

# AirHawk® II Air Mask

Industrial SCBA with enhanced options to fit many budgets.



WE KNOW WHAT'S AT STAKE.

# AirHawk II Air Mask

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

- 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

- 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



## G1 Upgrade Kits—Less Facepiece

PART NO.	Description
10193039	G1 AirHawk II, continuous hose, purge cover
10193162	G1 AirHawk II, quick-connect hose, purge cover
10193163	G1 AirHawk II, threaded hose, purge cover
10193164	G1 AirHawk II, continuous hose, hard cover
10193165	G1 AirHawk II, quick-connect hose, hard cover
10193166	G1 AirHawk II, threaded hose, hard cover
Z-S1AH2G1UPG*	Upgrade installation / flow test at an MSA Service Center

\* This part number is for installation and testing performed at an MSA in-house service center located in the US or Canada only. Upgrade/flow test may be performed by any CARE certified technician.





## 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.

# AirHawk II Air Mask

## 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.

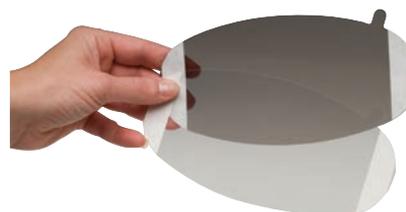
	Part Number	Description
SPECTACLE KIT	10029298	Prescription Eyeglass Kit for Advantage 4000 Facepiece, (S-7 shape, 44 mm lens)
	804638	Prescription Eyeglass Kit for Ultra Elite Facepiece (S-7 shape, 48 mm lens)



## 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
<b>L 2216</b> AirHawk II Air Mask  <b>H 4500</b> AirHawk II Air Mask	<b>A</b> AirFrame, Nylon Harness, Fabric Band, Plastic Buckle, Double Pull <b>B</b> AirFrame, Nylon Harness, Fabric Band, Plastic Buckle, Double Pull, W/Chest Strap <b>C</b> AirFrame, Nylon Harness, Steel Band, Plastic Buckle, Double Pull <b>D</b> AirFrame, Nylon Harness, Steel Band, Plastic Buckle, Double Pull, W/Chest Strap <b>E</b> AirFrame, Kevlar Harness, Fabric Band, Plastic Buckle, Double Pull <b>F</b> AirFrame, Kevlar Harness, Fabric Band, Plastic Buckle, Double Pull, W/Chest Strap <b>G</b> AirFrame, Kevlar Harness, Steel Band, Plastic Buckle, Double Pull <b>H</b> AirFrame, Kevlar Harness, Steel Band, Plastic Buckle, Double Pull, W/Chest Strap <b>J</b> AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Single Pull <b>K</b> AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Double Pull <b>L</b> AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Single Pull, W/Chest Strap <b>M</b> AirFrame, Shoulder Pads, Reflective Kevlar Harness, Steel Band, Metal Buckle, Double Pull, W/Chest Strap  <i>Options J and L can only be chosen if a rescue belt option is selected.</i>	<b>0</b> None <b>1</b> Shoulder Pad <b>2</b> Standard Lumbar Pad <b>3</b> Shoulder & Standard Lumbar Pad <b>4</b> Swiveling Lumbar Pad <b>5</b> Shoulder & Swiveling Lumbar Pad <b>N</b> Rescue Belt II, w/hood, 50" <b>P</b> Rescue Belt II, w/carabiner, 50" <b>R</b> Rescue Belt II, w/hood, FireTech Rope, 50" <b>S</b> Rescue Belt II, w/carabiner, FireTech Rope, 50"	<b>0</b> None <b>1</b> 3AL Aluminum <b>3</b> 30' Carbon <b>4</b> 3AL Aluminum, Less air <b>6</b> 30' Carbon, less air  <b>0</b> None <b>1</b> 30' Carbon <b>2</b> 45' Carbon <b>3</b> 45' Carbon, low profile <b>4</b> 60' Carbon <b>5</b> 30' Carbon, less air <b>6</b> 45' Carbon, less air <b>7</b> 45' Carbon, low profile, less air <b>8</b> 60' Carbon, less air	<b>A</b> Firehawk PTC, single hose, solid cover <b>B</b> Firehawk PTC, QC, solid cover <b>C</b> Firehawk STC, single hose, solid cover <b>D</b> Firehawk STC, QC, solid cover <b>S</b> Firehawk PTC, threaded hose, solid cover <b>T</b> Firehawk STC, threaded hose, solid cover  <i>Firehawk slide regulator not compatible with Advantage 4000 Facepieces</i>	<b>0</b> None <b>1</b> Snap-Tite Aluminum <b>2</b> Hansen SST <b>3</b> Hansen Brass <b>4</b> Foster Steel <b>5</b> Snap-Tite Locking Aluminum <b>6</b> Foster SST <b>7</b> Snap-Tite SST  <i>Cannot use Air-Line Option if Rescue Belt is chosen.</i>	<b>0</b> None <b>1</b> Quick-Fill Shoulder Mounted <b>2</b> ExtendAir (EBS) with Dual Quick Connect * <b>3</b> Shoulder Mounted Quick-Fill & ExtendAir (EBS) with Dual Quick Connect	<b>A</b> None <b>B</b> Ultra Elite, Hycar, Small <b>C</b> Ultra Elite, Hycar, Medium <b>D</b> Ultra Elite, Hycar, Large <b>E</b> Ultra Elite, Silicone, Small <b>F</b> Ultra Elite, Silicone, Medium <b>G</b> Ultra Elite, Silicone, Large <b>J</b> Advantage 4000, Hycar, Medium <b>K</b> Advantage 4000, Hycar, Large <b>L</b> Advantage 4000, Silicone, Small <b>M</b> Advantage 4000, Silicone, Medium <b>N</b> Advantage 4000, Silicone, Large	<b>0</b> None <b>1</b> Medium <b>2</b> Large  <i>Nosecup standard with Advantage 4000 Facepiece</i>	<b>0</b> None <b>1</b> Ultra Elite, Rubber, less neckstrap <b>2</b> Ultra Elite, Speed-On, less neckstrap <b>3</b> Ultra Elite, Rubber, with neckstrap <b>4</b> Ultra Elite, Speed-On, with neckstrap <b>5</b> Advantage 4000, Rubber <b>6</b> Advantage 4000, Poly Net <b>7</b> Advantage 4000, Kevlar Net  <i>Neckstrap not available with Advantage 4000 Facepiece</i>	<b>A</b> None <b>B</b> ClearCommand Ready <b>C</b> ClearCommand Amp <b>D</b> ClearCommand Amp, RI (Less PTT)  <i>Communications not compatible with Advantage 4000 Facepiece</i>	<b>A</b> Pressure Gauge <b>F</b> Pressure Gauge with HUD <b>L</b> HUD Only	<b>0</b> None <b>1</b> Hard Case <b>2</b> Soft Case

† Standard Rescue Belt fits waist sizes up to 54 inches.  
 \* NIOSH Approved, Non NFPA Compliant

Column: A B C D E F G H I J K L M

A-A2

PART NUMBER  QUANTITY

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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