belt†	Cylinder	MMR Regulator Type	Air-Line Options	Emergency Breathing System	Facepiece	Nosecup	Head Harness	Communi-cations	Gauge/ Integrated PASS	Case
A2L 2216 AirHawk II Air Mask	A AirFrame, Nylon Harness, Fabric Band, Plastic Buckle, Double Pull	0 None	0 None	A FireHawk PTC, single hose, solid cover	0 None	0 None	A None	0 None	0 None	A None	A Pressure Gauge	0 None
	B AirFrame, Nylon Harness, Fabric Band, Plastic Buckle, Double Pull, W/Chest Strap	1 Shoulder Pad	1 3AL Aluminum	B FireHawk PTC, QC, solid cover	1 Snap-Tite, Aluminum	1 Quick-Fill Shoulder Mounted	B Ultra Elite, Hycar, Small	1 Medium	1 Rubber, less neckstrap	B Clear Command Ready	B ICM Tx with Heat Sensor	1 Hard Case
	C AirFrame, Nylon Harness, Steel Band, Plastic Buckle, Double Pull	2 Standard Lumbar Pad	2 Hoop-Wound	C FireHawk STC, single hose, solid cover	2 Hansen SST	2 ExtendAire (EBS) with Dual Quick Connect	C Ultra Elite, Hycar, Medium	2 Large	2 Net, less neckstrap	C Amp	C ICM Tx without heat sensor	2 Soft Case
	D AirFrame, Nylon Harness, Steel Band, Plastic Buckle, Double Pull, W/Chest Strap	3 Shoulder & Standard Lumbar Pad	3 30' Carbon	D FireHawk STC, QC, solid cover	3 Hansen Brass	3 Shoulder Mounted Quick Fill & ExtendAire (EBS) with Dual Quick Connect	D Ultra Elite, Hycar, Large		3 Rubber, with neckstrap	D Amp, RI	D ICM TxR with heat sensor	
	E AirFrame, Kevlar Harness, Fabric Band, Plastic Buckle, Double Pull	4 Swiveling Lumbar Pad	4 3AL Aluminum, Less air	S FireHawk PTC, threaded hose, solid cover	4 Foster Steel		E Ultra Elite, Silicone, Small		4 Cloth, with neckstrap		E ICM TxR without heat sensor	
	F AirFrame, Kevlar Harness, Fabric Band, Plastic Buckle, Double Pull, W/Chest Strap	5 Shoulder & Swiveling Lumber Pad	5 Hoop-Wound, less air	T FireHawk, STC, threaded hose, solid cover	5 Snap-Tite Locking Aluminum		F Ultra Elite, Silicone, Medium				F Pressure Guage with HUD	
	G AirFrame, Kevlar Harness, Steel Band, Plastic Buckle, Double Pull	A Rescue Belt, Standard, 50 Ft. Rope	6 30' Carbon, less air		6 Foster SST		G Ultra Elite, Silicone, Large				G ICM TX with heat sensor with HUD	
	H AirFrame, Kevlar Harness, Steel Band, Plastic Buckle, Double Pull, W/Chest Strap	B Rescue Belt, Standard, 75 Ft. Rope					H Advantage 4000, Hycar, Small				H ICM TX without heat sensor with HUD	
A2H 4500 AirHawk II Air Mask	J AirFrame, Reflective Kevlar Harness, Steel Band, Metal Buckle, Single Pull	C Recue Belt, Long, 50 Ft. Rope					J Advantage 4000, Hycar, Medium				J ICM TxR with heat sensor with HUD	
	K AirFrame, Reflective Kevlar Harness, Steel Band, Metal Buckle, Double Pull	D Rescue Belt, Long, 75 Ft. Rope	0 None				K Advantage 4000, Hycar, Large				K ICM TxR without heat sensor with HUD	
	L AirFrame, Reflective Kevlar Harness, Steel Band, Metal Buckle, Single Pull, W/Chest Strap	E Rescue Belt, Swiveling, Standard, 50 Ft. Rope	1 30' Carbon				L Advantage 4000, Silicone. Small				L HUD Only	
	M AirFrame, Reflective Kevlar Harness, Steel Band, Metal Buckle, Double Pull, W/Chest Strap	F Rescue Belt, Swiveling, Standard, 75 Ft. Rope	2 45' Carbon				M Advantage 4000, Silicone. Medium					
		G Rescue Belt, Swiveling, Long, 50 Ft. Rope	3 45' Carbon, low profile				N Advantage 4000, Silicone. Large					
		H Rescue Belt, Swiveling, Long, 75 Ft. Rope	4 60' Carbon									
		J Rescue Belt, Mid-Size, 50 Ft. Rope	5 30' Carbon, less air									
		K Rescue Belt, Mid-Size, 75 Ft. Rope	6 45' Carbon, less air									
		L Rescue Belt, Swiveling, Mid-Size, 50 Ft. Rope	7 45' Carbon, low profile, less air									
		M Rescue Belt, Swiveling, Mid-Size, 75 Ft. Rope	8 60' Carbon, less air									

Options J and L can only be chosen if a rescue belt option is selected.

Cannot use Air-Line Option if Rescue Belt is chosen.

FireHawk slide regulators not compatible with Advantage 4000 Facepieces

Nosecup stanard with Advantage 4000 Facepiece

Neckstrap not available with Advantage 4000 Facepiece

Communications not compatible with Advantage 4000 Facepiece

Part Number

Note: Standard Rescue Belt fits waist sizes up to 54 inches. Long Rescue Belt fits waist sizes up to 74 inches.

NIOSH Approved, Non NFPA Compliant

Note: This Bulletin contains only a general description of the products shown. While uses and performance capabilities are described, under no circumstances shall the products be used by untrained or unqualified individuals and not until the product instructions including any warnings or cautions provided have been thoroughly read and understood. Only they contain the complete and detailed information concerning proper use and care of these products.

ISO 9001 CERTIFIED Quality System

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