FireHAWK™
Air Mask

Wide-view Ultra Elite®
Facepiece with
Kevlar SpeeD-ON®
Head Harness

High-Visibility
Reflective Panels

ExtendAire™ Emergency
Breathing System

Airframe Carrier and
Harness with Large
Side Handles
and Carabiner
Attachment Point

Wireless Nightfighter™
Heads-Up Display with
Auto Dim Feature and
Buddy Light

Inside HUD View

*One-Way Inhalation
Check Valve for Ultra
Elite Facepiece*

ICM® 2000
or 2000 Plus
Integrated PASS
with Data Logging

Optional 6-way
Swiveling
Lumbar Pad

Double-pull
Kevlar Waist Belt

Firehawk™ MMR

Luminescent
Cylinder Band

First-Stage Regulator
with Sliding Bracket

Stainless Steel
Parachute-Style Buckle

Open-form Stainless
Steel Cylinder Band

Quick-Fill
RIC Connection
with Audi-Larm™
Audible Alarm

FireHawk

MSA's NEW **FireHawk™ Air Mask** is the premier self-contained breathing apparatus for the municipal fire service. Designed with the input of hundreds of firefighters, and including a multitude of MSA's exclusive features, the new FireHawk Air Mask truly embodies *Safety, Simplicity, and Reliability*.

Safety –

Understanding that "protecting the protector" has been our calling for 90 years, MSA works hard to provide firefighters with the **most safety features available** on any SCBA. Listed here are just a few of them:

■ MSA's **patented Quick-Fill® System** makes every MSA SCBA capable of both **receiving and donating** air to firefighters in need. Although the NFPA standard requires all brands of SCBA to incorporate a receive-only RIC connection, only the MSA Air Mask can make full utilization of the fitting with our exclusive transfilling capability.

■ An NFPA-compliant emergency egress system, integral to the SCBA waist belt, is available as an option. This **Rescue Belt** comes complete with Kevlar line (50 ft. or 75 ft.) and rappelling hardware.

■ The all new Airframe™ carrier and harness comes standard, with large **side handles** and a central **attachment point** for pulling firefighters to safety in rescue scenarios.

■ MSA's Ultra Elite® Facepiece is designed with a **one-way check valve** to prevent against cross-contamination among firefighters. Although regulators are shared among users, harmful pathogens (*SARS, hepatitis, flu virus*) are kept within each individual-issue facepiece.

■ **Wireless electronics** add safety benefits by eliminating snag hazards that can accompany unnecessary wires on an SCBA.

■ **CBRN positive protection** is provided by MSA's exclusive Tetraplex™ shield, which serves as the first line of defense in preventing chemical warfare agents from initial contact with the critically important second-stage diaphragm.

■ A new **flow-control cylinder valve** reduces the propulsive thrust of cylinders if they are accidentally opened without proper restraint.

■ A **buddy light** on the MSA heads-up display lets others know when you are low on air, reinforcing the distinct communication of the Audi-Larm® warning device.

■ The Heads-Up Display has an **automatic dimming feature** in low ambient light to protect the visibility of firefighters.

Simplicity –

The new FireHawk Air Mask has been designed to be **simple to use** and **easy to own**. Ease of use is accomplished with more user options than any SCBA on the market. Ease of ownership speaks to the Air Mask's low cost of ownership and MSA's long-standing commitment to providing customers with the upgrade options they need. Here are just a few examples.

■ An optional **swiveling lumbar pad** for maximum freedom of movement and comfort when crawling or climbing.

■ A **slide-to-connect** or **push-to-connect** regulator attachment to meet the widest range of your preferences.

■ An integrated shut-off to prevent the loss of cylinder air when disconnecting the second-stage regulator.

■ An **open-form cylinder band** to allow rapid drop-in cylinder replacement, eliminating webbing adjustments and secondary retaining clips.

■ Modular **"stand alone"** electronic components for easy maintenance, with no wires to route and no complicated mounting brackets.

■ A **power-saving mode** on the heads-up display, which is set as a default to maximize battery life, with a continuous-on mode that can be selected to provide a constant LED display.

■ An optional ICM (integrated control module) that serves as an integrated PASS and low-pressure warning device, with an optional digital display of cylinder pressure and time remaining. This ICM is also available with **data logging and downloading** capabilities, to track the most recent 30 hours of use.

■ A maintenance policy that delivers the **lowest possible cost of ownership**, based on the frequency of use of the Air Mask. For many departments, this means only conducting an annual flow test according to the NFPA 1852 standard. Even a busy department using one cylinder every other day would find the cost of maintaining an SCBA to be less than $7 per year.

■ State-of-the-art regulator designs that have among the **fewest number of parts** in the industry. The Firehawk regulator requires no tools, lubricants, or sealants in its maintenance.

■ NFPA and CBRN **upgrade kits** to help users meet the most current performance standards.

ClearCommand®
Communication System

Reliability –

Because your life depends on it, your SCBA **must be reliable**. To help ensure continuous reliability of the Air Mask, MSA uses the most progressive design, manufacturing, and quality assurance practices globally available. We also keep you informed to ensure the continued safe and reliable operation of your MSA Air Mask in the field. Listed are just a few key contributors to the Air Mask's historic reliability.

■ **In-house manufacturing** of nearly every pneumatic, electronic, and structural component of the Air Mask to ensure optimal quality and performance.

■ Use of the highest quality and grades of stainless steel and aluminum with select blends of Kevlar, rubber, and plastic molding compounds for the highest strength and durability.

■ **Teflon hard-coat anodized** valve bodies to minimize the friction of internal components and maximize their service life.

■ Electronics designed for ruggedness and immunity to **fire ground RFI** (radio frequency interference). The Air Mask's electronics must first pass through MSA's stringent in-house RFI testing chamber to ensure reliable operation before you use them.

■ **100% inspection** of all Air Mask critical attributes in production.

■ An **ISO 9001:2000** certified organization.

■ **Responsible maintenance policies** communicated to users by direct mail and over the internet, with the appropriate training and technical updates to help ensure the continued dependable operation of the Air Mask.

■ A "best-in-class" service network with over **2,000 certified repair facilities** and a team of service specialists, committed to resolving customer issues any time, anywhere, all backed by a **lifetime warranty**.

Quick-Fill® RIC System

CBRN Firehawk MMR

Firehawk™ MMR
Push-to-Connect (PTC)

Firehawk™ MMR
Slide-to-Connect (STC)

Ordering Information

FireHawk™ Air Mask
(NFPA 1981-2002 Edition Compliant)

SCBA Type	Carrier/Harness Assembly	Lumbar Pad/Rescue Belt†	Cylinder	MMR Regulator Type	Air-Line Options	Emergency Breathing System	Faecpiece	Nosecup	Head Harness	Gauge/ Integrated PASS	Case
UM 2216 Firehawk Air Mask	A Airframe Single Pull without Chest Strap B Airframe Double Pull without Chest Strap C Airframe Single Pull with Chest Strap	0 None 1 Lumbar Pad 2 Swiveling Lumbar Pad A Rescue Belt - Standard 50' B Rescue Belt - Standard 75' C Rescue Belt - Long 50'	0 None 3 30' Carbon	E Firehawk STC, Threaded, Solid Cover F Firehawk STC, QC, Solid Cover G Firehawk PTC, Threaded, Solid Cover H Firehawk PTC, QC, Solid Cover	0 None 1 Foster 2 Hansen	0 None 1 Quick-Fill Shoulder Mounted* 3 ExtendAire (EBS) with Dual Quick-Connect** 4 Shoulder Mounted Quick-Fill & ExtendAire (EBS) with Dual Quick-Disconnect	A None B Ultra Elite Hycar, Small C Ultra Elite Hycar, Medium D Ultra Elite Hycar, Large E Ultra Elite Silicone, Small	0 None 1 Medium 2 Large	0 None 1 Rubber less Neckstrap 2 SpeeD-ON less Neckstrap 3 Rubber with Neckstrap 4 SpeeD-ON with Neckstrap	0 None 1 Pressure Gauge 2 ICM 2000 Plus with heat alarm 3 ICM 2000 Plus without heat alarm 4 ICM 2000 with heat alarm 5 ICM 2000 without heat alarm	0 None 1 Hard Case 2 Soft Case
MM 3000 Firehawk Air Mask	D Airframe Double Pull with Chest Strap	D Rescue Belt - Long 75' E Swiveling Rescue Belt - Standard 50' F Swiveling Rescue Belt - Standard 75' G Swiveling Rescue Belt - Long 50'	0 None 1 30'+ Carbon		If options 1 or 2 are chosen, the carrier/harness assembly must be a single pull (options A or C).		F Ultra Elite Silicone, Medium G Ultra Elite Silicone, Large				
CM 4500 Firehawk Air Mask	Options A & C can only be chosen if either a rescue belt or an air-line option is selected.	H Swiveling Rescue Belt - Long 75' If choosing a rescue belt, the carrier/harness assembly must be a single pull (options A or C).	0 None 1 30' Carbon 2 45' Carbon 3 45' Carbon Low-Profile 4 60' Carbon			*MM is not compatible with Quick-Fill Option **ExtendAire is not compatible with air-line options.					

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

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Part Number

CBRN Compliant FireHawk™ Air Mask
(NFPA 1981-2002 Edition Compliant)
(NIOSH 42 CFR Part 84 CBRN Certified)

SCBA Type	Carrier/Harness Assembly	Lumbar Pad/Rescue Belt†	Cylinder	MMR Regulator Type	Air-Line Options	Emergency Breathing System	Faecpiece	Nosecup	Head Harness	Gauge/ Integrated PASS	Case
UM 2216 Firehawk Air Mask	A Airframe Single Pull without Chest Strap B Airframe Double Pull without Chest Strap C Airframe Single Pull with Chest Strap	0 None 1 Lumbar Pad 2 Swiveling Lumbar Pad A Rescue Belt - Standard 50' B Rescue Belt - Standard 75' C Rescue Belt - Long 50'	0 None 3 30' Carbon	N CBRN Firehawk STC, Threaded, Solid Cover Q CBRN Firehawk STC, QC, Solid Cover R CBRN Firehawk PTC, Threaded, Solid Cover S CBRN Firehawk PTC, QC, Solid Cover	0 None	0 None 1 Quick-Fill Shoulder Mounted 3 ExtendAire (EBS) with Dual Quick-Connect 4 Shoulder Mounted Quick-Fill & ExtendAire (EBS) w/ Dual Quick-Disconnect	A None B Ultra Elite Hycar, Small C Ultra Elite Hycar, Medium D Ultra Elite Hycar, Large	0 None 1 Medium 2 Large	0 None 2 SpeeD-ON less Neckstrap 4 SpeeD-ON with Neckstrap	0 None 1 Pressure Gauge 2 ICM 2000 Plus with heat alarm 3 ICM 2000 Plus w/o heat alarm 4 ICM 2000 with heat alarm 5 ICM 2000 without heat alarm	0 None 1 Hard Case 2 Soft Case
CM 4500 Firehawk Air Mask	D Airframe Double Pull with Chest Strap Options A & C can only be chosen if either a rescue belt or an air-line option is selected.	D Rescue Belt - Long 75' E Swiveling Rescue Belt - Standard 50' F Swiveling Rescue Belt - Standard 75' G Swiveling Rescue Belt - Long 50' H Swiveling Rescue Belt - Long 75' If choosing a rescue belt, the carrier/harness assembly must be a single pull (options A or C).	0 None 1 30' Carbon 2 45' Carbon 3 45' Carbon Low-Profile 4 60' Carbon								

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

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Part Number

FireHawk™ Air Mask equipped with optional rescue belt

ICM® 2000 Plus Integrated PASS

ICM® 2000 Integrated PASS

Kevlar support line in 50' and 75' lengths

Carbon-Wrapped Cylinders

Featuring a unique outerwrap made of lightweight, high-performance carbon fibers, which reduces cylinder weight by two to six pounds when compared to fiberglass-wrapped cylinders and as much as ten pounds when compared to aluminum cylinders. They are available in five models to accommodate a wide range of applications.

Cylinder Type (Cylinder & Valve)	NIOSH Service Rating Life	Pressure (psig)	Weight* (empty)	Part No.
L-30	30'	2216 psig	7 lb – 9 oz.	807586
L30+	30'	3000 psig	10 lb – 2 oz.	816115
H-30	30'	4500 psig	7 lb – 3 oz.	807587
H-45	45'	4500 psig	10 lb – 9 oz.	807570
H-45 Low-Profile	45'	4500 psig	10 lb – 6 oz.	10035644
H-60	60'	4500 psig	12 lb – 11 oz.	807588

*All weights shown are approximate figures.

PremAire® Systems for Confined Space Applications

PremAire Systems for Confined Space, equipped with nomex harness, left hip carbon escape cylinder, NFPA medium Ultra Elite facepiece and aluminum Snap-Tite quick-disconnect (other options available)

Firehawk STC

5 min. cylinder	C-PS 320E21M15B0
10 min. cylinder	C-PS 360E21M15B0

Firehawk PTC

5 min. cylinder	C-PS 320G21M15B0
10 min. cylinder	C-PS 360G21M15B0

Air-Line Supply Hose

50 foot Neoprene	455022
8 foot Neoprene	481071

Facepiece Assemblies for the FireHawk Air Masks

NFPA-compliant.

Ultra Elite MMR Facepiece, SpeeD-ON Head Harness, Nosecup and HUD Bracket

Firehawk STC		Firehawk PTC	
Small	10024421	*Small*	10035684
Medium	10024411	*Medium*	10035682
Large	10024431	*Large*	10035686

APR Adapter

Firehawk STC	Firehawk PTC
10032511	10040052

ClearCommand® Communications System for Ultra Elite® Facepieces

Amplifier Kit, complete with microphone	10024074
Amplifier Radio Interface Kit, w/ microphone, less PTT	10051290
Microphone Kit, with mounting bracket	10023055

Emergency Breathing Accessories

Quick-Fill 3-foot emergency transfill hose in Kevlar pouch	485366
ExtendAire Hose and Pouch	812973

Rescue Belt

50 foot standard waistbelt	10052766
75 foot standard waistbelt	10052768

RescueAire™ II Portable Air Supply System

Low-Pressure (2216 psig)

RescueAire II, Firehawk STC MMR with L-30 Cylinder	10041196
RescueAire II, Firehawk PTC MMR with L-30 Cylinder	10041230

High-Pressure (4500 psig)

RescueAire II, Firehawk STC MMR with H-60 Cylinder	10041195
RescueAire II, Firehawk PTC MMR with H-60 Cylinder	10041199