

# AirHawk® II AirMask

Industrial SCBA with enhanced options to fit many budgets.



*Because every life has a **purpose...***

# AirHawk II **AirMask**

Keep the basics and add the choices. Lightweight, durable and economical SCBA for many industrial IDLH (immediately dangerous to life or health) applications fits any budget. Lower-cost options are provided with many choices not offered with any other industrial air mask, in both low-pressure and high-pressure versions. MSA fire service components are now offered for non-fire service applications such as industrial, agricultural, wastewater, HazMat, and HVAC.

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). Choose from the proven Ultra Elite® Facepiece or new industrial Advantage® 4000 Facepiece, three facepiece sizes, two nosecup sizes, and SoftFeel® Rubber or silicone rubber. NIOSH-approved.

## Ultra Elite Facepiece features

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- One-way check valve prevents exhaled air from entering mask-mounted regulator
- Molded polycarbonate lens
- 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



## Advantage 4000 Facepiece features

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- Adapters to convert Advantage Facepiece to Twin-Cartridge Respirator (uses bayonet-style Advantage Cartridges) or RD40 Facepiece
- One-way check valve prevents exhaled air from entering mask-mounted regulator
- Molded polycarbonate lens
- Four-point silicone head harness for exceptional comfort and security
- Optional polyester net or Kevlar net head harness



## AirFrame™ Carrier and Harness Assembly

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MSA's durable AirFrame Carrier and Harness assembly provides standard large side handles and central attachment point to pull workers to safety in rescue scenarios. Assembly distributes SCBA weight over user's hips for comfort and stability. Ergonomically designed glass fiber-reinforced composite thermoset plastic backplate provides spine strain relief. Key components are detachable without special tools. Features include:

- Harness components in nylon or high-strength Kevlar.
- Shoulder straps with easy-to-release friction buckles to positively retain pull straps.
- Incorporated center-pull waist belt system.
- Optional shoulder pads, lumbar pad and chest strap for extra comfort.
- Cylinder band in nylon or Kevlar, secured by adjustable nylon buckle to retain various cylinder sizes.
- Optional open-form stainless steel cylinder band for rapid drop-in cylinder replacement.





## CYLINDERS

Choose from three low-pressure (2216 psig) 30-minute-rated cylinders.

- Carbon-wrapped, fiberglass hoop-wound or all aluminum construction cylinders
- High-pressure (4500 psig) carbon-wrapped cylinders in 30-, 45- or 60-minute durations



## PR14™ FIRST-STAGE REGULATOR

- Only 14 replaceable parts for maintenance without special tools
- Teflon-coated/anodized valve bodies minimize internal component friction and maximize service life



## MASK-MOUNTED REGULATOR

Second-stage Firehawk® Regulator offers slide-to-connect (S-T-C) or push-to-connect (P-T-C) regulator attachments.

- Integrated shut-off prevents cylinder air loss when disconnecting second-stage regulator from facepiece.
- Firehawk Regulator has only 22 replaceable parts for maintenance without special tools.



## EOSTI

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

## Options

Optional airline attachment configures AirHawk II Air Mask with second port for air-line connection from independent air source (air compressor or cascade system), allowing workers an external air source as their primary air supply, conserving cylinder air for emergency escape.



### Optional Heads-Up Display

Wireless Heads-Up-Display (HUD) System can be used with Ultra Elite Facepiece; eliminates snag hazards, provides easy-maintenance modularity. System is built with two primary components, integrated transmitter and receiver. HUD Transmitter provides user with remaining cylinder air volume through four colored light logic LEDs:

- 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 Emergency Egress Rescue Belt II System

The Rescue Belt II System NIOSH-certified emergency egress system is integral to SCBA waist belt, equipped complete with 50-ft Kevlar line and rappelling hardware. Innovative emergency egress device lets workers rappel to safety should they become trapped in a building's upper level.

### Optional Shoulder-mounted Quick-Fill® System EBS Accessory

Connection offers SCBA cylinder refill from mobile compressor or cascade system.

- Allows transfilling between two SCBA wearers, providing emergency breathing system (EBS).
- Wearer's air supply is extended over longer duration when remote cascade system or other compressed air source is located remotely, allowing transfill and refill in IDLH atmospheres.

### Optional ICM® Tx Integrated PASS/HUD Transmitter

ICM Tx Integrated PASS/HUD Transmitter features Personal Alert Safety System (PASS) and HUD Transmitter combined within single housing. Wireless system eliminates snag hazards and is easily replaceable.

### Optional Rapid Intervention Crew (RIC) System

Rapid Intervention Crew connection uses Quick-Fill System URC (Universal Rescue Connection), enabling quick SCBA cylinder refilling (less than a minute) from mobile compressor or cascade system.

- Transfill between two SCBA wearers to provide emergency breathing system (EBS) while maintaining NIOSH approvals.
- RIC System extends wearer's air supply over longer duration when remote cascade system or other compressed air source is located remotely, allowing wearers to transfill and refill in IDLH atmospheres.

**Because your life may depend upon it**, your MSA AirHawk II Air Mask must be reliable. MSA, an ISO 9001.2000-certified organization, uses the most progressive design, manufacturing and quality assurance practices globally available. Listed here are 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 for optimal quality and performance.
- Use of 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 RFI (radio frequency interference) immunity; electronics must pass stringent in-house RFI testing chamber before use.
- Best-in-class service network with more than 2,000 certified repair facilities and service specialists.

## Spectacle Kit

For workers who must wear corrective lenses, spectacle kit is easily inserted into facepiece. Kit includes wire support, rubber guide and one pair of metal-frame spectacles.

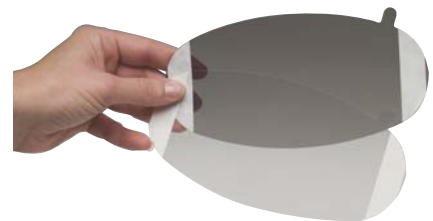
	Part Number	Description
SPECTACLE KIT	10029298	Prescription Eyeglass Kit for Advantage 4000 Facepiece, (S-7 shape, 44 mm lens)
	804638	Prescription Eyeglass Kit for Ultra Elite Facepiece (S-7 shape, 48 mm lens)



## Lens Covers

Lens covers are available in clear and smoke-tinted for convenient scratch protection.

	Part Number	Description
LENS COVERS	491500	Ultra Elite Facepiece clear cover lens (25/pkg)
	805456	Ultra Elite Facepiece smoke-tinted cover lens (25/pkg)
	10031542	Advantage 4000 Facepiece clear cover lens (25/pkg)
	10031543	Advantage 4000 Facepiece smoke-tinted cover lens (25/pkg)



## 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 with safety equipment.

	Part Number	Description
MSA CONFIDENCE PLUS GERMICIDAL CLEANER	10009971	Confidence Plus Germicidal Cleaner



## Storage Cabinets

Single unit, wall-mounted, chemical-resistant ABS plastic case resists weathering, moisture and corrosion to ensure that SCBA stay in ready-to-use condition.

	Part Number	Description
STORAGE CABINETS	10052744	Single case for SCBA supplied with LP30, HP45, HP60, and low-profile cylinders
	10052745	Single case for SCBA supplied with H30 cylinders only



## AirHawk II SCBA



- ① Optional shoulder pads
- ② Optional carbon cylinder
- ③ Air frame carrier and harness
- ④ Nylon or Kevlar harness
- ⑤ Optional stainless steel cylinder band
- ⑥ Optional chest strap
- ⑦ Easy-to-release friction buckles
- ⑧ Optional lumbar pad
- ⑨ Audi-Larm EOSTI
- ⑩ Optional air-line attachment
- ⑪ PR14 Pressure Regulator
- ⑫ FirehawkMMR regulator
- ⑬ Center-pull waist belt
- ⑭ Advantage 4000 Facepiece
- ⑮ Cylinder pressure gauge





## Ordering Information

SCBA	Harness	Facepiece	Cylinder	Case	Part Number
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium, Hycar™ Rubber, rubber head harness	Aluminum 30-minute cylinder	Hard case	10095800
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium, Hycar Rubber, rubber head harness	Aluminum 30-minute cylinder	No case	10095801
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium, Hycar Rubber, Speed-ON® Head Harness	L30 carbon-wrapped 30-minute cylinder	Hard case	10095802
AirHawk II (2216)	Nylon with chest strap	Ultra Elite, medium, Hycar Rubber, Speed-ON Head Harness	L30 carbon-wrapped 30-minute cylinder	No case	10095803
AirHawk II (2216)	Nylon with chest strap	Advantage 4000, medium, Hycar Rubber, polyester net head harness	Aluminum 30-minute cylinder	Hard case	10095804
AirHawk II (2216)	Nylon with chest strap	Advantage 4000, medium, Hycar Rubber, rubber head harness	Aluminum 30-minute cylinder	No case	10095805
AirHawk II (2216)	Nylon with chest strap	Advantage 4000, medium, Hycar Rubber, polyester net head harness	L30 carbon-wrapped 30-minute cylinder	Hard case	10095806
AirHawk II (2216)	Nylon with chest strap	Advantage 4000, medium, Hycar Rubber, polyester net head harness	L30 carbon-wrapped 30-minute cylinder	No case	10095807
AirHawk II (2216)	Nylon with chest strap	No facepiece	No cylinder	No case	10116783
AirHawk II (4500)	Kevlar with chest strap	Ultra Elite, medium, Hycar Rubber, Speed-ON Head Harness	45-minute carbon low profile	Hard case	10116452
AirHawk II (4500)	Nylon with chest strap	Advantage 4000, medium, Hycar Rubber, polyester net head harness	45-minute carbon low profile	Hard case	10116453
AirHawk II (4500)	Nylon without chest strap	Advantage 4000, medium, Hycar Rubber, polyester net head harness	45-minute carbon	No case	10116454
AirHawk II (4500)	Nylon without chest strap	Advantage 4000, medium, Hycar Rubber, rubber head harness	30-minute carbon	No case	10116781
AirHawk II (4500)	Nylon with chest strap	No facepiece	No cylinder	No case	10116782

# AirHawk® II Air Mask

## Ordering Selection Matrix

A	B	C	D	E	F	G	H	I	J	K	L	M
SCBA Type	Carrier/Harness Assembly	Lumbar Pad/Rescue Belt†	Cylinder	MMR Regulator Type	Air-Line Options	Emergency Breathing System	Facepiece	Nosecup	Head Harness	Communications	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	1 Firehawk PTC, QC, solid cover,	1 Snap-Tite Aluminum	1 Quick-Fill Shoulder Mounted	B Ultra Elite, Hycar, Small	1 Medium	1 Ultra Elite, Rubber, less neckstrap	B ClearCommand Ready	B ICM Tx with Heat Sensor	1 Hard Case
	C AirFrame, Nylon Harness, Steel Band, Plastic Buckle, Double Pull, W/Chest Strap	2 Standard Lumbar Pad	2 Hoop-Wound	2 Firehawk PTC, QC, solid cover,	2 Hansen SST	2 ExtendAire (EBS) with Dual Quick Connect*	C Ultra Elite, Hycar, Medium	2 Large	2 Ultra Elite, Speed-On, less neckstrap	C ClearCommand Amp	C ICM Tx without heat sensor	2 Soft Case
	D AirFrame, Nylon Harness, Double Band, Plastic Buckle, Double Pull, W/Chest Strap	3 Shoulder & Standard Lumbar Pad	3 30' Carbon	3 Firehawk STC, single hose, solid cover	3 Hansen Brass	3 Shoulder Mounted Quick-Fill & ExtendAire (EBS) with Dual Quick Connect	D Ultra Elite, Hycar, Large	Nosecup standard with Advantage 4000 Facepiece	3 Ultra Elite, Rubber, with neckstrap	D ClearCommand Amp, RI (Less PTT)	D ICM TxR with heat sensor	
	E AirFrame, Kevlar Harness, Fabric Band, Plastic Buckle, Double Pull	4 Swivelling Lumbar Pad	4 3AL Aluminum, Less air	4 Firehawk STC, QC, solid cover	4 Foster Steel	4 Ultra Elite, Silicone, Small	E Ultra Elite, Silicone, Medium		4 Ultra Elite, Speed-On, with neckstrap	Communications not compatible with Advantage 4000 Facepiece	E ICM TxR without heat sensor	
	F AirFrame, Kevlar Harness, Steel Band, Plastic Buckle, Double Pull, W/Chest Strap	5 Shoulder & Swivelling Lumbar Pad	5 Hoop-Wound, less air	5 Firehawk PTC, threaded hose, solid cover	5 Snap-Tite Locking Aluminum	5 Ultra Elite, Silicone, Medium	F Ultra Elite, Silicone, Large	5 Advantage 4000, Rubber	Neckstrap not available with Advantage 4000 Facepiece		F Pressure Gauge with HUD	
	G AirFrame, Kevlar Harness, Steel Band, Plastic Buckle, Double Pull	A Rescue Belt, Standard, 50"	6 30' Carbon, less air	6 Firehawk PTC, threaded hose, solid cover	6 Foster SST	G Ultra Elite, Silicone, Large	H Advantage 4000, Hycar, Small	6 Advantage 4000, Poly Net		G ICM TX with heat sensor with HUD		
	H AirFrame, Kevlar Harness, Steel Band, Plastic Buckle, Double Pull, W/Chest Strap	J Rescue Belt, Mid-Size, 50"	7 45' Carbon, low profile	T Firehawk, STC, threaded hose, solid cover	7 Snap-Tite SST	H Advantage 4000, Hycar, Small	J Advantage 4000, Hycar, Medium	7 Advantage 4000, Kevlar Net	H ICM TX without heat sensor with HUD			
	J AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Single Pull	N Rescue Belt II, w/hood, 50"	8 60' Carbon, less air	Cannot use Air-Line Option if Rescue Belt is chosen.		K Advantage 4000, Hycar, Large	L Advantage 4000, Silicone, Small		J ICM TxR with heat sensor with HUD			
	K AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Double Pull	P Rescue Belt II, w/carabiner, 50"		Firehawk slide regulators not compatible with Advantage 4000 Facepieces		L Advantage 4000, Silicone, Small	M Advantage 4000, Silicone, Medium		K ICM TxR without heat sensor with HUD			
L AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Single Pull, W/Chest Strap	R Rescue Belt II, w/hood, FireTech Rope, 50"				N Advantage 4000, Silicone, Large			L HUD Only				
M AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Double Pull, W/Chest Strap	S Rescue Belt II, w/carabiner, FireTech Rope, 50"											

† Standard Rescue Belt fits waist sizes up to 54 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.



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