PRODUCT CATALOG

ADG
AIRBOSS DEFENSE GROUP

ABOUT US

AIRBOSS DEFENSE GROUP (ADG) provides military, first responder, and healthcare professionals worldwide with a growing and diverse product portfolio, and we pride ourselves on being a survivability solutions provider. We specialize in manufacturing products developed from established military specifications and independently through AirBoss R&D activities. We believe dangerous operating conditions should never be a limiting factor to mission accomplishment, so we design products that offer individuals operating in the world's most hazardous environments the ability to give their full attention to the job at hand.

ADG was founded in January 2020 with the merger of AirBoss Defense, a global leader in Chemical, Biological, Radiological, and Nuclear (CBRN) Personal Protective Equipment (PPE), and Critical Solutions International, an industry leader that delivers best-in-class route clearance and counter-IED solutions that confront ever-evolving threats. The company further expanded in May 2021 when it merged with BlackBox Biometrics, the world leader in wearable sensor technology cable of instantly assessing blast overpressure exposure that can cause traumatic brain injury. ADG is also recognized for its rapidly deployable decontamination shelters, patient isolation systems, and respiratory protection equipment that meet a growing list of threats. Today, the combined company includes over 330 employees in five North American locations and has customers in over 81 countries worldwide.

Ribbon-Cutting Ceremony at Jessup, MD Headquarters, October 14, 2021

ADG
AIRBOSS DEFENSE GROUP

OUR CUSTOMERS

ADG customers include military, first responders, and healthcare workers serving on front lines around the world. ADG products offer ultimate protection to enable mission success.

OUR LOCATIONS

We have locations across North America where we conduct research and development, product development and testing, manufacturing, and world-class customer support activities.

Canada
970 Rue Landry
Acton Vale, QC J0H 1A0
+1 (450) 546-2776

Michigan
2600 Auburn Court
Auburn Hills, MI 48326
+1 (248) 852-5500

New York
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Rochester, NY 14623
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3015 Dunes West Blvd, Suite 509
Mount Pleasant, SC 29466
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AIRBOSS RESPIRATORY PROTECTION

Proven respiratory and wearable protective equipment enabling users to conduct mission-critical activities in the most hazardous of environments.

RESPIRATORS

Scalable personal protection from a full range of respiratory hazards and Chem-Bio threats for defense, medical, and law enforcement personnel operating in high-risk areas.

AIRBOSS LOW BURDEN MASK (LBM)

Providing outstanding protection with an industry-leading design, the LBM offers the best balance of operational capability, comfort, and protection. The LBM is one of the lightest military respirators available and offers optimum weight distribution, and minimal breathing resistance.

KEY FEATURES

Comfortable secure fit
Unique stretching fabric with two points of adjustment. The frontal fused attachment prevents hotspots and rubbing, even when worn with a helmet.

Mission configurable
Compatible with most SCBAs and PAPRs for operation-driven protection.

Enhanced visual acuity
Ballistic-, scratch- and fog-resistant lens with superior field of view.

Safe hydration
Easy-to-use drinking system connects to a canteen for user hydration without contamination.

Tailorable optical protection
Optional clear, sun, and laser protective outserts for specific operational needs.

Vision correction system
An optional optical insert carrier can be fitted with your single-vision prescription (Rx) lenses (provided by your optician) and clipped inside the mask.

LOW BURDEN MASK	
Part Number	**095110A01** (Without sun visor)
See index for a complete listing of part numbers.	
Weight	1.08 lb (490 g) per unit (size L, without filter)
Facepiece	Bromobutyl rubber
Inner Mask	Silicone
Value Discs	Silicone, natural rubber
Lenses	Polycarbonate ballistic lens
Color	Black
Sizes	Small (S), Medium (M), Large (L), and Extra Large (XL)
Shelf Life	15 years in original packaging
Packaging	Vacuum foil bag
Optional prescription Optical Inserts available.	

Pressure adjustable
A positive pressure module (PPM) attachment allows the mask to switch between negative and positive pressure.

Clear communication
An optional voice projection unit (VPU) accessory allows the user to amplify and project their voice for increased clarity.

Filter interoperability
40mm standard NATO filter threads allow the mask to be used with multiple filter options.

LBM OUTSERT VISORS

Over the last decade, reported laser strikes have risen exponentially. Laser threats are not only more prevalent, they are also more diverse. Our unique Laser Outsert Visors, specially developed for the AirBoss Low Burden Mask (LBM), offer precise eye defense against various light energy wavelengths, including harmful and invisible near-infrared energy. Our LBM Outsert Visors offer various forms of protection, including sun protection, scratch protection or improved contrast/blue blocker.

LBM LASER OUTSERT VISORS						
Color	Part Number	SIZE	PRODUCT NAME	PROTECTED LASERS	OPTIMIZED PROTECTION	VISIBLE LIGHT TRANSMISSION (VLT) *Photopic/Scotopic*
Green	095505B01-SM--A 095505B01-LXL-A	Small / Medium Large / Extra Large	G6-AB	Violet Blue	694.3nm 0D 41064nm 0D4	45% / 40%
Orange	095506A01-SM--A 095506A01-LXL-A	Small / Medium Large / Extra Large	FT-AB	Violet Blue Green	405nm 0D4 445nm 0D4 532nm 0D3	42% / 6%
Brown	095509A01-SM--A 095509A01-LXL-A	Small / Medium Large / Extra Large	GI-AB	Violet Blue Green NIR	405nm 0D5 445nm 0D5 532nm 0D3 800nm–820nm 0D3 820nm–900nm 0D4 1064nm 0D6	25% / 4%

LBM OUTSERT VISORS			
Color	Part Number	SIZE	PRODUCT DESCRIPTION
Smoke	095510A01-SM--A 095510A01-LXL-A	Small / Medium Large / Extra Large	Smoke visor with sun protection
Dark Smoke	095502D01-SM--A 095502D01-LXL-A	Small / Medium Large / Extra Large	Dark smoke visor with sun protection
Clear	095507D01-SM--A 095507D01-LXL-A	Small / Medium Large / Extra Large	Clear visor with scratch protection
Yellow	095501-SM--A 095501-LXL-A	Small / Medium Large / Extra Large	Yellow visor with improved contrast/blue blocker

There is a minimum order quantity of 500 for laser and outsert visors. Smaller quantities may be available, contact us to verify availability.

AIRBOSS C4
CBRN GAS MASK

The AirBoss C4 Gas Mask is a trusted air-purifying respirator choice for protection by military, police, and first responders worldwide. The butyl rubber is tested in the harshest conditions and is proven to protect users against chemical warfare agents (CWA), toxic industrial chemicals (TIC), and biological agents. With an optimal balance of performance and comfort, it has been a mask of choice for over a decade, and it's still going strong.

KEY FEATURES

Comfortable and secure fit
A breathable mesh head harness for easy long-duration wear with head gear, and two adjustment points for fast donning and doffing.

Interchangeable filters
EN 148-1 40mm NATO filter threads for use with any AirBoss filter. They can be used on either the left or right side for a clear view with weapon sights.

Operation-driven optics
Shatterproof and replaceable polycarbonate ballistic lenses for superior operational performance and protection.

Vision Correction System
An optional optical insert carrier can be fitted with your single-vision prescription (Rx) lenses (provided by your optician) and clipped inside the mask.

C4 CBRN MASK	
Part Number	088011C01
See index for a complete listing of part numbers.	
Weight (Without Filter)	1 lb (454 g) per unit (size M)
Lenses	Polycarbonate, ballistic lenses
Operational Range	–26°F to 158°F (–32°C to 70°C)
Storage	–67°F to 140°F (–55°C to 60°C)
Color	Black
Sizes	Extra Small (XS), Small (S), Medium (M), and Large (L)
Shelf Life	15 years in original packaging
Packaging	Vacuum foil bag

Audible speech transmission
Front and side speech transmitters, and usable with an optional AirBoss Voice Projection Unit (VPU) for clear, audible speech.

Safe hydration
Useable with CBRN canteens and CamelBaks for safe hydration when it's needed most.

Protection
24-hour defense against chemical warfare agents (CWA), toxic industrial chemicals (TIC), and biological agents.

AIRBOSS C420 PAPR SYSTEM

The C420 PAPR system filters contaminants from ambient air and provides constant, filtered airflow to the facepiece. It is the most popular first-responder PAPR system in the world and has been proven in military, tactical, aviation, and industrial applications.

KEY FEATURES

Cool, filtered airflow offers a high degree of comfort, extending user operational endurance for long durations, even in the harshest environments. The C420 is a time-tested choice among military, law enforcement, and first responders.

Decontaminable and lightweight
Our unique design allows the C420 PAPR system to remain economical in weight while simultaneously decontaminable after contact with contaminants.

Battlefield proven technology
Developed alongside military professionals to be best suited for their needs.

Our C420 PAPR system is NIOSH certified with FR-C2A1 or M96 filters
- TC-23C-2457
- TC-23C-2469

CBRN NIOSH certified with CAP 1 filters
- TC-14G-0317

C420 PAPR SYSTEM	
N-60198-001	PAPR Kit With Hydration & Bladder
N-60199-001	PAPR Kit
CBRN1-HRS-30-B	CBRN PAPR Kit

*Options for Hydration port (H/N), left or right side (L/R) & Promask 2000 size (5/M)

See index for a complete listing of part numbers.

Battery	Non-rechargeable operates 7+ hours Rechargeable operates 4 hours
Flow Rate	From 115 to 140 lpm Exceeds NIOSH minimum requirements
Temperature Range	–26°F to 120°F (–32°C to 49°C)
Electromagnetic Interference (Emi)	MIL-STD-461C, Part 4, RE102
Environmental	Water and dust protection to IP68 with inlet and outlet ports covered
Expected Working Life	1,000 hrs (per EA-DTL-1827)
Overall Dimensions	8.12" W x 9" H x 3" D (206 x 229 x 76 mm)
Weight	1.44 lb (653 g) blower only 3.75 lb (1.7 kg) with 2 cartridges and battery
Connection	EN 148-1 (40mm) NATO thread
Material	Noryl
Color	Black
Configurations	Single Speed Single Speed with remote cable 3 Speed 3 Speed with remote cable Low flow and voltage

*C420 is certified in Single Speed and Single Speed with Remote Cable only.

CBRN certification is in single speed configuration.

AIRBOSS FLEXAIR® PAPR SYSTEM

The FlexAir® is a NIOSH-approved, compact, and lightweight Powered Air-Purifying Respirator (PAPR) providing filtered particulate protection at 99.97% efficiency.

KEY FEATURES

Filtered air is delivered through the waist-mounted blower unit to the user's headpiece via a lightweight and flexible breathing hose. The flexible design permits multiple filter configurations providing NIOSH-approved biological and/or chemical protection tailored to the environment.

Simple and easy-to-use design
A simple design with filter, hose, charging ports, and an on/off switch allows for easy, straightforward operation, permitting the provider to focus on patient care while knowing they are protected.

Lightweight and compact blower
The comfortable, waist-mounted blower weighs just 1.3 pounds, including the onboard battery, in a compact 3-inch by 5-inch square box threaded on an adjustable belt.

Ultimate respiratory protection
Use in a two-filter, high-efficiency configuration for biological protection, or a three-cartridge combination for protection against organic vapors, acid gases, ammonia, formaldehyde, methylamine, and particulates.

Comfortable extended wear
More comfort and flexible applications promote maximum use for extended periods, ensuring protection to providers in any circumstance.

Reduced user burden
Exceeds NIOSH airflow requirements of 170 liters per minute (lpm), reducing pulmonary stress and risk of respiratory illness. The design provides the highest levels of protection without interfering with patient care or additional strain on the healthcare provider.

Advanced warning system
Two independent, audible alarms for low airflow and low battery facilitate safe and timely exits from contaminated areas.

FLEXAIR® PAPR	
Part Number	N-60180-001 (Blower kit only)
See index for a complete listing of part numbers.	
NIOSH Approvals	TC-21C-0809, TC-21C-0840, TC-23C-2458, TC-23C-2848, TC-23C-2497
Flow Rate	Greater than 170 lpm
Battery Type	Integrated lithium battery
Battery Life	Up to 500 charge/discharge cycles
Battery Duration	Up to 7.5 hours on a full charge
Filter and Cartridge Options	Three M96 Cartridges (HE/AM/CD/CL/FM/HC/HF/MA/OV/SD) or two HE 100 Cartridges (particulates, aerosols, bio-hazards)
Weight of FlexAir	1.32 lb (596 g) blower with battery 1.74 lb (786 g) with two HE 100 filters 3.87 lb (1.76 kg) with three M96 cartridges
FlexAir PAPR Blower Dimensions (Without Cartridges)	Width: 3.70 in (94 mm) Height: 5.27 in (134 mm) Length: 4.15 in (106 mm)
Accessories	Loose-fit visor w/drawstring Loose-fit visor w/cape

AIRBOSS 100®
HALF MASK RESPIRATOR

Protect yourself and those around you with the NIOSH approved AirBoss 100® Half Mask Respirator. It's the next step forward in personal protective equipment (PPE) for healthcare workers, law enforcement, and first responders. The AirBoss 100® Half Mask is an easy-to-use, affordable, reusable mask that carries the protective power of the N100 filter, and its lightweight, comfortable design reduces discomfort from long-term respirator wear. The AirBoss 100 is proudly made in the USA.

KEY FEATURES

Two-way protection
The AirBoss 100® Half Mask is one of the first respirators to filter both inhalation and exhalation, offering N100 protection to the user and environment on every breath.

High-performance filtration
The AirBoss N100 filter protects against > 99.97% of particulates while providing excellent moisture management, clear voice transmission, and low breathing resistance.

Soft interior conforms to your face
Features a flexible nose cup for improved facial fit, a comfortable head harness, and low breathing resistance to help reduce discomfort from long-term respirator wear.

Visor attachment
An easily mounted visor accessory offers a broader level of protection for the user's face and eyes.

AIRBOSS 100® HALF MASK RESPIRATOR	
Part Number	**41000** (Small/Medium)
Part Number	**41007** (Large/Extra Large)
See index for a complete listing of part numbers.	
Filtration	Inhalation and exhalation
Filter	N100 (>99.97 of particulates)
Dimensions	5.19" x 4.76" x 4.84" (13.2 x 12.1 x 12.3 cm)
Weight	4.7 oz (133 g) nominal
Color	2-tone assembly: grey and white
Sizes	S/M and L/XL
Accessories	N100 filter Visor and visor clips Head harness Visor clips

KEY BENEFITS

- Filtered inhalation and exhalation
- Designed to protect against >99.97% of particulates
- Comfortable extended wear
- Clear voice transmission

FILTRATION

AirBoss cartridges and filters are designed to protect against a wide range of chem-bio agents and contaminants. They can be used individually or in a dual configuration for maximum effect in the harshest environments.

CBRN CAP 1 CARTRIDGE

The CBRN CAP 1 cartridge is an integral subsystem of the ADG CBRN CAP 1 C420 PAPR System.

It provides protection against particulates, toxic chemicals, and chemical warfare agents.

PROTECTS AGAINST THE FOLLOWING

- Particulates
- Ammonia
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide
- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Formaldehyde Family
- Nitrogen Oxide Family

CBRN CAP 1 CARTRIDGE			
Part Number	CBRN-70027-001	CBRN-70027-020	CBRN-70027-480
Quantity	1 unit	20 per case	480 per pallet
Certification	NIOSH certified		
Shelf Life	10 years in original foil-sealed packaging		
Dimensions	Height: 3.50 in (89 mm) Diameter: 4.57 in (116 mm)		
Weight	13.4 oz (380g)		
Connection	EN 148-1 (40mm) NATO thread		
Material	Noryl GFN1		
Color	Black		
Breathing Resistance (Nominal)	42 mm H_2O at airflow rate of 85 lpm		
Filter Efficiency	P100 (>99.97%)		

M96 CARTRIDGE

The M96 Cartridge is designed with activated impregnated carbon to remove harmful gases and vapors.

The AirBoss Defense M96 Cartridge has been tested against military and NIOSH protocols and found to be effective against a broad spectrum of chemical warfare agents (CWA) and toxic industrial chemicals (TIC).

PROTECTS AGAINST THE FOLLOWING

- Particulates
- Ammonia
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide
- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Formaldehyde Family
- Nitrogen Oxide Family

M96 CARTRIDGE			
Part Number	S-70020-F01	S-70020-F20	S-70020-F480
Quantity	1 unit	20 per case	480 per pallet
NSN	4240-01-574-9568		
Certification	NIOSH certified		
Shelf Life	10 years in original foil-sealed packaging		
Dimensions	Height: 3.50 in (89 mm) Diameter: 4.57 in (116 mm)		
Weight	13.4 oz (380 g)		
Connection	EN 148-1 (40mm) NATO thread		
Material	Noryl GFN1		
Color	Black		
Breathing Resistance (Nominal)	42 mm H_2O at airflow rate of 85 lpm		
Aerosol Protection	P100 (>99.97%)		

M96 CE CARTRIDGE

The M96 CE Cartridge uses a mechanical filter for greater airflow, allowing easy removal of solid and liquid aerosols such as biological agents and radiological particles. It also uses activated, impregnated carbon to remove harmful gases and vapors.

AirBoss Defense M96 CE Cartridge has been tested against military and EN-14387 protocols and is proven effective against various chemical warfare agents (CWA) and toxic industrial chemicals (TIC).

PROTECTS AGAINST THE FOLLOWING

- Particulates
- Ammonia
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide

- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Formaldehyde Family
- Nitrogen Oxide Family

M96 CE CARTRIDGE	
Part Number	S-70033-001
Part Number	088881
Certification	CE 0598 Certified to EN 14387 A2B2E2K1SXP3 D R in compliance with PPE directive 89/686/EEC
Shelf Life	10 years in original foil-sealed packaging
Dimensions	Height: 3.50 in (89 mm) Diameter: 4.57 in (116 mm)
Weight	13.4 oz (380 g)
Connection	EN 148-1 (40mm) NATO thread
Material	Noryl GFN1
Color	Black
Breathing Resistance (Nominal)	60 mm H_2O at airflow rate of 95 lpm
Aerosol Protection	P3 (EN 143)

FR-C2A1 CARTRIDGE

Protects the user against a broad spectrum of particulates, gases, and military chemical warfare agents.

The FR-C2A1 Cartridge is a mechanical cartridge designed with activated impregnated carbon to remove harmful gases and vapors.

PROTECTS AGAINST THE FOLLOWING

- Particulates
- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Cyanogen Chloride
- Cyclohexane
- Hydrogen Cyanide
- Hydrogen Sulfide
- Nitrogen Dioxide

- Phosgene
- Phosphine
- Sulfur Dioxide
- Organic Vapors
- Acid Gases
- Hydride Family
- Nitrogen Oxide Family

FR-C2A1 CARTRIDGE			
Part Number	S-70019-F01	S-70019-F20	S-70019-F480
Quantity	1 unit	20 per case	480 per pallet
Certification	NIOSH certified		
Shelf Life	10 years in original foil-sealed packaging		
Dimensions	Height: 3.00 in (76 mm) Diameter: 4.23 in (107 mm)		
Weight	8.8 oz (249 g)		
Connection	EEN 148-1 (40mm) NATO thread		
Material	Noryl GFN1		
Color	Green		
Breathing Resistance (Nominal)	40 mm H_2O at airflow rate of 85 lpm		

RIOT CONTROL CARTRIDGE COMING SOON

The Riot Control Cartridge is a solution specifically designed to protect against riot control agents and gases.

KEY FEATURES

Designed with a standard 40mm thread connection, it's compatible with multiple respiratory protection systems. The low profile and lightweight design provide high protection levels with minimal additional strain on the user.

Compatible with most masks

Designed with standard 40mm NATO threads to be used interchangeably with most masks.

Seamless integration with protective gear

The low profile and lightweight filter design allow for easy integration with riot control helmets and operational protective gear.

Protection against riot control agents

Developed with the operational needs of law enforcement professionals in mind. The Riot Control Cartridge can withstand up to 24 hours of exposure to riot control agents and tear gases, including pepper spray (OC), CS, and CN gases.

RIOT CONTROL CARTRIDGE	
Part Number	S-70060-001
Shelf Life	10 years in original foil-sealed packaging
Dimensions	Height: 2.51 in (64 mm) Diameter: 4.20 in (106 mm)
Weight	5.64 oz (160 g)
Connection	EN 148-1 (40mm) NATO thread
Material	Noryl GFN1
Color	Black
Breathing Resistance (Nominal)	20 mm H_2O at airflow rate of 85 lpm
Aerosol Protection	P100 (>99.97%)

PROTECTS AGAINST THE FOLLOWING

- 2-Chlorobenzylidene Malononitrile
- 2-Chloroacetophenone
- Oleoresin Capsicum

HE FILTER

When combined with a compatible respiratory device, the HE 100 filter filtrates particulates and biological pathogens.

PROTECTS AGAINST THE FOLLOWING

- Particulates

HE FILTER			
Part Number	S-70013-001	S-70013-020	S-70013-480
Quantity	1 unit	20 per case	480 per pallet
Certification	NIOSH certified		
Shelf Life	10 years (polybag)		
Dimensions	Height: 2.20 in (56 mm) Diameter: 4.23 in (107 mm)		
Weight	3.1 oz (88 g)		
Connection	EN 148-1 (40mm) NATO thread		
Breathing Resistance (Nominal)	15 mm H_2O at airflow rate of 85 lpm		
Material	ABS plastic		
Particulate Protection	60 mm H_2O at airflow rate of 95 lpm		
Aerosol Protection	P100 (> 99.97%)		

AIRBOSS CARTRIDGE AND FILTER COMPARISON

AirBoss cartridges and filters protect against a wide range of chem-bio agents and contaminants. They can be used individually or in a dual configuration for maximum effect in the harshest environments. With a 10-year shelf life and stringent testing in accordance with NIOSH standards, our cartridges and filters are of the highest quality and provide trusted protection. Each is designed with the standard (40mm) NATO thread connection that is compatible with multiple respiratory protection systems.

COMING SOON

	CBRN CAP 1	M96	M96 CE	FR-C2A1	RIOT CONTROL	HE
Part Number	CBRN-70027-001	S-70020-F01	S-70033-001	S-70019-F01	S-70060-001	S-70013-001
Certification	NIOSH	NIOSH	CE 0598	NIOSH		NIOSH
Height	3.50 in (89 mm)	3.50 in (89 mm)	3.50 in (89 mm)	3.00 in (76 mm)	2.51 in (64 mm)	2.20 in (56 mm)
Diameter	4.57 in (116 mm)	4.57 in (116 mm)	4.57 in (116 mm)	4.23 in (107 mm)	4.20 in (106 mm)	4.23 in (107 mm)
Weight (Nominal)	13.4 oz (380 g)	13.4 oz (380 g)	13.4 oz (380 g)	8.8 oz (249 g)	5.64 oz (160 g)	3.1 oz (88 g)
Breathing Resistance (Nominal)	42 mm H_2O at airflow rate of 85 lpm	42 mm H_2O at airflow rate of 85 lpm	60 mm H_2O at airflow rate of 95 lpm	40 mm H_2O at airflow rate of 85 lpm	20 mm H_2O at airflow rate of 85 lpm	15 mm H_2O at airflow rate of 85 lpm
PROTECTS AGAINST						
Particulates	●	●	●	●	●	●
Ammonia (AM)	●	●	●	○	○	○
2-Chlorobenzylidene Malononitrile (CS)	●	●	●	●	●	○
2-Chloroacetophenone (CN)	●	●	●	●	●	○
Cyanogen Chloride (CK)	●	●	●	●	○	○
Cyclohexane (CH)	●	●	●	●	○	○
Hydrogen Cyanide (AC)	●	●	●	●	○	○
Hydrogen Sulfide (HS)	●	●	●	●	○	○
Nitrogen Dioxide (NO)	●	●	●	●	○	○
Phosgene (CG)	●	●	●	●	○	○
Phosphine (PH)	●	●	●	●	○	○
Sulfur Dioxide (SD)	●	●	●	●	○	○
Organic Vapors (OV)*	●	●	●	●	○	○
Acid Gases*	●	●	●	●	○	○
Hydride Family*	●	●	●	●	○	○
Formaldehyde Family* (FM)	●	●	●	○	○	○
Nitrogen Oxide Family*	●	●	●	●	○	○

For a complete listing of agent protection, contact us at ADG.com
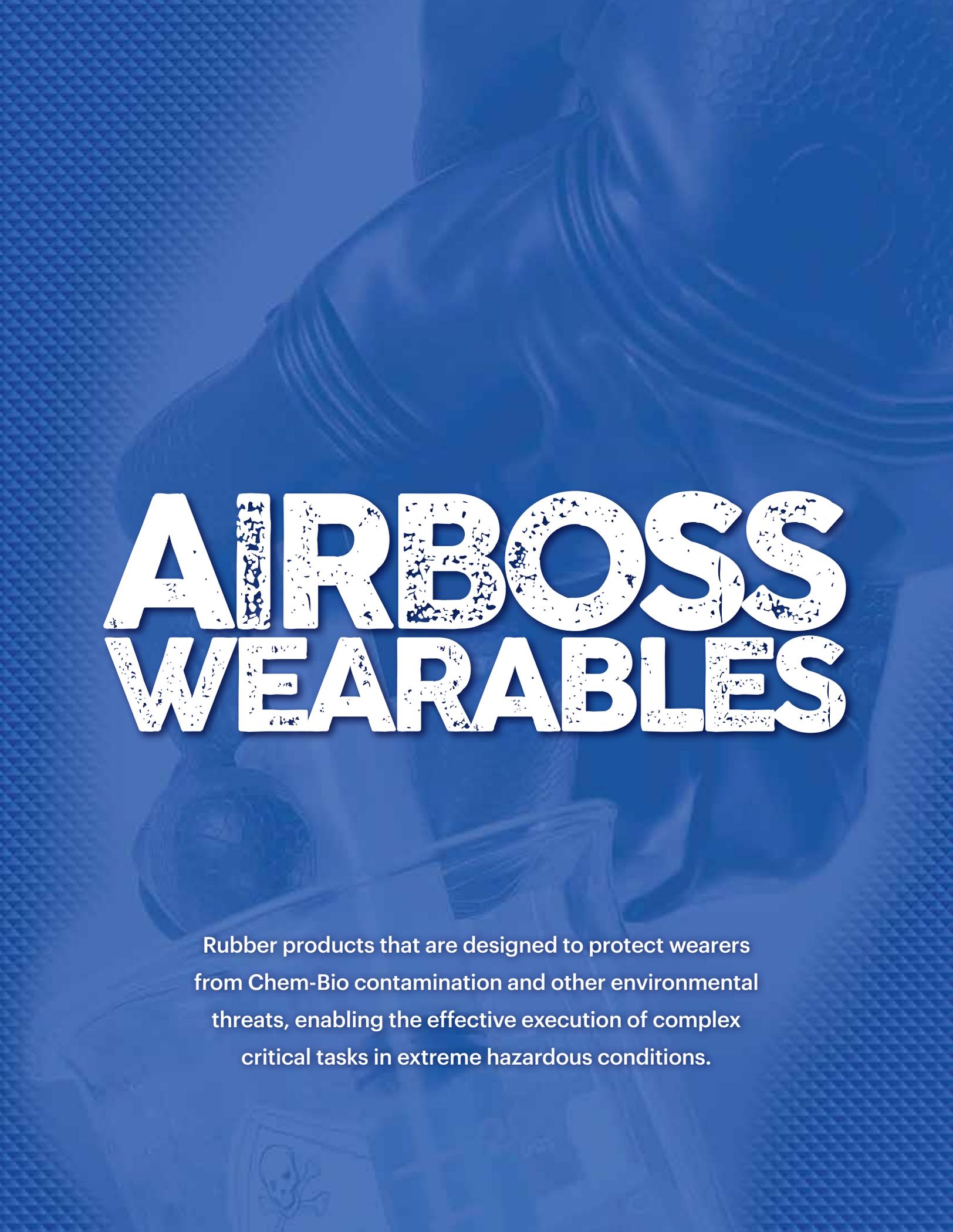
AIRBOSS WEARABLES

Rubber products that are designed to protect wearers from Chem-Bio contamination and other environmental threats, enabling the effective execution of complex critical tasks in extreme hazardous conditions.

MOLDED AIRBOSS LIGHTWEIGHT OVERBOOT (MALO)

Overboot protection from the dangers of CBRN hazards on the battlefield.

KEY FEATURES

Constructed with bromobutyl rubber, the MALO provides chemical, biological, and battlefield contaminant protection and is the premier overboot solution worldwide. The MALO provides proven protection and is currently fielded with Canadian, UK, and US forces, and has been integrated globally with most chemical protective ensembles.

Lightweight and rugged
Provides improved mobility and comfort with the durability to ensure performance in any environment.

Comprehensive sizing
Available in five sizes covering 95% of the population, providing an optimal fit for any user.

Quick decontamination
Field washable for improved readiness and reduced logistics burden.

Proven design
Ambidextrous design, adjustable straps, and powdered finish allow for easy donning and doffing, ensuring users can quickly respond in any event.

Up to 24 hours of protection
Proven continuous protection against chemical and biological agents, and a wide range of toxic industrial chemicals, reducing the risk of exposure.

MOLDED LIGHTWEIGHT OVERBOOT	
Part Number	230561A01
See index for a complete listing of part numbers.	
Operational Range	−49°F to 158°F (−45°C to 70°C)
Storage	61°F to 79°F (16°C to 26°C)
Shelf Life	15 years in original packaging
Color	Black
Sizes	Small (S), Medium (M), Large (L), Extra Large (XL), and Extra Extra Large (XXL)
Weight	2.62 lb (1.19 kg) per pair (size L)
CE Certificate	CE 0598

AIRBOSS MOLDED GLOVE (AMG)

The AMG is a non-flame resistant CBRN glove designed specifically to protect our warfighters and first responders, providing the ultimate safety, comfort, and dexterity demanded by those operating in hazardous environments. Injection molded using bromobutyl rubber, the AMG fits better, dons faster, and lasts longer than dipped gloves. With a full line of traditional and touchscreen liners, the AMG continues to be the battle-proven CBRN glove of choice for militaries and first responders worldwide.

- Lightweight, rugged, and durable construction for low-burden protection, increased mobility, and improved readiness.
- Provides chemical warfare agent, toxic industrial material, biological agent, and radiological particulate protection.
- Glove exterior has a matte and powdered finish. Textured grasp areas and ribbed joints provide optimized grip, comfort, and dexterity.
- CoolMax liners provide added comfort, and their ambidextrous design allows for easy donning and doffing, ensuring quick response in any event.
- Available in seven sizes covering 95% of the population, providing an optimal fit for any user.
- Interoperable and proven with the current U.S. JSLIST and numerous other CBRN ensembles, allowing for flexible applications in multiple environments.

Optional:
Touchscreen liners provide all the wicking and comfort enhancement of the standard liners but are woven with silver threading to allow for touchscreen use while wearing the AMG.

AIRBOSS MOLDED GLOVE	
Part Number	**089631A01** (With CoolMax liner)
Part Number	**089641A01** (Without CoolMax liner)
See index for a complete listing of part numbers.	
Operational Range	−49°F to 158°F (−45°C to 70°C)
Storage	61°F to 79°F (16°C to 26°C)
Shelf Life	15 years in original packaging
Sizes	Small (S), Medium Narrow (MN), Medium (M), Large Narrow (LN), Large (L), Extra Large Narrow (XLN), and Extra Large (XL)
Color	Black
Packaging	Low profile vacuum packed in clear plastic
Weight	5.36 oz (152 g) per pair (size L, not including liners)
CE Certificate	CE 0598
Accessories	Replacement CoolMax liners

Textured finish for optimized grip

CoolMax removable inner liners

AIRBOSS VAPOR BARRIER BUNNY BOOT

The Bunny Boot was designed after numerous soldiers suffered from frostbite while fighting in the Battle of Chosin Reservoir during the Korean War. It supports soldiers in the coldest conditions that any military could reasonably attempt to operate in; a 'worst-case scenario' that includes regions such as Alaska, Siberia, and both the Arctic and Antarctic poles.

"Bunny Boot" is the most common nickname for the Extreme Cold Vapor Barrier Boot. This large, bulbous, waterproof rubber boot can be worn in extremely cold weather, –20°F to –60°F (–29°C to –51°C), with the liner-free interior retaining warmth by sandwiching up to one inch of wool and felt insulation between two vacuum-tight layers of rubber. The Bunny Boot's design includes an air valve system that relieves air pressure while airborne and allows the wearer to check the boot for leakage.

- Currently in service with U.S. and Foreign Armed Forces.
- Provides excellent thermal insulation down to –60°F (–51°C).
- Excellent physical properties.
- Resistant to mold, mildew, and fungus growth.
- 100% waterproof.
- CBRN resistant.
- Petroleum, oil, and lubricant (POL) resistant soles.
- Compatible with snowshoes, crampons, and military ski systems.
- Pressure relief valve.

WEARABLES

VAPOR BARRIER BUNNY BOOT	
Part Number	530201U03
See index for a complete listing of part numbers.	
Weight	7.25 lb (3.29 kg) per pair (size 9 boot)
Height	11 in (279 mm) size 9 boot
Color	White
Sizes	3 to 14 narrow, regular and wide
Interface	Compatible with standard issued ski bindings, crampons, and snowshoes. The boots include a ski-strap shelf.
Water resistance	100% waterproof
Slip resistance	Slip-resistant sole and heel
Toxicological resistance	Minimum resistance to mustard penetration of 75 minutes and minimum resistance to Isopropyl methylphosphonofluoridate (GB) of 100 minutes
Thermal insulation	Minimum overall insulation Clo value of 1.5, and an average Clo value of 1.7 at the toe
Minimum order quantity	500

AIRBOSS EXTREME COLD WEATHER MUKLUK

Built for cold weather operations and designed for high traction and mobility in frozen environments.

KEY FEATURES

Designed and developed in Canada after extensive field testing and user feedback, the Mukluk achieves the optimal balance between weight, insulation, comfort, and durability. Breathable and anti-microbial, lightweight yet heavy duty, this is the world's top extreme cold weather performer.

Built for soldier comfort in extreme cold
Performs comfortably from 32ºF to –67ºF (0°C to –55°C).

Water resistant and fast drying
The outer shell system prevents water infiltration while evacuating humidity. The inner core consists of fast-drying double-felt insulation.

Removable insoles
Two removable insoles (felt and synthetic mesh) optimize comfort, moisture management, and thermal performance.

Anti-microbial, anti-fungal, and chemically resistant
Excellent anti-microbial/anti-fungal properties. Resistant to chemicals such as degreasers, cleaning agents, and lubricating oils.

Interface with snowshoes
Stable interface with snowshoes for whatever the battlefield requires.

Heavy-duty laces and blucher-style lacing
Heavy-duty laces for easier cold-weather handling and blucher-style lacing for a comfortable and snug fit.

One-piece molded outsole
The molded outsole provides improved traction and excellent performance on challenging surfaces.

Lace-up snow guard
The lace-up snow guard prevents debris and snow from entering the boot.

A multitude of sizing options
Available in sizes covering 99% of the population, providing an optimal fit for users of any size.

EXTREME COLD WEATHER MUKLUK	
Part Number	550951U03
See index for a complete listing of part numbers.	
Weight	5.95 lb (2.7 kg) per pair (size 9M)
Total Exterior Height	18.1 in (46 cm) (size 9M)
Removable Liner Drying Rate	85% dry in 6 hours
Foot Bed Components Drying Rate	90% dry in 10 hours
Thermal Rating	–67°F (–55°C)
Sizes	Available in US sizes 5 to 13
Color	White
Minimum order quantity	5,000
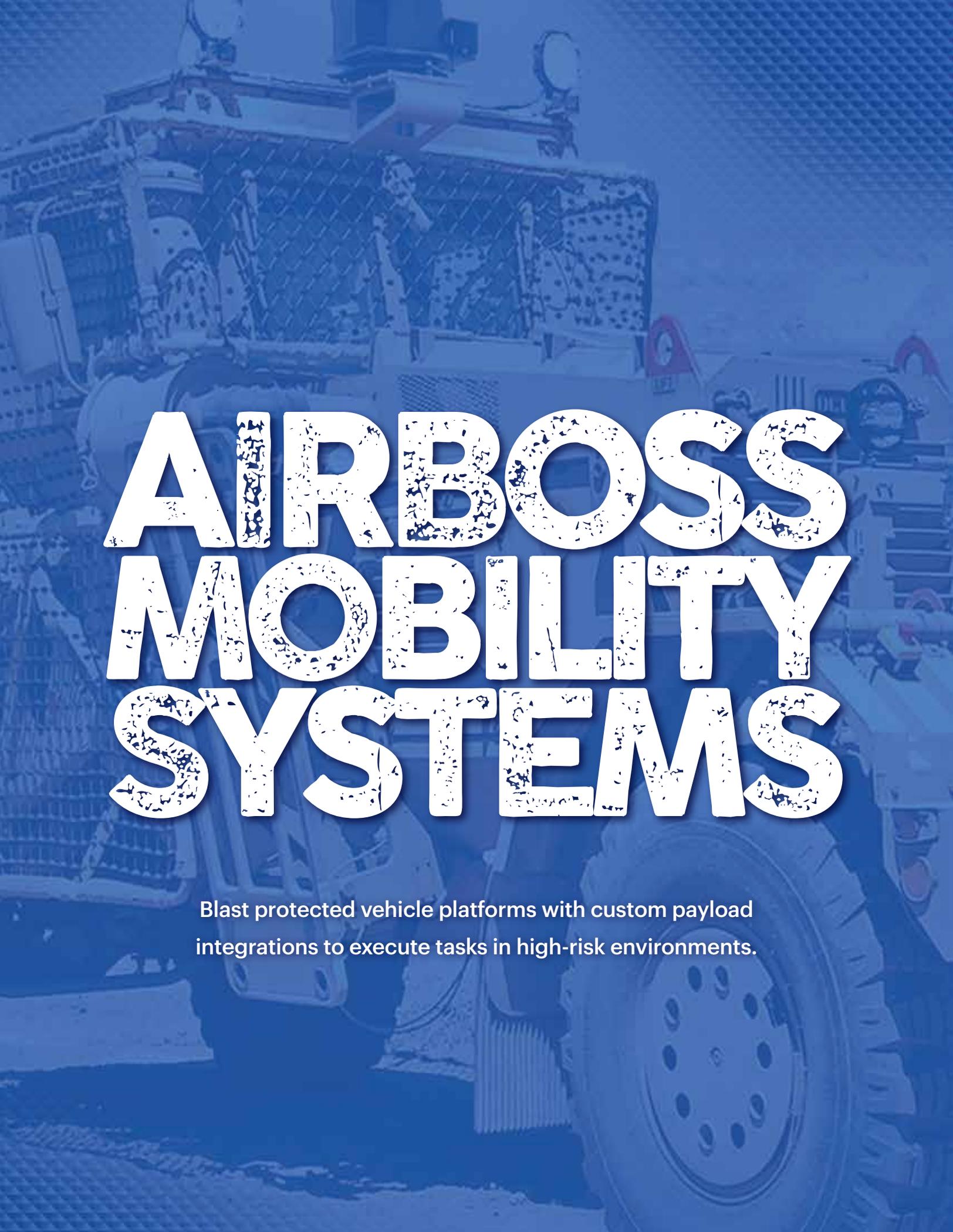
AIRBOSS MOBILITY SYSTEMS

Blast protected vehicle platforms with custom payload integrations to execute tasks in high-risk environments.

VEHICLES

Blast-survivable, protected payload delivery vehicles with frangible design features that enable custom payload integration to execute a range of clearance tasks in high-risk environments.

HUSKY 2G VEHICLE

The Husky 2G will withstand IED blasts, small arms fire, and the most rugged terrain imaginable. It is built for operator survivability and effective route clearance operations.

KEY FEATURES

The development of the two-operator Husky 2G clearance vehicle was prompted by the operational requirement for longer, more complex mounted clearance missions and employment of more sophisticated vehicle payloads. Recognized as one of the U.S. Army's Top Ten Inventions of 2011, the 2G platform addresses evolving explosive threats while applying the operationally proven survivability tenets that have made the Husky family of vehicles the most survivable platforms on the battlefield.

HUSKY 2G VEHICLE	
Curb Weight	19,841 lb (9,000 kg)
Dimensions	Length: 24 ft (7.32 m) Height: 10.3 ft (3.14 m)
Speed	Up to 45 mph (governed speed)
Shelter Weight	72 lb (32.66 kg)
Power	201 hp
Fuel Capacity	39.5 gal
Torque	553 lb-ft

Blast-protected V-shaped hull

The V-shaped hull protects Husky operators and critical components from subsurface blasts by increasing hull rigidity and ground standoff while channeling explosive forces, fragmentation, and debris away from the cab.

Removable bolt-on armor and armored glass

Bolt-on and transparent armor at the front and sides, and options for additional protective peripheral upgrades for specific anti-armor threats make the Husky 2G highly survivable from kinetic threats.

Air, sea, and rail transportable

The Husky 2G can be deployed rapidly by air or containerized through its modular design, increasing a force's operational readiness while decreasing the logistical burden and active response times.

Two-operator capacity

Sophisticated high-sensitivity sensors, optics, and other mission-enhancing peripherals have become standard enablers for route clearance platforms. The 2G's increased cab capacity allows an optional second operator to share task burden and enhance the focus and precision with which those payloads can be employed to optimize effectiveness.

Rapid field repair

Frangible, replaceable front and rear wheel modules allow for rapid field repair of the Husky following IED strikes that would be catastrophic to other vehicles. This repair can be executed on-site, without the need for vehicle evaluation at an established maintenance facility, thus decreasing logistical burden and mission downtime, and reducing IED emplacers' reseeding opportunities.

ADAPTIVE PERIPHERALS

Ground-Penetrating Radar

Scans for subsurface anomalies to support explosive threat detection.

Interrogation Arm

An articulating, extendable arm designed to enable standoff investigation and classification of suspected explosive threats.

360 Camera System

Maintains operator situational awareness through a suite of static and pan/tilt/zoom (PTZ) cameras.

Rollover Detection and Warning System

Alerts operators of hazardous route conditions.

Remote Weapon Station

Self-defense system with enhanced optics for environments where operators cannot be exposed.

RPG Protection

Lightweight, non-obstructive RPG defeat netting.

The most survivable vehicle on the battlefield

PERIPHERALS

Custom payload integrations to execute a range of clearance tasks in high-risk environments.

3D GROUND PENETRATING RADAR (GPR)

The 3D-RADAR system provides reliable automatic detection of subsurface objects far underneath improvised and unimproved surfaces. 3D-RADAR leverages rugged commercial-off-the-shelf (COTS) technology components, including radar, as crucial building blocks of a modular, integrated system. This approach has allowed the system to continually evolve and improve at the rate of technological advances in the commercial marketplace. A sophisticated custom software solution provides automatic target detection (ATD) cues and allows the operator to visualize and interrogate 3-dimensional data in real-time.

SENSOR OPTIONS

The 3D-RADAR system provides an alternative detection solution for roadway and airfield inspection, tunnel detection, and route clearance patrols.

System attributes include:

- Optimal combination of penetration and resolution.
- Superior interference suppression through narrow band receive filters.
- UWB Step Frequency GPR with Air-Coupled Antenna.
- Ultra wideband frequency range (200–3000 MHz).
- 0–15 kph rate of advance.
- Sensor operates at 0.1–1.0 m above ground height and 1–2.5 m forward offset.
- Operates in a wide temperature range (0°C–50°C Operating / –40°C–85°C Storage).
- Operates in conditions of sand, dust, and rain.
- Advanced post-processing software tools with georeferenced output.

The 3D-RADAR system is a complete subsurface anomaly detection system that utilizes a combination of COTS GPR components and custom software as the building blocks to achieve robust metallic and non-metallic object detection performance. The system is ready off the shelf to be fitted to a wide range of commercial and military vehicles, and can be customized for operation on almost any vehicle platform. The system utilizes a flexible and open software architecture that allows threat detection algorithms to be tailored to particular environments and threat sets. Operators may select from manual, assisted manual, and automatic detection modes. The detection architecture allows for the addition of secondary sensors.

HUSKY MOUNTED DETECTION SYSTEM (HMDS)

The combat-proven combination of the Husky vehicle with the VISOR 2500 Ground Penetrating Radar (GPR) forms the HMDS. It provides unprecedented performance in the automatic detection, recognition, and precision marking of buried explosive hazards. Based on proven breakthrough GPR technology, HMDS combines advanced real-time ATR algorithms, optional integrated metallic and non-metallic threat detection, automatic precision marking, and user-friendly software, all in a ruggedized, supportable, and affordable package.
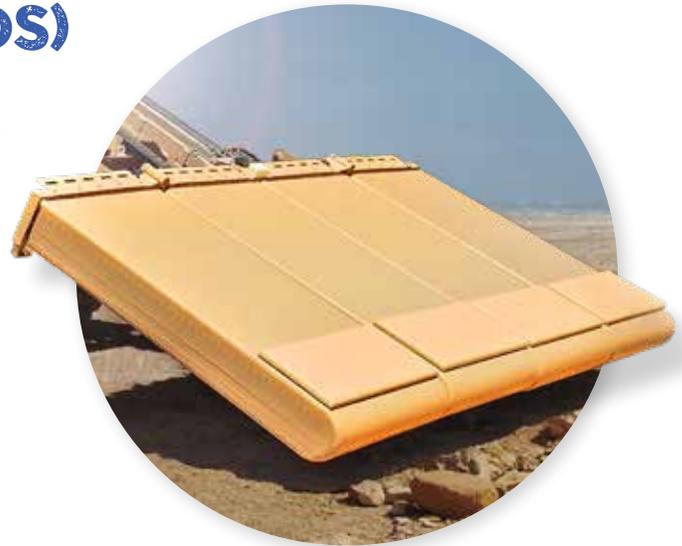
KEY FEATURES

- Breakthrough probability of detection (Pd) and false alarm rate (FAR) performance
- Automated sensor height control
- Intuitive controls/touchscreen display
- Same GPR technology as future combat systems
- 3-D subsurface visualization
- Readily adaptable to other vehicles

KEY BENEFITS

- High confidence countermine operations
- Maximized protection of operators
- Optimized performance on uneven terrain
- Rapid proficiency/ease of use
- Visualization of buried threats

PHYSICAL

Sensors
- Front-mounted CHEMRING VISOR 2500 Ground Penetrating Radar, with a four-panel 3.2-meter array
- Optional see-deep metal detector array
  – EMI coils 3-meter wide scan

GPR and MD data processing
- Automatic target recognition algorithms

Processing and control
- Duracor PC104 based computer
- Cab-mounted tablet display with GUI

Navigation
- NGC LN-270 INS with GPS, SAASM anti-jamming module, and starfire DGPS module

Marking system
- Front-mounted 4-jet marking bar
- Center body-mounted 12-jet marking bar

GPR panel positioning system
- Hydraulically controlled deploy and retract modes with damage-resistant features

PERFORMANCE

Buried explosive hazard (BEH) detection system with a high probability of detection (Pd) and low false alarm rate (FAR)
- Metallic buried threat detection
- Non-metallic buried threat detection
- Real-time detection
- User selectable detection modes

Graphical user interface
- Real-time GPR sensor imagery with 3-D visualization feature
- Detection controls
- Sensor positioning controls
  – Deploy, stow, skyshot calibration, and manual height
- System status monitors

Target marking
- GPS coordinates
- Physical marking
  – Center body-mounted 12–jet spray array (14 cm resolution)
  – Front-mounted 4–jet (1 m resolution)

Advance rates of up to 12 kph records mission data
- GPR imagery, MD data, target declarations, GPS

Coordinates, confidence factors
- File management
- Stores 100 km of scanned data on a local drive.

After action review
- Post analysis
- User comments (threat verified, neutralized, FA, other)

VEHICLE MOUNTED INTERROGATION ARM

Vehicle mounted crane system designed to interrogate, confirm, and classify suspected explosive threats with a safe standoff.

KEY FEATURES

The vehicle mounted interrogation arm is designed to enhance the physical investigation and classification of suspected explosive threats. It allows operators to inform others of threat remediation activities without dismounting protected vehicles and risking exposure. The arm enhances crew survivability and clearance mission efficiency by enabling rapid, safe deployment and manipulation of an articulating, non-invasive investigation tool from inside the safety of the vehicle crew compartment.

Articulating claw

The proprietary grasping rake attachment enables operators to safely inspect and classify potential mines, UXOs, IEDs, and other suspected hazards.

Enhanced optics

Thermal imaging integrated onto the crane extension enables users to search for explosive threats otherwise obscured from the route, behind barriers, inside culverts, and in other locations not viewable from the vehicle.

Dual cameras

With the addition of a junction box and boom camera cable, operators can use two cameras in concert: one camera equipped with a spotlight mounted at the end of the boom and one wide-angle camera at the knuckle for a broad view of the interrogation area.

Optional air/water digger

The air or water jet attachment further enhances non-disruptive interrogating in hard compacted soil. The water jet can penetrate the soil with compaction values of over 20 tons per square foot, creating a trench 5 inches deep and 10 inches long. The air tool can remove debris to expose pressure-sensitive explosives.

Instrument display

CANbus sensors create feedback for every crane function and visual indicators to inform operators of relative position, articulation angle, extended distance, lifting pressure, and weight at the boom tip. An auto-stow button smoothly returns the crane to its stow cradle regardless of orientation.

Hydraulic Pump Unit (HPU) upgrades

The HPU upgrade allows arm operation at higher flow, adding more runtime and enabling multiple crane functions to be activated simultaneously, reducing interrogation time.

Integration

The easy-to-deploy interface system and vehicle-specific mounting kits provide integration options for a wide range of clearance vehicles.

INTERROGATION ARM	
Weight	638 lb (289.39 kg)
Voltage	12 V dc or 24 V dc
Pump Capacity	2 GPM (7.6 lpm)
Working Pressure	2600 psi (18 MP)
Tank Capacity	4 gal (15.2 l)
Base Crane Lifting Capacity	903 lb @ 8'10 (410 kg @ 2.7 m) 1135 lb @ 13'3 (515 kg @ 4 m)
Pan/Tilt Near IR and Thermal Capable Camera	Yes
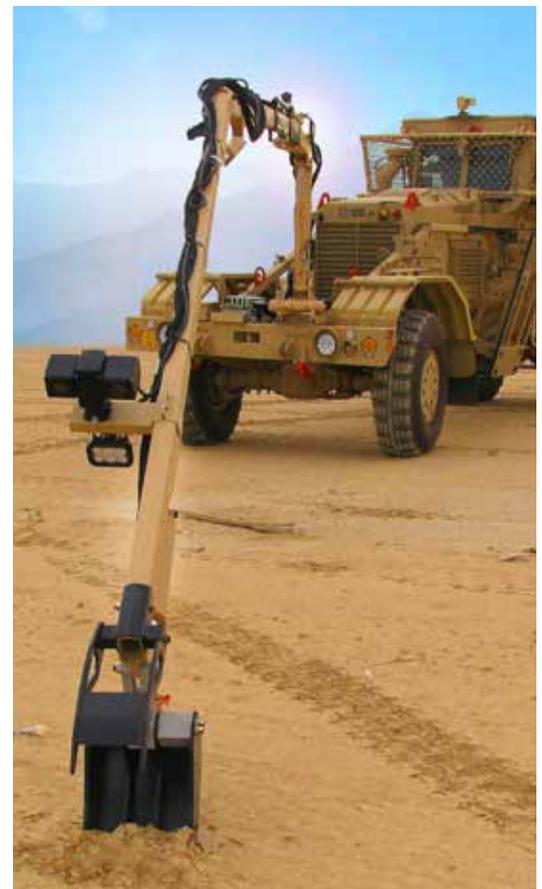
ROLLOVER DETECTION AND WARNING SYSTEM

The Rollover Detection and Warning System (RDWS) is a vehicle sensor that alerts the operator of impending dangerous vehicle rollover conditions based on terrain, operation, and vehicle limitations.

Its lightweight, rapidly deployable capability is designed to deliver immediate protection for command and control, communication, triage, or comfort in extreme conditions.

KEY FEATURES

Weatherproof components and rugged construction ensure suitability for commercial and military vehicles.

Proprietary IMU sensor package
A high accuracy inertial measurement unit (IMU) provides an exclusive "Roll Risk Estimate" so operators can adjust the vehicle's position to avoid dangerous situations.

Multiple operator alert options
By combining an easy-to-read 3.5" color display and proportional audio alerts, the RDWS gives vehicle occupants all the data they need.

Quick and easy installation
The system's simplicity, with only the display and IMU, keeps installation quick and easy, minimizing retrofit costs.

ROLLOVER DETECTION	
Audible Alert Options	External buzzer up to 110 db Output for intercom systems
Visual Alert Options	Standard TFT color display Low cost LED display
Threat Calculation	Accuracy for static and dynamic events Adjustable parameters for fine tuning
Proprietary IMU Sensor	Meets MIL-PRF 46676B (AR) test criteria
Security	UN0048; 1.1D
Display and Settings	J1939 CANbus for data output/input Onboard relay for controls · Emergency egress actuation · Options for additional inputs/outputs
Display Dimensions	5.5" L x 4.5" H x 2.0" D (140 x 114 x 51 mm)
IMU Dimensions	3.8" L x 3.8" H x 1.8" D (97 x 97 x 46 mm)
Certified MIL-STD-810G	· Sand and dust · Vibration · Moisture · Shock · Altitude · Height · High and low temperature

KEY BENEFITS

- Multiple audible alert options
- Multiple visual alert options
- Unique threat calculation method
- Proprietary IMU sensor package
- Customizable operating modes
- User-specific displays and settings
- Compatible with other TREC-Drive products
- Custom display mounting options
- Versatile mounting system
- IMU sensor
- Information screen continuously updates current conditions

360 SA CAMERA SYSTEM

The AirBoss 360 SA (Situational Awareness) video camera is a system of integrated cameras that improves mission effectiveness and operating safety by providing vehicle operators with increased visibility and operational awareness around the vehicle.

KEY FEATURES

Four wide-angled cameras
Four fixed, wide-angle cameras offer overlapping visual coverage to the vehicle's front, sides, and rear. They can be adjusted to eliminate blind spots unique to different vehicle platforms.

Single pan/tilt/zoom camera
A single pan/tilt/zoom (PTZ) camera provides supplemental visual coverage to enhance standoff search efforts or threat confirmation and classification.

Monitor and PTZ controller
A monitor and PTZ controller inside the cabin provide a simple, adjustable user interface with the system of cameras, allowing the operator to switch between views and articulate the PTZ as needed.

KEY BENEFITS

- Overlapping coverage for complete awareness of vehicle surroundings.
- Adjustable positioning for different vehicles and mission sets.
- Coverage of blind spots for safe operation in restricted areas.
- Side and forward cameras for supplemental driving views.
- PTZ camera with 36x optical zoom and multispectral enhancement options.

360 SA CAMERA SYSTEM SPECIFICATIONS	
System Weight	42 lb
Operating Voltage	12-30 VDC
Normal Operating Power	60 W
Max Current	10 Amp
Operating Temperature	–40℃ to +70℃
External Component Enclosure	IP67

PTZ SPECIFICATIONS	
Zoom Capability	36x (optical)
Focus	Auto & manual
Pan Speed	180°/second
Tilt Speed	120°/second
Pressurized Housing	Nitrogen
Heating Element	Internal, automatic

DISPLAY SPECIFICATIONS	
Resolution	800 x 480 pixels
Viewing Angle	70° (horiz), 60° (vert)
Brightness	600 cd/m2
Contrast Ratio	650:1
LED Life Time	30000 hours

FIXED CAMERA SPECIFICATIONS	
Horizontal Viewing Angle	102°
Vertical Viewing Angle	86°
Image Correction	Optically rectified
Pressurized Housing	Nitrogen
Heating Element	Internal, automatic

PERIPHERALS

SELF DEFENSE REMOTELY OPERATED WEAPON STATION (SDROWS)

The SDROWS is a remotely operated targeting platform used to safely employ a range of light weapon systems or directional payloads in environments where exposing operators is hazardous. The SDROWS allows operators to manipulate the turret and gauge various payloads using a simple Human Machine Interface (HMI). The portable HMI unit enables any vehicle occupant to operate the system.

KEY BENEFITS

- Target observation without exposing operators.
- Greater accuracy than pintle-mounted systems.
- Steady "on-the-move" observation and targeting.
- Intuitive control interface.
- Accurate target confirmation/identification.
- Mobile control unit enables all vehicle occupants to operate the system without changing positions.
- Simple and fast installation and removal.
- Easy payload removal and interchangeability.

SDROWS	
Height	<600 mm
Weight	75 kg (depending on payload)
Width	<500 mm
Traverse	Optional 360°
Elevate Angle	−20° to 80°

APPLICATIONS

Due to the system's lightweight and platform-agnostic design, the SDROWS is easily integrated on any vehicle tasked to operate where human exposure might be hazardous, but vehicle security is essential.

- Route clearance
- Demining operations
- Civil disruption control
- Hazardous site security
- Border patrol

PERIPHERALS
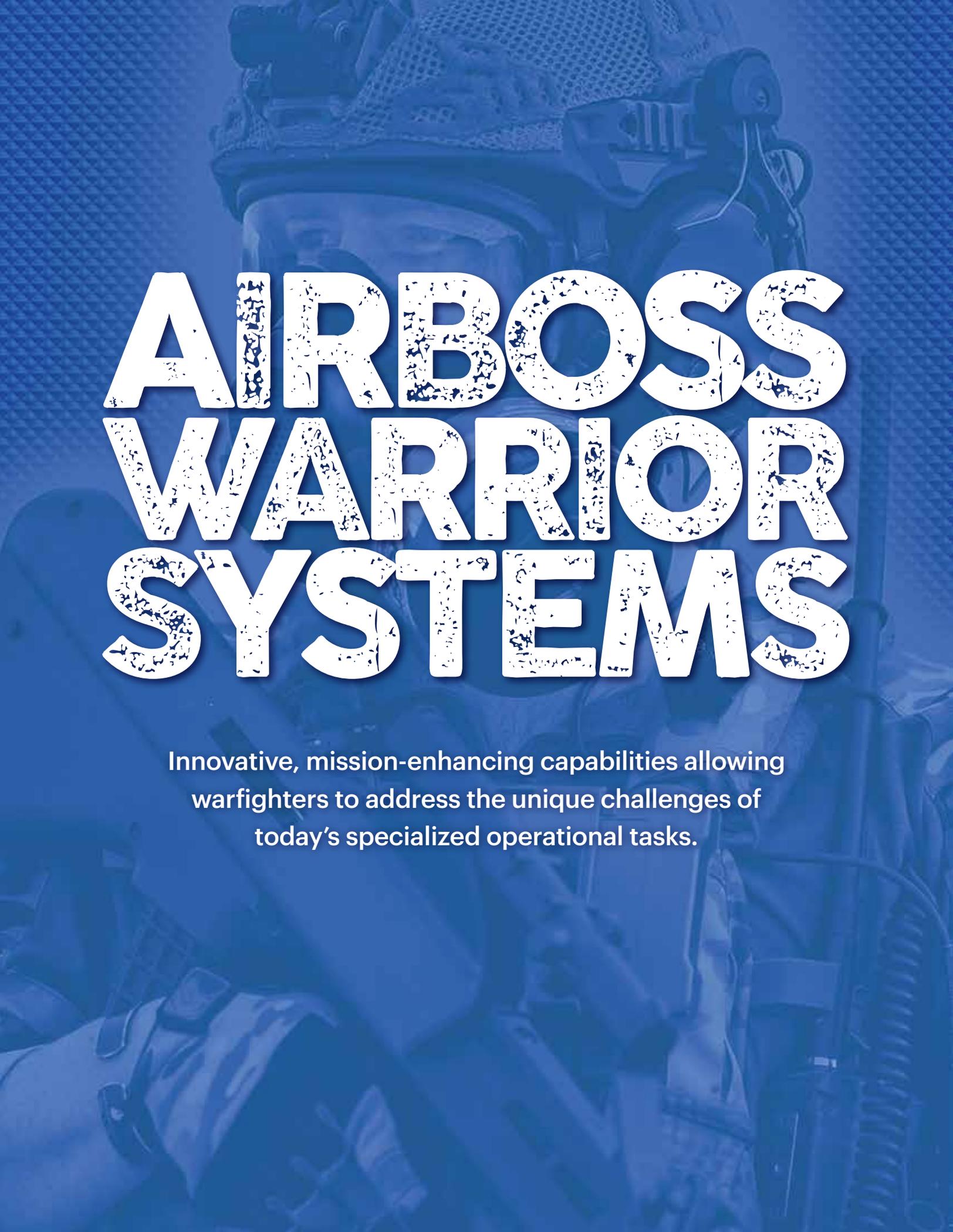
AIRBOSS WARRIOR SYSTEMS

Innovative, mission-enhancing capabilities allowing warfighters to address the unique challenges of today's specialized operational tasks.

THE BLAST GAUGE® SYSTEM

The Blast Gauge® System is the best tool for understanding and mitigating the long-term effects of blast overpressure exposure. The set of three wearable overpressure sensors captures blast exposure in an easy-to-use and near-autonomous system.

THE BLAST GAUGE® SYSTEM	
Part Number	BB-1700K-01
NSN	6665-01-665-8243
See index for a complete listing of part numbers.	
Long Lasting Battery	Single discharge battery lasts 3+ years in training or 1+ year in combat. *Lifetime based on estimated temperature profile of deployments in Afghanistan.*
Dimensions	1.75" L x 1.25" W x 1" H (44 x 32 x 25 mm)
Total System Weight	<5 oz (142 g)
Durability	MIL-STD-810G relevant elements certification
Export Classification	EAR-99 (not subject to ITAR)
Storage	500+ full waveform events or more than 6,000 summary data events
Security	Low-signature Interrogated Wireless™ bluetooth
Shelf Life	5 years (at room temperature)

KEY BENEFITS

Research suggests that repetitive exposure to blast overpressure, even at low levels, can cause concussion-like symptoms and long-term neurodegenerative disease, including structural changes in the brain, increased PTSD, acceleration of age-associated neurological disorders, and persistent concussion symptoms. The blast gauge was built to protect soldiers from this difficult to detect threat.

Exposure tailored treatment
Data is transferred wirelessly to a mobile app or via USB to a PC for detailed event analysis.

Durable
The fully encapsulated design withstands weather and impact.

Automated
Blast overpressure and acceleration data are automatically collected and classified.

Reprogrammable
Load the latest algorithms at time of activation.

Small
Less than two cubic inches.

Flexible
Instantly mounts to helmets, gear, and vehicles.

Inexpensive
Quickly outfit deployed troops and personnel.

Secure
Operator privacy is protected.

Multipurpose
Route clearance, training, SOF, breaching, SWAT, and bomb squad.

MADE IN USA

MULTIPLE APPLICATIONS

Triage
Identify individuals exposed to dangerous levels of overpressure, allowing for targeted medical assessment.

Tactics
Refine and reinforce the Tactics, Techniques, and Procedures (TTPs) based on individual and unit exposures.

Trace
Correlate the exposure history of individuals to their emergent symptoms.

Track
Enroll personnel in a longitudinal health surveillance program.

Captures overpressure data with the precision of laboratory-grade sensors.

MOBILE CONNECTIVITY

The Blast Gauge® System App (BGSA) for Android™ and the Android Team Awareness Kit (ATAK) allows for near real-time data analysis and download with Bluetooth 4.1

ENERGETICS

Simple modular multipurpose lightweight clearing charge

BANDOLIER®

The latest in explosive technology, the Bandolier® Lightweight Clearing Charge is a pre-packaged, modular, multipurpose explosive line charge. The Bandolier is fielded by multiple NATO countries and partners.

KEY FEATURES

Lightweight
The Bandolier® is a lightweight and modular explosive system, employable across mobility, countermobility, and survivability mission profiles.

Scalable
Using a patented hinged tray and sleeve enclosure, the Bandolier® bridges the capability gap between large, complex, single-role charges and standard bulk demolitions.

Modular
The unique design is light enough for dismounted operations and flexible enough to meet larger-scale missions requirements.

BANDOLIER®	
NSN	1375-17-126-7476 (System)
NSN	1375-17-128-2772 (Inert)
See index for a complete listing of part numbers.	
Colors	Desert Tan or Olive Drab Green
Total Charge	One (1) 5' (1.5 m) charge Three (3) 10' (3 m) charges
Total Weight	15 lb (6.8 kg) total weight
Net Explosives Weight	1.75 lb (794 g) (5' module) 3.28 lb (1.49 kg) (10' module)
Testing	Meets MIL-PRF 46676B (AR) test criteria
Hazmat Classification	UN0048; 1.1D

APPLICATIONS

- Steel cutting
- Timber cutting
- Wire and fence breaching
- Concrete/masonry breaching
- Path clearance
- Dynamic entry
- Cache reduction
- UXO/IED remediation
- Underwater demolition

KEY BENEFITS

Lightweight
47% lighter than the equivalent explosive capability of C4.

Modular
Compact design enables load distribution amongst personnel.

Rapid
Rapid in-stride deployment through integrated, adjustable boosters.

Multipurpose
Application for use against a range of targets.

Versatile
Conforms to complex target geometries.

Scalable
Design enables mission-tailored application.

Efficient
Efficient consumption reduces explosive waste and excessive standoff.

Simple
Non-mechanical design, with no metallic fragmentation.

Interoperable
Works with all standard military spec initiation systems.

ENERGETICS

AIRBOSS SHELTER SYSTEMS

Family of expeditionary shelters and isolation units for decontamination and general-purpose employment, as well as a breadth of accessories for crisis response, medical contingency, and command and control of operations.

DECONTAMINATION SHELTERS

These lightweight and compact shelters include shower nozzles on interior fabric to saturate patients with 360° of spray and internal berm to contain wastewater. The shelters are also available in system packages that include additional fittings designed for heavy use and additional accessories and components.

INDIVIDUAL DECONTAMINATION SHELTER

The individual decontamination shelter provides a secure decontaminable area for the thorough cleaning and decontamination of an ambulatory participant. The shelter accommodates individuals fully outfitted in PPE.

KEY FEATURES

Patented articulating frame design
The patented articulating frame facilitates rapid deployment, and the shelter can operate with 30% of the frame missing or broken.

Patented corrosion-resistant anodized aluminum frame
A patented, corrosion-resistant anodized aluminum frame with chemical-resistant fabric provides long life and reliability.

Durable and retardant interior fabric
The UV-stable, fire retardant, and chemical-resistant fabric on the interior protects the exterior frame from contaminants and expedites post-use clean-up.

Space-efficient storage
This shelter is space-efficient for facilities with limited space and stores to 26" x 26" x 26".

On/Off-capable shower nozzles
On/Off-capable shower nozzles on interior fabric saturate patients with 360º of spray. It maintains system integrity and maximizes decon capability. Nozzles can easily turn on or off for the user's specific needs.

Internal Berm to contain wastewater
The interior berm covers the entire floor of the decon area to contain wastewater run-off.

INDIVIDUAL SHELTER	
Part Number	SD1-TTB02-GZ (Shelter only)
Part Number	SYS-Ind-10-13-1 (System)
See index for a complete listing of part numbers.	
Exterior Fabric	None
Interior Fabric	Yellow exterior White interior
Interior Dimensions	5'3" L x 5'6" W x 7'5" H (1.6 x 1.7 x 2.3 m)
Exterior Dimensions	5'6" L x 6'11" W x 8'3" H (1.68 x 2.11 x 2.51 m)
Shelter Stored Cube	2.17' x 2.17' x 2.17' (0.66 x 0.66 x 0.66 m)
Shelter Weight	55 lb (24.95 kg)
Shipping Weight	95 lb (43.09 kg)
Water Booms	1
Body Sprays	7 total at 1 GPM each
Quick Connects for Hand Wands	1

SHELTER ONLY INCLUDES:

Part Number: SD1-TTB02-GZ

- **1** Interior berm
- **1** 6" diameter snorkeled port per side
- **2** 2–panel zippered end doors with Velcro straps
- **1** Anchor kit
- **1** Repair kit
- **1** Hose adapter kit
- **1** Transport bag
- **1** Ground cloth

SHELTER SYSTEM INCLUDES:

Part Number: SYS-Ind-10-13-1

Includes all shelter-only items, plus . . .
- **1** Water hose
- **1** Hand sprayers
- **1** Waste storage bladder
- **1** Waste water pump
- **2** Floor risers

DECONTAMINATION SHELTERS
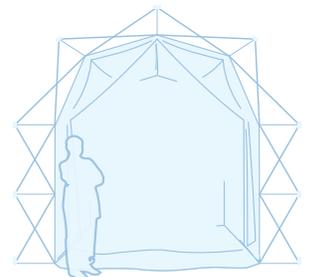
2-LINE DECONTAMINATION SHELTER

The 2-line decontamination shelter provides a secure decontaminable area for the effective decontamination of mass casualties. It has a compact footprint in a highly portable and lightweight package.

KEY FEATURES

Pre-fabricated decontamination design

The pre-fabricated decontamination design ensures state-of-the-art performance, reliability, and speed of deployment.

Integral cloth booms

Integral cloth booms, pre-plumbed quick connects, and a patented articulating frame reduce set-up time, maintain system integrity, and increase functionality.

Curtain set with ground clips

A curtain set with ground clips segregates male, female, and non-ambulatory patients, providing undress, wash, rinse, and redress stations in the ambulatory lanes.

Patented active curtains

Patented Active Curtains saturate patients with directional 360° of spray with five nozzles per station.

Internal ergonomic hand sprayers

Internal ergonomic hand sprayers enable decontamination of non-ambulatory casualties with user-directed spray (ordered separately).

Patented corrosion-resistant anodized aluminum shelter frame

A patented, corrosion-resistant anodized aluminum frame with chemical-resistant fabric provides long life and reliability.

Interior liner with white, opaque skylight

The interior canopy includes a white, opaque skylight that provides ambient lighting. The canopy protects the exterior frame from contaminants and expedites post-use cleanup.

Camlock connectors allow easy plumbing

Camlock connectors allow easy plumbing connection with gloved hands.

2-LINE SHELTER	
Part Number	SD2-TZB08-GZ (Shelter only)
Part Number	SYS-2 Line 8-20-1 (System)
See index for a complete listing of part numbers.	
Exterior Fabric	None
Interior Fabric	Yellow exterior White interior w/skylight
Interior Dimensions	19'9" L x 8'2" W x 7'3" H (6.0 x 2.5 x 2.2 m)
Exterior Dimensions	19.75" L x 9.83' W x 8.08' H (6.02 x 3 x 2.46 m)
Shelter Stored Cube	3'3" x 3'3" x 3'3" (1.02 x 1.02 x 1.02 m)
Shelter Weight	145 lb (65.77 kg)
Shipping Weight	320 lb (145.15 kg)
Water Booms	2
Body Sprays	20 total at 0.4 GPM each
Quick Connects for Hand Wands	4

SHELTER ONLY INCLUDES:

Part Number: SD2-TZB08-GZ

- **1** Center divider
- **6** Isolation curtains with tie downs
- **1** Active curtain with integrated water booms and nozzles
- **1** Interior catch basin
- **2** Zippered clothing ports per side
- **1** 6" diameter snorkeled port per side
- **1** 14" diameter snorkeled port per side
- **2** 3–panel zippered end doors with Velcro straps
- **1** Ground cloth
- **1** Anchor kit
- **1** Repair kit
- **1** Hose adapter kit
- **1** Transport bag

SHELTER SYSTEM INCLUDES:

Part Number: SYS-2 Line 8-20-1

Includes all shelter-only items, plus . . .

- **1** Water heater
- **2** Water hoses
- **4** Hand sprayers
- **1** Waste water pump
- **2** Light fixtures
- **2** Litter conveyor
- **2** Transfer board
- **6** Floor risers
- **1** Shower maintenance kit
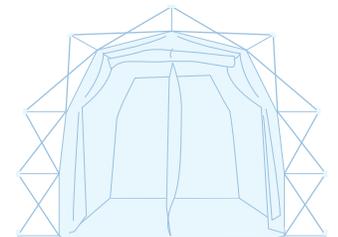
3-LINE DECONTAMINATION SHELTER

The 3-line decontamination shelter provides a secure decontaminable area for effectively decontaminating both ambulatory and non-ambulatory casualties within the same compact footprint.

KEY FEATURES

External articulating frame and general durability

The patented external articulating frame is constructed from corrosion-resistant anodized aluminum. The shelter's design facilitates rapid deployment and can operate with 30% of the frame missing or broken.

Fire/chemical-resistant fabric

The shelter has UV-stable, fire retardant, and chemical-resistant fabric on the interior. It provides durability, protects exterior frame from contaminants, and expedites post-use clean-up.

Easy storage with a small stowed footprint

Stores to 45" x 45" x 45". Space efficient for facilities with limited space.

Three decon lines for added efficiency and privacy

Separates into three decon lines. It enables patient privacy for male and female patients; added lane for non-ambulatory.

Patented corrosion-resistant anodized aluminum frame

A patented, corrosion-resistant anodized aluminum frame with chemical-resistant fabric provides long life and reliability.

Interior basin

The interior basin keeps all wastewater within the wash/rinse area of the shelter.

360° on/off shower nozzles

On/Off-capable shower nozzles on the interior of the shelter saturate patients with 360° of spray. They maintain system integrity and maximize decontamination capability. The nozzles can easily turn on or off for the user's specific needs.

3-LINE SHELTER	
Part Number	SD3-UZA08-GZ (Shelter only)
NSN	8340-01-618-8769
Part Number	SYS-3 Line 11-20-1 (System)
NSN	6665-01-564-1833
See index for a complete listing of part numbers.	
Exterior Fabric	White thermal screen
Interior Fabric	Yellow exterior White interior w/skylight
Interior Dimensions	19'6" L x 10'9" W x 8' H (5.9 x 3.3 x 2.4 m)
Shelter Stored Cube	3'9" x 3'9" x 3'9" (1.14 x 1.14 x 1.14 m)
Shelter Weight	215 lb (97.52 kg)
Shipping Weight	358 lb (162.39 kg)
Water Booms	2
Body Sprays	20 total at 0.4 GPM each
Quick Connects for Hand Wands	4

SHELTER ONLY INCLUDES:

Part Number: SD3-UZA08-GZ

- **2** Active curtains with integrated water booms and nozzles
- **2** Isolation curtains with tie downs
- **4** Privacy curtains
- **1** Interior catch basin
- **2** Zippered clothing ports per side
- **1** 6"–diameter snorkeled port per side
- **1** 14"–diameter snorkeled port per side
- **2** 5–panel zippered end doors with Velcro straps
- **1** Ground cloth
- **1** Anchor kit
- **1** Repair kit
- **1** Hose adapter kit
- **1** Transport bag

SHELTER SYSTEM INCLUDES:

Part Number: SYS-3 Line 11-20-1

Includes all shelter-only items, plus . . .

- **1** Water heater
- **2** Water hoses
- **4** Hand sprayers
- **1** Waste water pump
- **2** Light fixtures
- **2** Litter conveyor
- **2** Transfer board
- **8** Floor risers
- **1** Shower maintenance kit

DECONTAMINATION SHELTERS
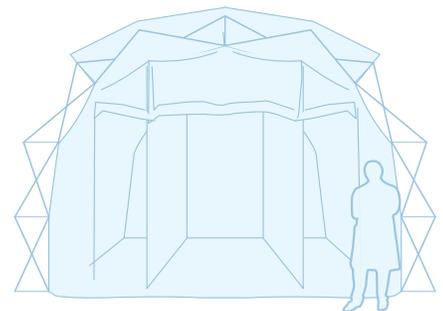
4-LINE DECONTAMINATION SHELTER

The 4-line decontamination shelter provides a secure decontaminable area for the effective decontamination of both ambulatory and non-ambulatory casualties within the same compact footprint.

KEY FEATURES

External articulating frame and general durability

The patented external articulating frame includes corrosion-resistant anodized aluminum. The shelter's design facilitates rapid deployment and can operate with 30% of the frame missing or broken.

Fire/chemical-resistant fabric

The shelter has UV-stable, fire retardant and chemical-resistant fabric on the interior. It provides durability, protects the exterior frame from contaminants, and expedites post-use clean-up.

Easy storage with small stowed footprint

Stores to 45" x 45" x 45". Space efficient for facilities with limited space.

High efficiency and privacy

Four decon lines provide higher efficiency and enable privacy for male and female patients. Shelter has the ability to convert to both ambulatory and non-ambulatory care.

Patented corrosion-resistant anodized aluminum frame

A patented, corrosion-resistant anodized aluminum frame with chemical-resistant fabric provides long life and reliability.

Interior basin

The interior basin keeps all wastewater within the wash/rinse area of the shelter.

360° on/off shower nozzles

The On/Off-capable shower nozzles on the interior of the shelter saturate patients with 360° of spray. They maintain system integrity and maximize decontamination capability. The nozzles can easily turn on or off for the user's specific needs.

4-LINE SHELTER	
Part Number	SD4-WxA08-GZ (Shelter only)
NSN	5411-01-597-5570
Part Number	SYS-SD4-WxA08-GZ (System)
NSN	4240-01-641-4350
See index for a complete listing of part numbers.	
Exterior Fabric	White thermal screen
Interior Fabric	Yellow or tan exterior White interior w/skylight
Interior Dimensions	19'5" L x 16" W x 9'5" H (5.8 x 4.9 x 2.9 m)
Shelter Stored Cube	3'9" x 3'9" x 3'9" (1.14 x 1.14 x 1.14 m)
Shelter Weight	285 lb (129.27 kg)
Shipping Weight	375 lb (170.1 kg)
Water Booms	2
Body Sprays	36 total (8 on/off) at 0.4 GPM each
Quick Connects for Hand Wands	4
Active Curtains	3

SHELTER ONLY INCLUDES:

Part Number: SD4-WxA08-GZ

- **6** Isolation curtains with tie downs
- **3** Active curtains with integrated water booms and nozzles
- **1** Interior catch basin
- **2** 6" diameter ports for accessory cords
- **2** 6" diameter ports for waste water hoses
- **2** Zippered side ports for clothing pass through
- **4** 14" diameter snorkeled ports for HVAC
- **5** 2 5–panel zippered end doors with Velcro strips
- **1** Ground cloth
- **1** Anchor kit
- **1** Repair kit
- **1** Hose adapter kit
- **1** Transport bag

SHELTER SYSTEM INCLUDES:

Part Number: SYS-SD4-WxA08-GZ

Includes all shelter-only items, plus . . .

- **1** Water heater
- **2** Water hoses
- **4** Hand sprayers
- **2** Waste water pump
- **4** Light fixtures
- **6** Litter conveyor
- **4** Transfer board
- **20** Floor risers
- **1** Shower maintenance kit
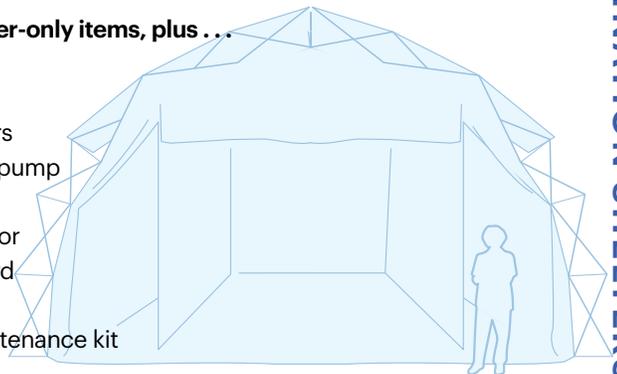
GENERAL PURPOSE

The prefabricated design ensures state-of-the-art performance, reliability, and speed of deployment and breakdown. With multiple options, there is a solution that meets almost any need.

COMMAND POST SHELTER

A lightweight, rapidly deployable shelter designed to deliver immediate protection for command and control, communication, triage, or comfort in extreme conditions.

KEY FEATURES

Pre-fabricated design
The pre-fabricated design ensures state-of-the-art performance, reliability, and speed of deployment.

Ample room for equipment
The exterior canopy configuration allows the frame to be on the inside and provides ample area to hang equipment.

Long life and reliability
Corrosion-resistant anodized patented aluminum frame with chemical-resistant fabric provides long life and reliability.

Deployed in less than two minutes
The reinforced metal frame is light yet sturdy. Two people can carry and deploy it in less than two minutes.

Compact footprint and lightweight
Collapses into a 2.5 foot cube for easy storage and transport.

Ensured continuity of operations
Comes with a repair kit and an anchor kit. It can be repaired if required while deployed, ensuring continuity of operations.

COMMAND POST SHELTER			
Part Number **Size**	SCP-TZB04-Z* Small	SCP-TZB05-Z* Medium	SCP-TZB06-Z* Large
Exterior Fabric	*Color codes: **E** = White **G** = Yellow **K** = Blue **N** = Tan **Y** = Grey		
Interior Fabric	None		
Nominal Size	10' L x 8' W x 7'3" H (3.0 x 2.4 x 2.2 m)	12'6" L x 8' W x 7'3" H (3.8 x 2.4 x 2.2 m)	14'11" L x 8' W x 7'3" H (4.5 x 2.4 x 2.2 m)
Shelter **Stored Cube**	2'6" x 2'6" x 2'6" (0.76 x 0.76 x 0.76 m)	2'8" x 2'8" x 2'8" (0.81 x 0.81 x 0.81 m)	2'10" x 2'10" x 2'10" (0.86 x 0.86 x 0.86 m)
Shelter Weight	72 lb (32.66 kg)	90 lb (40.82 kg)	108 lb (48.99 kg)
Shipping Weight	190 lb (86.18 kg)	194 lb (88.00 kg)	204 lb (92.53 kg)
Window & **Door Pattern**	Zippered end doors		

SHELTER INCLUDES:

2 14" diameter snorkeled
       port per side
3 Paneled zippered end doors
       with Velcro straps
1 Ground cloth
1 Anchor kit
1 Repair kit
1 Transport bag

FIRST RESPONSE SHELTER

A larger version of our Command Post Shelter, the First Response Shelter provides protection for triage, against extreme weather, or for temporary lodging.

KEY FEATURES

Pre-fabricated design
The pre-fabricated design ensures state-of-the-art performance, reliability, and speed of deployment.

Ample room for equipment
The exterior canopy configuration allows the frame to be on the inside and provides ample area to hang equipment.

Excellent ambient light and ventilation
Full-length screened side windows provide ambient light and warm-weather ventilation.

Long life and reliability
The corrosion-resistant anodized patented aluminum frame with chemical-resistant fabric provides long life and reliability.

Deployed in less than two minutes
The reinforced metal frame is light yet sturdy. Two people can carry and deploy it in less than two minutes.

Lightweight, compact, and extremely portable
Collapses into a 28 inch cube, a small footprint for storage and transport.

Ensured continuity of operations
Comes with a repair kit and an anchor kit. It can be repaired if required while deployed, ensuring continuity of operations.

FIRST RESPONSE SHELTER			
Part Number	SFR-UZA05-Z*	SFR-UZA06-Z*	SFR-UZA08-Z*
Exterior Fabric	*Color codes: E = White G = Yellow K = Blue N = Tan Y = Grey		
Interior Fabric	None		
Nominal Size	12'3" L x 10'9" W x 8' H (3.7 x 3.3 x 2.4 m)	14'8" L x 10'9" W x 8' H (4.5 x 3.3 x 2.4 m)	19'6" L x 10'9" W x 8' H (5.9 x 3.3 x 2.4 m)
Shelter Stored Cube	2'4" x 2'4" x 2'4" (0.71 x 0.71 x 0.71 m)	2'9" x 2'9" x 2'9" (0.84 x 0.84 x 0.84 m)	3'2" x 3'2" x 3'2" (0.97 x 0.97 x 0.97 m)
Shelter Weight	135 lb (61.24 kg)	152 lb (68.95 kg)	206 lb (93.44 kg)
Shipping Weight	220 lb (99.79 kg)	245 lb (111.13 kg)	290 lb (131.54 kg)
Window & Door Pattern	Full length screened windows and zippered end doors		

SHELTER INCLUDES:

2 14" diameter snorkeled port per side
2 Paneled zippered end doors with Velcro straps
1 Ground cloth
1 Anchor kit
1 Repair kit
1 Transport bag

GENERAL PURPOSE
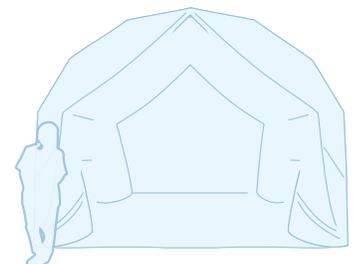
CASUALTY MANAGEMENT SHELTER

This large, multi-use shelter is ideal for mass casualty care, command and control, triage, rehab, billeting, and equipment storage.

KEY FEATURES

Pre-fabricated design
The pre-fabricated design ensures state-of-the-art performance, reliability, and speed of deployment and breakdown.

Exposed interior articulating frame
An exposed interior articulating frame maximizes hanging equipment.

Corrosion/chemical resistance and general durability
The patented corrosion-resistant anodized aluminum frame with chemical-resistant fabric provides long life and reliability.

Compact tent footprint and lightweight design
The compact footprint and lightweight design ensure an easy three-person deployment within three minutes under any conditions.

Screened side windows
Collapses into a 38 inch cube for easy storage and transport.

| CASUALTY MANAGEMENT SHELTER			
Part Number Size	SCM-WxA07-Z* Small	SCM-WxA09-Z* Medium	SCM-WxA10-Z* Large
Exterior Fabric	*Color codes: **E** = White **G** = Yellow **K** = Blue **N** = Tan **Y** = Grey		
Interior Fabric	None		
Nominal Size	17'1" L x 16' W x 9'5" H (5.2 x 4.9 x 2.9 m)	21'4" L x 16' W x 9'5" H (6.5 x 4.9 x 2.9 m)	23'9" L x 16' W x 10'3" H (7.2 x 4.9 x 2.9 m)
Shelter Stored Cube	3'2" x 3'2" x 3'2" (0.97 x 0.97 x 0.97 m)	3'8" x 3'8" x 3'8" (1.17 x 1.17 x 1.17 m)	5'5" x 5'5" x 5'5" (1.35 x 1.35 x 1.35 m)
Shelter Weight	159 lb (72.12 kg)	198 lb (89.81 kg)	246 lb (111.58 kg)
Shipping Weight	372 lb (168.74 kg)	465 lb (210.92 kg)	512 lb (232.24 kg)
Window and Door Pattern	Long side screened window, 1 side door per side, zippered end doors w/tie-backs		

SHELTER INCLUDES:

2 14"–diameter snorkeled port per side

2 Paneled zippered end doors with Velcro straps

1 Ground cloth

1 Anchor kit

1 Repair kit

1 Transport bag

2 Push poles, 60" L

GENERAL PURPOSE
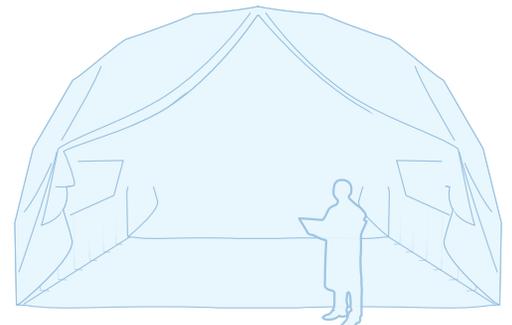
S-FRAME SHELTER

A very large, modular multi-use shelter that provides 420 square feet of usable space. It can be complexed together to form even larger structures. Ideal for hospital use, rehabilitation, or storage.

KEY FEATURES

Patented articulating frame
The patented articulating frame is made of corrosion-resistant anodized aluminum. The shelter's design facilitates rapid deployment and can operate with 30% of the frame missing or broken.

Durable outer canopy
The outer canopy is secured to the frame. It is water, chemical, flame and fungus resistant to provide long life.

Inner fabric liner
The Inner fabric liner is affixed to the articulating frame and includes a removable affixed plenum to the side of the liner.

HVAC port
An HVAC port is provided in the fabric liner inside the lower end of the plenum to which an HVAC supply duct would be attached. The plenum directs the HVAC air-flow up to the top of the shelter.

Two doors and side windows
The shelter has a door in the middle of both shelter end walls and side window openings with covers and screens for ample warm-weather ventilation.

Snorkeled ports
Snorkeled ports connect ducts from optional HVAC equipment for climate control. Snorkeled ports also provide entry for optional power cables for lighting and other optional equipment requiring electrical power.

S-FRAME SHELTER	
Part Number	SUR-SZA09-EY
Exterior Fabric	Grey
Interior Fabric	White
Interior Shelter Dimensions	21' L x 20' W x 10' H (6.4 x 6.1 x 3.0 m)
Exterior Shelter Dimensions	23' L x 22' W x 12' H (7.01 x 6.71 x 3.66 m)
Shelter Stored Cube	4' x 4' x 4' (1.93 x 1.93 x 1.93 m)
Shelter/Ground Cloth/ Push Poles Weight	486 lb (220.45 kg)
Shipping Weight	615 lb (278.96 kg)

SHELTER INCLUDES:

2 Push poles, 60" L
1 Ground cloth
1 Anchor kit
1 Repair kit
1 Transport bag
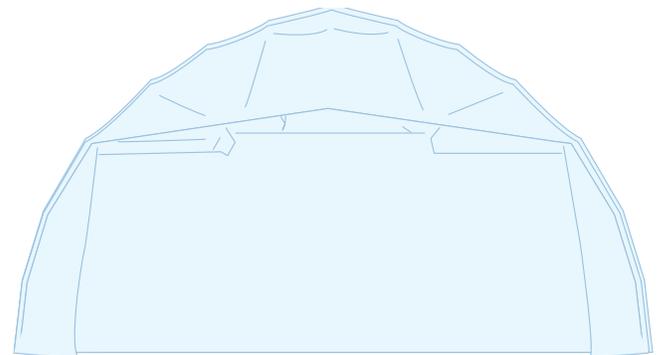
VEHICLE TOPPER

The vehicle topper provides a clear span interior measuring 11' wide by 8' high. It serves as a cover from the outdoor elements during a car seat check. The vehicle topper can also be customized to display a banner with the agency's name/logo.

FEATURES & BENEFITS

- Patented articulating frame with corrosion-resistant anodized aluminum.
- Maximum utility and flexibility.
- Collapsible and lightweight.
- Easy to transport and store.
- Deployable by two people in under one minute.
- Optional removable doors (set of two).
- Optional canvas storage bag, gray.

TOPPERS INCLUDES:

- **1** Anchor kit
- **1** Repair kit
- **1** Hardware kit
- **1** Transport bag, nylon
- **4** 25-lb sandbags
- **4** Custom banners

VEHICLE TOPPER	
Part Number	STP-UB04-Z*
Part Number	STP-UB04-Z*-0009 (with banners)
Exterior Fabric	*Color codes: G = Yellow K = Blue E = White
Shelter Dimensions	9'8" L x 10'9" W x 8' H (2.95 x 3.28 x 2.44 m)
Topper Stored Cube	30" L x 15" W x 34" H (0.76 x 0.38 x 0.86 m)
Shelter Weight	66 lb (29.94 kg)
Shipping Weight	170 lb (77.11 kg)

BODY SCENE AND FORENSICS SHIELD

The Body Scene and Forensics Shield provides added security and safety. It prevents the public and media from viewing and photographing the crime scene and adds a level of professionalism and respect for the victims. Use at crime scenes, vehicle crashes, or during evidence collection.

FEATURES & BENEFITS

- Compact and portable. Will fit in a police vehicle.
- Velcro to attach an optional banner (i.e, Department Seal, Name, etc.).
- Provides room to work and examine the body and scene.
- Transport bag.
- Full length screened side windows provide ambient light and warm-weather ventilation.
- Can be easily decontaminated.

BODY SCENE & FORENSICS SHIELD			
Part Number	LBS-04-05-K	LBS-04-10-K	LBS-06-12-K
Overview	Short profile	Low profile	High profile
Frame	Black	Black	Black
Exterior Fabric	Blue w/white canopy	Blue w/white canopy	Blue w/white canopy
Nominal Size	4' 3" Dia x 4' H (1.30 m Dia x 1.23 m H)	8' 6" Dia x 4' H (2.59 m Dia x 1.23 m H)	11' Dia x 6' H (3.35 m Dia x 1.83 m H)
Stored Cube	46.5" x 5" x 10" (1.18 x 0.13 x 0.25 m)	35" x 9" x 25" (0.89 x 0.23 x 0.64 m)	38" x 11" x 31" (3.51 x 0.28 x 0.79 m)
Shield Weight	8 lb (3.63 kg)	25 lb (11.34 kg)	50 lb (22.68 kg)
Shipping Weight	15 lb (6.80 kg)	37 lb (16.78 kg)	65 lb (29.48 kg)

GENERAL PURPOSE

ACCESSORIES

EXTERNAL HAZMAT BASIN

Highly chemical-resistant 30 oz PVC coated fabric basins capture bio-hazard and wastewater runoff from patient care operations within ADG decontamination shelters.

FEATURES & BENEFITS

- 30 oz PVC coated fabric material is highly resistant to chemicals, and is mold and mildew resistant
- Valved drain port for subsequent disposal of the contained fluid. Quick disconnect connector.
- Compact and lightweight for portability. Fully collapsible, requires less storage space, and comes with a transport bag.
- Quickly and easily deploys in less than 30 seconds and requires no tools. Reusable and repairable.

EXTERNAL HAZMAT BASIN			
Part Number	NSN	Dimensions	
HMB-36-36-0	4235-01-591-2439	3' L x 3' W x 1' H	(0.91 x 0.91 x 0.30 m)
HMB-45-45-0		3'9" L x 3'9" W x 1' H	(1.14 x 1.14 x 0.30 m)
HMB-55-55-0		4'7" L x 4'7" W x 1' H	(1.40 x 1.40 x 0.30 m)
HMB-48-96-0	4235-01-603-7720	4' L x 8' W x 1' H	(1.22 x 2.44 x 0.30 m)
HMB-72-96-0		6' L x 8' W x 1' H	(1.83 x 2.44 x 0.30 m)
HMB-96-96-0		8' L x 8' W x 1' H	(2.44 x 2.44 x 0.30 m)

INTERNAL CONTAINMENT BASIN

PVC-coated polyester basin captures biohazard and waste-water runoff from infection control operations with ADG decontamination shelters.

FEATURES & BENEFITS

- Pre-fabricated design with pantented articulating frame provides speed of deployment, state-of-the-art performance and reliability.
- Valve drain port for subsequent disposal of contained fluid Quick disconnect connector Drain to a containment bladder.
- Quickly and easily deploys, deploys in less than 30 seconds, and no tools required.

INTERNAL CONTAINMENT BASIN			
Part Number	HDB-TZ-04-I-01	HDB-UZ-04-I-01	HDB-WZ-04-I-01
Exterior Dimensions	10' L x 8' W (3.05 x 2.44 m)	10' L x 10' W (3.05 x 3.05 m)	16' L x 10' W (4.88 x 3.05 m)
Description	2-line, heavy duty basin with bag	3-line, heavy duty basin with bag	4-line, heavy duty basin with bag
Fabric Liner	PVC coated polyester	PVC coated polyester	PVC coated polyester
Number of drains	2	2	2

WASTE STORAGE BLADDER

Chemical-resistant copolymer waste storage bladder effectively collects wastewater runoff from AirBoss decontamination shelters.

FEATURES & BENEFITS

- Copolymer material is highly resistant to chemicals and is mold and mildew resistant.
- Integral pressure relief valve, ball valve, backflow prevention valve, and camlock. Ball valve on either side of camlock for shut off, backflow prevention for one-way fluid exchange, camlock for quick disconnect.

- Rugged design allows for use in the harshest environments.
- Quickly and easily deploys, no tools required, reusable and repairable.
- Compact and lightweight for portability, fully collapsible, and foldable. Less storage space is required. Protective ground cloth and transport bag included.

WASTE STORAGE BLADDER w/BACK FLOW PREVENTER	
Part Number	**Storage Volume**
WSB-100G	100 gallons (379 liters)
WSB-250G	250 gallons (946 liters)
WSB-500G	500 gallons (1,893 liters)
WSB-1000G	1,000 gallons (3,785 liters)
WSB-1500G	1,500 gallons (5,678 liters)
WSB-2000G	2,000 gallons (7,571 liters)

AIR HEATER — DIESEL INDIRECT FIRED

A portable and rugged diesel indirect-fired air heater that offers a large tank capacity for hours of continuous operation.

FEATURES & BENEFITS

- Heat exchanger keeps heated air separate from the exhaust gas.
- High static pressure capability from powerful fans allows heater placement out-of-doors for clean, heated air directed indoors.
- Includes automatic safety and control devices, along with built-in water-resistant electronic flame control box.
- Stainless steel combustion chamber with durable powder-coated finish ensures long life and reliability.

- Heavy-duty wheels and handle offer ease of mobility, and the chained twist-lock fuel cap ensures unit efficiency and integrity.
- Includes new HD duct adapter and two-stage pump for increased reliability in sub-zero temperature startup and operations.
- Optional ducting available for the direction of clean, heated airflow.
- Optional thermostat available for constant control of air temperature.

AIR HEATER	
Part Number	AH-122-15
Dimensions	48.62" L x 22.63" W x 39.37" H (1.24 x 0.58 x 1.00 m)
Weight	135 lb (61.24 kg)
Shipping Weight	167 lb (75.75 kg)
Tank Capacity Fuel Types Fuel Consumption	17 gallons (45.04 liters) K-1 kerosene, diesel #1 or #2 0.65 gal/hr (3.07 liter / hr)
BTU Rating CFM Output	122,000 BTU 1060 CFM
Power Required	120 V / 60 Hz / 7.5 AMP

AIR HEATER INCLUDES:

1 12" x 15' ducting hose
1 12" heater duct adapter

SHELTER ACCESSORIES

FLASH WATER HEATER

The portable flash water heater is the perfect solution for the supply of instant hot water. The diesel-fired heater increases water temperature by 40 degrees in 30 seconds and provides warm water showers and hand-washing capabilities. Its stainless steel construction is non-corrosive to provide years of reliable service.

FEATURES & BENEFITS

- Dosatron mixer injects pre-set percent solution to provide emulsifying wash.
- Electronic ignition provides reliable starting in all conditions.
- Man-portable with turf tires and guide handles.
- Thermostatic temperature valve allows easy manipulation of water temperature.
- In-line water filter effectively removes sediment and other debris from the input water.
- Multiple outputs allow for the operation of up to two shelters from one heater.
- Five gallons of diesel fuel can provide up to two hours of continuous operation.
- Camlock fittings provide easy hook-up by suited technicians.
- Pressure reduction valve prevents system damage from high-pressure inputs.
- Dimensions 41" L x 30" W x 35-1/2" H (104 x 76 x 90 cm).

FLASH WATER HEATER	180K WITHOUT INJECTION	340K WITHOUT INJECTION	340K WITH INJECTION	500K WITHOUT INJECTION	500K WITH INJECTION
Part Number	WH-180-4-0	WH-340-0-1	WH-340-1-1	WH-500-5-0	WH-500-2-1
NSN					4520-01-600-8579
TECHNICAL SPECIFICATIONS					
Water Flow (GPM)	6	11	11	16	16
Heat Rise (°F) *(see note below)*	40°	37°	37°	41°	41°
Water Inlet	3/4" garden hose	1 1/2" NPT	1 1/2" NPT	1 1/2" NPT	1 1/2" NPT
Number of Inlets	1	1	1	4	4
Water Outlet	3/4" camlock	3/4" camlock	3/4" camlock	3/4" camlock	3/4" camlock
Number of Outlets	1	4	4	4	4
BURNER					
Vertical Chamber Height	21.5"	20.5"	20.5"	27"	27"
Heat Chamber Outlet	7"	7"	7"	7"	7"
BTU's Input	180,000	340,000	340,000	500,000	500,000
Removable Fuel Filter	Yes	Yes	Yes	Yes	Yes
Fuel *(recommended)*	No. 2 diesel	No. 2 diesel	No. 2 diesel	No. 2 diesel	No. 2 diesel
Fuel *(not recommended)* *(see note below)*	No. 1 diesel, kerosene, or JP	No. 1 diesel, kerosene, or JP	No. 1 diesel, kerosene, or JP	No. 1 diesel, kerosene, or JP	No. 1 diesel, kerosene, or JP
Fuel Capacity	7.4 gallons	5.3 gallons	5.3 gallons	5.3 gallons	5.3 gallons
ELECTRICAL					
Voltage	115	115	115	115	115
Phase	1	1	1	1	1
Cycle	60 Hz	60 Hz	60 Hz	61 Hz	61 Hz
Weight	210 lb	360 lb	360 lb	390 lb	390 lb
	40° heat rise base on 58° incoming water temp. @ 6 GPM	37° heat rise base on 58° incoming water temp. @ 11 GPM	37° heat rise base on 58° incoming water temp. @ 11 GPM	41° heat rise base on 58° incoming water temp. @ 16 GPM	41° heat rise base on 58° incoming water temp. @ 16 GPM

NOTE: *Heater performance may be "compromised" with the use of No. 1 diesel, kerosene, or JP*

SHELTER ACCESSORIES

FLASH WATER HEATER (CONTINUED)

WATER HEATER INCLUDES:

1 Diesel-fired flash heater

1 Dosatron Solution Injection System (not included with WH-180-4-0 or WH-340-0-1)

4 Hose outputs

    2 mixed with solution

    2 with clear water

1 Hydrant-compatible input

1 Garden hose adapter

1 Close loop temperature control with maximum temperature shut-off

2 Turf tires and guide handles

1 Pressure-reduction valve

1 Temperature-control valve

1 In-line water filter

1 Electronic ignition

1 Clean out tube

1 In-line GFI

1 100' 12AWG extension cord

ADDITIONAL ACCESSORIES (Sold separately)

- HW-D20B-.75-CFCF (nylon F-F camlocks, 3/4" x 20', blue)
- HW-D20C-.75-CFCF (nylon F-F camlocks, 3/4" x 20', red)
- HW-D50B-.75-CFCF (nylon F-F camlocks, 3/4" x 50', blue)
- HW-D50C-.75-CFCF (nylon F-F camlocks, 3/4" x 50', red)

LIGHT FIXTURE

A portable and rugged lighting fixture perfect for your ADG shelter when used during incident management operations.

FEATURES & BENEFITS

- Dual-frequency
- 50/60W, 120VAC fluorescent light
- Constructed from heavy-duty plastic shield
- Connectors included for hanging lights in series
- 15' black SJOW cord

Fixture includes:

- NEMA 4X watertight connector and plug
- Hanging hooks

Fixture Kit includes:

- Hanging Straps
- 4 Light Fixtures with standard connector and plug in case

LIGHT FIXTURE	
Part Number	**LF-50-1-0008** (Fixture only)
Part Number	**LF-50-4-KIT** (Fixture kit)
Bulb Type	Fluorescent
Watts/Voltage	50/60 W, 120 VAC
Bulb	Single
Water Resistant	Yes
Weight	4.5 lb (2.04 kg)

SHELTER ACCESSORIES

WASTE WATER PUMP

The waste water pump allows the user to move water from open containment in the shelter into a bladder.

FEATURES & BENEFITS

- Moves wastewater efficiently while protecting people and the environment.
- GFCI helps protect people.
- Less electrocution risk.
- Wide base makes the pump very stable.
- Safety in high-volume situations.
- 30 GPM max capacity.

WATER PUMP	
Part Number	WP-30-S
NSN	4630-01-593-3149
Dimensions	10" D x 8" H (25.4 x 20.3 cm)
Power Cord	7'
Water Hose	3/4" D x 10' L (1.9 x 25.4 cm)
Motor Power	1/4 HP
Voltage	110 V
GFCI Adapter	Included
Transport Bag	Included

HAND TRUCK AND TRANSPORT CART

Hand truck for the transport of shelters and accessories. Transport cart and platform truck for transport of decontamination kits.

HAND TRUCK	
Part Number	HT-01
Size	26" W x 21" D x 52" H (0.66 x 0.53 x 1.32 m)
Material	Steel
Wheels	10" x 4" pneumatic (25.4 x 10.2 cm)
Handle	P-handle for easy one-hand operation when going through gates or doors

TRANSPORT CART	
Part Number	HT-36-72
Size	36" x 72" (0.91 x 1.83 m)
Material	Steel platform flush
Wheels	12" x 3.5" pneumatic (30.5 x 8.9 cm)
Handle	T-handle for easy one-hand operation

PLATFORM TRUCK	
Part Number	HT-36-72-01
Size	36" x 72" (0.91 x 1.83 m)
Material	Steel platform painted blue
Casters	All swivel, foam-filled, 10" diameter; 2 casters have swivel locks to allow straight tracking when pushed
Handle	One on each end and two on each side, all removable; all have cross bars

SHELTER ACCESSORIES

ANCHORING OPTIONS (WITHOUT STAKES)

Emergency first responders can utilize standard anchoring systems with stakes and guidelines provided with each shelter. When stakes cannot be driven into the ground, ADG provides two anchoring options.

CUSTOM MADE SAND BAGS

- Heavy duty canvas with webbed carrying handle
- Designed to fit over scissor struts without placing additional pressure on the struts
- Each bag weighs 25 pounds

ANCHORING SAND BAGS	
Part Number	X-SB-O
Quantity	Set of 4
Weight	25 lb each

PORTABLE WATER BLADDERS

- Lightweight and easy to transport
- Can be filled with a standard water hose
- Holds 7.3 gallons of water
- Weighs 65 pounds when full

| ANCHORING WATER BLADDERS	
Part Number	WB-60-06-V-A
Dimensions	5' L x 6" W (13 x 15 cm)
Color	Black

LITTER CONVEYOR AND BOARD

The expandable litter conveyor system is lightweight and man-portable to ensure readiness when accepting non-ambulatory patients into any decontamination system.

FEATURES & BENEFITS

- Litter Conveyor utilizes ADG's patented articulating frame to provide rapid deployment of the conveyor to transport non-ambulatory casualties.

- Weight capacity of 275 pounds provides a solid foundation for transporting patients.

- Transfer/conveyer board (sold seperately) utilizes guide system.

- Self-lubricating, non-corrosive rollers provide years of reliable use.

- Velcro "tongue" system links sections together and customizes the system to any length.

- Scissor-frame technology allows the conveyor to straddle any containment basin sidewall so that decontamination can take place and wastewater is captured.

- Made from anodized aluminum and stainless steel hardware to withstand contaminants.

- Open frame and slotted transfer board allow for easy flow-through of contaminated water.

- Includes nylon stabilizer straps, one stabilizer plate, Velcro connection straps on each end, and transport bag.
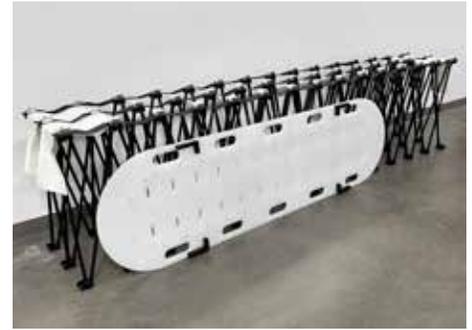
	LITTER CONVEYOR				CONVEYOR BOARD
Part Number	LC-1808-X	LC-1810-X	LC-1812-X	LC-1816-X	LCA-B
Length	8' (2.44 m)	10' (3.05 m)	12' (3.66 m)	16' (4.88 m)	7' (2.13 m)
Shipping Weight	50 lb (22.68 kg)	62 lb (28.12 kg)	70 lb (31.75 kg)	85 lb (38.56 kg)	24 lb (10.88 kg)
Packed Size	9" W x 38" L x 34" H (0.23 x 0.97 x 0.86 m)	9" W x 38" L x 34" H (0.23 x 0.97 x 0.86 m)	9" W x 43" L x 34" H (0.23 x 1.09 x 0.86 m)	9" W x 60" L x 34" H (0.23 x 1.52 x 0.86 m)	24" W x 84" L x 2" H (0.61 x 2.13 x 0.05 m)
Deployed Size	18" W x 8' L x 30.25" H (0.46 x 2.44 x 0.77 m)	18" W x 10' L x 30.25" H (0.46 x 3.05 x 0.64 m)	18" W x 12' L x 30.25" H (0.46 x 3.66 x 0.64 m)	18" W x 16' L x 30.25" H (0.46 x 4.88 x 0.64 m)	24" W x 84' L x 0.38" H (0.61 x 2.13 x0.01 m)

SHELTER ACCESSORIES

PORTABLE BENCH

This innovative portable bench is a lightweight and cost-effective solution for your seating needs. Manage your scene after decontamination with a staged seating area. Contain and coordinate in a calm environment while people await further direction.

FEATURES & BENEFITS

- Firefighters can walk out of a hot zone, then sit and rest with their packs on (no more marring the rig)
- Lightweight
- Non-slip fabric seat cover
- Patented articulating aluminum frame
- Heavy-duty weight capacity
- Easy store and carry
- Storage bag

PORTABLE BENCH	
Part Number	LBE-04-E
Fabric	White (non-slip)
Deployed Size	4' L x 1' 2-1/2" W x 2' H (1.22 x 0.37 x 0.61 m)
Stored Size	27" L x 8" W x 14" H (0.69 x 0.20 x 0.36 m)
Weight Capacity	600 lb (272.16 kg)
Bench Weight	16 lb (7.26 kg)
Shipping Weight	19 lb (8.62 kg)

PORTABLE DRAFTING TABLE

The portable drafting table provides a stable platform for holding laptops or creating crime scene diagrams and cataloging evidence at the scene.

FEATURES & BENEFITS

- Patented articulating aluminum frame
- Magnetic flashlight holder (flashlight not included)
- Collapses into a convenient carry and storage bag
- Stores to 27" x 27" x 6". Space efficient to carry in the trunk of any police vehicle
- Large pocket side bag will hold templates for diagramming
- The 11" x 14" magnetic dry erase tabletop is suitable for drafting
- 23" x 16" drawing surface provides a stable writing or drawing area

PORTABLE DRAFTING TABLE INCLUDES:

1 Magnetic flashlight holder (flashlight not included)
1 11" x 14" magnetic dry erase tabletop
1 23" x 16" drawing surface
1 Removable accessory bag (hooks to the side of the tabletop)
1 Transport bag w/shoulder straps and zippered pocket

PORTABLE DRAFTING TABLE	
Part Number	LCT-01
Deployed Size	2' L x 1' 6" W x 3' 5" H (61 x 46 x 4 cm)
Stored Cube	27" x 27" x 6" (69 x 69 x 15 cm)
Table Weight	12.5 lb (5.67 kg)
Shipping Weight	18 lb (8.16 kg)

SHELTER ACCESSORIES

AIRBOSS
PRODUCT AND ACCESSORY
PART NUMBER
INDEX

PRODUCT AND ACCESSORY
PART NUMBER INDEX

When placing an order, please refer to the part number information
in this index to ensure you receive the correct products.

RESPIRATORY PROTECTION
RESPIRATORS

LOW BURDEN MASK (LBM)		PAGE 6
Part Number	**Size**	**Description**
095110A01-S---A	Small	Low Burden Mask without sun visor
095110A01-M---A	Medium	Low Burden Mask without sun visor
095110A01-L---A	Large	Low Burden Mask without sun visor
095110A01-XL--A	Extra Large	Low Burden Mask without sun visor
095120A01-S---A	Small	LBM CE
095120A01-M---A	Medium	LBM CE
095120A01-L---A	Large	LBM CE
095120A01-XL--A	Extra Large	LBM CE
095150A01-S---A	Small	LBM NIOSH
095150A01-M---A	Medium	LBM NIOSH
095150A01-L---A	Large	LBM NIOSH
095150A01-XL--A	Extra Large	LBM NIOSH

LBM OUTSERT VISORS	WITH LASER PROTECTION	
Part Number	**Size**	**Description**
095505B01-SM--A	Small / Medium	Green visor with laser protection (G6-AB)
095505B01-LXL-A	Large / Extra Large	Green visor with laser protection (G6-AB)
095506A01-SM--A	Small / Medium	Orange visor with laser protection (FT-AB)
095506A01-LXL-A	Large / Extra Large	Orange visor with laser protection (FT-AB)
095509A01-SM--A	Small / Medium	Brown visor with laser protection (GI-AB)
095509A01-LXL-A	Large / Extra Large	Brown visor with laser protection (GI-AB)

LBM OUTSERT VISORS	WITHOUT LASER PROTECTION	
Part Number	**Size**	**Description**
095510A01-SM--A	Small / Medium	Smoke visor with sun protection
095510A01-LXL-A	Large / Extra Large	Smoke visor with sun protection
095502D01-SM--A	Small / Medium	Dark smoke visor with sun protection
095502D01-LXL-A	Large / Extra Large	Dark smoke visor with sun protection
095507D01-SM--A	Small / Medium	Clear visor with scratch protection
095507D01-LXL-A	Large / Extra Large	Clear visor with scratch protection
095501-SM--A	Small / Medium	Yellow visor with improved contrast/blue blocker
095501-LXL-A	Large / Extra Large	Yellow visor with improved contrast/blue blocker

LBM OPTICAL INSERT	
Part Number	**Description**
095540D01	An optional prescription (Rx) carrier that can be fitted with single-vision prescription lenses provided by your eye care specialist. The Rx Carrier clips discreetly inside your AirBoss Low Burden Mask

LBM ACCESSORIES

Part Number	Description
088071	C4/PC4/LBM grey inlet
088921	1 quart canteen and M1 cap
088961D01	C4/PC4/LBM mask carrier
095520D01	LBM sizing tool
095530D01	LBM voice amplifier ensemble (original exhalation system)
095530D02	LBM voice amplifier ensemble (new exhalation system)
095531	LBM VPU outlet valve cover (original exhalation system)
095532A01	LBM VPU outlet valve cover (new exhalation system)
095906	LBM mouthpiece
095907	LBM/C4 CE outlet valve

C4 CBRN GAS MASK — PAGE 8

Part Number	NSN	Size	Description
088011C01-XS--A	4240-21-906-0839	Extra Small	Black
088011C01-S---A	4240-21-906-0838	Small	Black
088011C01-M---A	4240-21-906-0837	Medium	Black
088011C01-L---A	4240-21-906-0836	Large	Black

C4/PC4/C4 CE OPTICAL INSERT

Part Number	Description
088551C08	A prescription (Rx) carrier that can be fitted with single-vision prescription lenses provided by your eye care specialist. The Rx Carrier then clips discreetly inside your AirBoss C4 / PC4 / C4 CE Mask

C4/PC4/C4 CE ACCESSORIES AND PARTS

Part Number	Description
087881	C4/PC4 conversion tool
088071	C4/PC4/LBM grey inlet
088081	4/PC4 plug nose-cup
088141	C4/PC4 mouthpiece
088191A01	C4/PC4 blue inlet valve
088311A01	C4/PC4 black outlet valve (Not CE)
088331	C4/PC4 lenses (left)
088341	C4/PC4 lenses (right)
088701	C4/PC4 voice amplifier
088711	C4 retaining ring black
088771	C4/PC4 sizing tool
088831C05	Mask maintenance
088961D01	C4/PC4/LBM mask carrier

RESPIRATORY

CBRN PAPR NIOSH - C420/PROMASK 2000/CAP 1 - KIT

"Included in each kit: 1x C420 PAPR, 2x Cap 1 filters, 1x 30in Breathing hose, 1x Decon Belt 70"", 1x Primary (LiSO) and 1x Rechangable (NiMH) battery with Charger and Cap 1
ProMask can be configured with or without hydration (on the left or right side). Available in small or medium."

Part Number	Description
CBRN1-HRS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Hydration on right side
CBRN1-HLS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Hydration on Leftside
CBRN1-HRM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Hydration on right side
CBRN1-HLM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Hydration on Leftside
CBRN1-NRS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Filter Cap on right side
CBRN1-NLS-30-B	CBRN Kit - C420, Cap 1 Filters & Small Promask 2000 w/ Filter Cap on left side
CBRN1-NRM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Filter Cap on right side
CBRN1-NLM-30-B	CBRN Kit - C420, Cap 1 Filters & Medium Promask 2000 w/ Filter Cap on left side

CBRN PAPR NIOSH - C420/PROMASK2000/CAP 1 - NIOSH COMPONENTS & ACCESSORIES

Part Number	Item	Description
CBRN-60214-001	CBRN C420 Blower	CBRN C420 single speed blower
CBRN-20020-001	CBRN LiSO2 Battery	LiSO2, NON-rechargeable battery
CBRN-20036-001	CBRN NiMH Recharge Battery	NiMH rechargeable battery with GRN end cap
CBRN-20040-001	CBRN Rapid Battery Charger	Universal rapid battery charger with 2 NiMH batteries
CBRN-20090-001	CBRN Rapid Battery Charger	Rapid battery charger – 120v/230v
CBRN-30020-001	CBRN Airflow Indicator	Airflow indicator
CBRN-30019-001	CBRN Webbing Belt	60"webbing belt assembly
CBRN-30021-001	CBRN Decon Belt	70" decon belt assembly
CBRN-30060-001	CBRN Battery Cap	Rechargeable battery cap assembly, CBRN
CBRN-30116-001	CBRN Breathing Tube	Breathing tube assembly with 90° swivel, 30"L, CBRN
CBRN-30118-001	CBRN Breathing Tube	Breathing tube assembly with 90° swivel, 36"L, CBRN
CBRN-40088-HRS	CBRN Small Promask 2000 w/ Hydration on right side	
CBRN-40088-HLS	CBRN Small Promask 2000 w/ Hydration on Leftside	
CBRN-40088-HRM	CBRN Medium Promask 2000 w/ Hydration on right side	
CBRN-40088-HLM	CBRN Medium Promask 2000 w/ Hydration on Leftside	
CBRN-40088-NRS	CBRN Small Promask 2000 w/ Filter cap on right side	
CBRN-40088-NLS	CBRN Small Promask 2000 w/Filter cap on Leftside	
CBRN-40088-NRM	CBRN Medium Promask 2000 w/ Filter cap on right side	
CBRN-40088-NLM	CBRN Medium Promask 2000 w/ Filter cap on Leftside	
CBRN-45245-001	CBRN Valve Seat and Valve Disc	Replacement valve seat and disc set, Promask 2000
CBRN-70018-001	Snap Caps (Set of 2)	Plastic cover slides on filter opening to keep water out. Compatible with the CAP1, M96, and M96 CE filters.
CBRN-70027-001	CBRN CAP 1 Filter Cartridge	
CBRN-70027-020	CBRN CAP 1 Filter Cartridge - Case of 20	
CBRN-70027-480	CBRN CAP 1 Filter Cartridge - Pallet of 480	

C420 PAPR NIOSH KIT

Part Number	Description	Detail
N-60198-001	C420 PAPR Kit With Hydration (NIOSH approved w/ M96 and FR-C2A1 filters)	1 C420 single speed toggle (NIOSH approved), 1 LiSO2 battery (BA-5800), 1 hydration valve kit – Promask 2000, 1 universal rapid charger with 2 NiMH rechargeable batteries with 1 green battery cap, 1 airflow indicator, 1 belt assembly – 60" L x 2" W, 1 breathing tube assembly with 90° swivel, 2 M96 Cartridge (foiled sealed), 1 pouch – gas mask and filter canister, 2 snap caps, 1 Thermobak/omega with 3L CBR 4.0 reservoir. and HydroLink adaptor – black, 1 Promask 2000, med/lrg with natural rubber head harness, 1 molded carrying case – 19" x 14" x 7-1/8"
N-60199-001	C420 PAPR Kit Without Hydration (NIOSH approved w/ M96 and FR-C2A1 filters)	1 C420 single speed toggle (NIOSH approved), 1 LiSO2 battery (BA-5800), 1 universal rapid charger with 2 NiMH rechargeable batteries with 1 green battery cap, 1 airflow indicator, 1 belt assembly – 60" L x 2" W, 1 breathing tube assembly with 90° Swivel, 2 M96 Cartridge (foiled sealed), 1 Promask 2000 reg. (med/lg) with NR (natural rubber) head harness, 1 molded carrying case – 19" x 14" x 7-1/8"

*Default Size Mask Medium, Small Mask is available to replace in kit upon request.

C420 CONFIGURATIONS

NIOSH - C420 CONFIGURATIONS APPROVED W/ M96 AND FR-C2A1 FILTERS

Part Number	Description	Detail
M-60031-001	Blower, C420 single speed toggle	approved w/ M96 and FR-C2A1 filters
M-60067-001	C420 Single Speed Blower Assembly, w/Remote Cable Connection	approved w/ M96 and FR-C2A1 filters

ADDITIONAL C420 CONFIGURATIONS

Part Number	Description
M-60038-001	C420 3-speed blower with remote cable connection and remote cable assembly
M-60141-001	C420 Single speed PAPR with low flow and battery alarms

STANDARD C420 PAPR COMPONENTS & ACCESSORIES

Part Number	Item	Description
C-30203-001	Butyl - Breathing Tube - 36"	
C-30205-001	Butyl - Breathing Tube - 30"	
C-30206-001	Premium Hose Wrap, 30"	
C-30207-001	Premium Hose Wrap, 36"	
M-40047-001	Promask 2000, small with natural rubber head harness	LiSO2, NON-rechargeable battery
M-40082-001	Promask 2000, med-lrg, with natural rubber head harness	NiMH rechargeable battery with GRN end cap
M-45189-001	Promask 2000 Spectacle Frame Kit	Universal rapid battery charger with 2 NiMH batteries
M-45124-001	Hydration valve kit, for Promask 2000	Rapid battery charger – 100v/240v
M-45176-001	Hydration drink tube, Promask 2000	Airflow indicator
M-45182-001	CamelBak Big Bite Valve with HydroLink adaptor and cover	70" decon belt assembly
M-45311-MC	MPHS Hydration System	
M-20020-001	LiSO2 battery (BA-5800)	
M-20020-008	Battery-Li-SO2 (BA-5800A/U), Pack of 8	
M-20036-001	C420 NiMH recharge battery NOTE: If the customer is looking for the green cap, the PN is S-20036-001	
S-20036-001	NiHM C420 rechargeable battery with green cap	

Part Number	Item	Description
S-20036-002	NiHM Battery - Rechargeable, C420 w/Cap (Pack of 2)	
S-20040-001	Charger and 2 NiMH Batteries w/Cap	Universal rapid battery charger with 2 NiMH rechargeable batteries, with 1 green battery cap
S-20090-001	Charger (US)	Rapid battery charger – 120v/230v US plug
S-20090-002	Charger (EU)	Rapid battery charger – 120v/230v EU plug
S-20090-003	Charger (UK)	Rapid battery charger – 120v/230v UK plug
S-20090-004	Charger (AU)	Rapid battery charger – 230v/240v AU plug
S-20092-001	Power Adapter	DC power adapter for C420
M-60039-001	C420 remote cable assembly 38"	Only remote cable - Works with M-60067-001, M-60036-001 & M-60038-001
M-30185-001	C420 leak test kit	
M-45212-BLK	C420 black blower pouch, Velcro	
M-45213-BLK	C420 BLK blower pouch, snap belt attach	
S-10079-001	Molded carrying case – 19" x 14" x 7-1/8"	
S-30013-001	Breathing Tube Assembly, 90 Degree Swivel	
S-30067-001	Breathing Tube Assembly, 75 Degree Swivel	
S-30116-001	Breathing Tube Assembly, 30" Lg., Responder PAPR	
S-30118-001	Breathing Tube Assembly, 36" Lg., Responder PAPR	
S-30020-001	Airflow Indicator	Airflow indicator, used with tight fit face piece
S-70018-001	Snap Caps (Set of 2)	Plastic cover slides on filter opening to keep water out. Compatible with the CAP1, M96, and M96 CE filters.
M-70004-001	Filter Shower Cap (Splash Guard)	Rubber cover to keep water from entering the filter. Compatible with the FR-C2A1 filter.

C420 REPLACEMENT PARTS

Part Number	Item	Description
M-30029-001	Battery Cap Assembly - Black Primary	Battery cap assembly, standard, black
M-30060-001	Battery Cap Assembly - Green Rechargeable	Battery cap assembly, recharge battery, GRN
M-45180-BLK	CBRX Reservoir and HydroLink	Thermobak 3L with CBRX reservoir and HydroLink, black
M-60026-002	Gasket (C420 and FlexAir blower filter)	Blower filter gasket, set of 2
S-10017-025	Plug Cap	Green plug cap – pack of 25
S-10022-001	Breathing Tube Assembly Gasket	Breathing tube assembly gasket
S-45115-001	RD 40 Filter Plug	Blanking plug – black
S-45046-001	Promask 2000 Valve Seat Set	Valve seat set, Promask 2000; inhalation valve seat and valve seat of nose cup
S-45047-001	Promask 2000 Valve Disc Set	Valve disc set, Promask 2000; inhalation valve disk and valve disk nose cup
S-45048-001	Promask 2000 Inner Mask	Inner mask with fast ring for the Promask 2000
S-45052-001	Promask 2000 Replacement Visor	Replacement visor for the Promask 2000
M-45112-001	Promask 2000 Head Harness	EPDM head harness – Promask 2000
M-45179-001	Promask 2000 S Adapter	S adapter, Promask 2000, CBRX

RESPIRATORY

(vertical side text)

FLEXAIR® PAPR SYSTEM PAGE 10

Part Number	Description	Details
N-60180-001	Blower Kit ONLY	1 Airflow indicator, 1 belt assembly – 60" L x 2" W
N-60202-WHT	System with Visor	1 Charger with barrel plug – Li-Ion battery, 1 belt assembly – 60" L x 2" W, 1 airflow indicator, 1 breathing tube assembly – loose fitting head cover – white, 1 loose fitting visor with drawstring – Tychem QC – white, 2 HE2 filters, 1 user instruction – loose fitting visor with drawstring, 1 user instruction
N-60207-WHT	System with Chemical Hood	1 Charger with barrel plug – Li-Ion battery, 1 belt assembly decon – 70" L x 2" W, 1 airflow indicator, 1 breathing tube assembly – loose fitting head cover – white, 1 breathing tube cover – Tychem SL, 1 loose fitting hood with cape – Tychem SL, 3 M96 Cartridge (foiled sealed), 1 user instruction – loose fitting hood with cape, 1 user instruction
N-60244-WHT	System with Hood	1 Charger with barrel plug – Li-Ion battery, 1 belt assembly – 60" L x 2" W, 1 airflow indicator, 1 breathing tube assembly – loose fitting head cover – white, 1 loose fitting hood with cape – Tychem QC – white, 2 HE2 filters, 1 user instruction – loose fitting hood with cape Tychem QC, 1 user instruction

FLEXAIR® PAPR ACCESSORIES

Part Number	Description
M-60176-WHT	FlexAir blower – white
S-20106-001	Battery charger, B.P., Li-Ion battery, US
S-20106-002	Battery charger, plug type C, EU, Li-Ion battery
S-20106-003	Battery charger, plug type G, UK Li-Ion battery
S-20106-004	Battery charger, plug type I, AU Li-Ion battery
S-30019-001	Belt assembly – 60" L x 2" W
S-30021-001	Belt assembly – DECON – 70" L x 2" W
S-30111-001	Breathing tube assembly, used with loose fit head cover, black
S-30112-001	Airflow indicator, used with loose fit cover
S-30116-001	Breathing tube assembly – responder PAPR 30"
S-30118-001	Breathing tube assembly – responder PAPR 36"
S-30128-001	Breathing tube assembly, used with loose fit head cover, white
S-40078-W01	Loose-fit visor, with drawstring, Tychem QC, white
S-40084-W01	Loose-fit hood, cape, Tychem QC, white
S-40085-001	Loose-fitting hood with cape, Tychem SL, white
S-45177-001	Breathing tube cover – Tychem SL

AIRBOSS 100® HALF MASK RESPIRATOR PAGE 11

Part Number	Description	Details
41000	Small / Medium Kit	Includes mask, filter, and head harness
41007	Large / Extra Large Kit	Includes mask, filter, and head harness

AIRBOSS 100 HALF MASK RESPIRATOR ACCESSORIES AND REPLACEMENT PARTS

Part Number	Description	Details
41002	Filter Pack	Includes 5 N100 filters
41003	Visor Pack	Includes 10 visors and 2 pairs of visor clips
41004	Visor Clips	Includes 2 pairs of clips
41006	Head Harness	Includes 1 harness

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FILTRATION

CBRN CAP 1 CARTRIDGE — PAGE 12

Part Number	Quantity
CBRN-70027-001	1 unit
CBRN-70027-020	20 per case
CBRN-70027-480	480 per pallet

FR-C2A1 CARTRIDGE — PAGE 13

Part Number	Quantity
S-70019-F01	1 unit
S-70019-F20	20 per case
S-70019-F480	480 per pallet

M96 CARTRIDGE — PAGE 12

Part Number	NSN	Quantity
S-70020-F01	4240-01-574-9568	1 unit
S-70020-F20		20 per case
S-70020-F480		480 per pallet

RIOT CONTROL CARTRIDGE (Coming Soon) — PAGE 14

Part Number	Quantity
S-70060-001	1 unit

M96 CE CARTRIDGE — PAGE 13

Part Number	Part Number (Canada)	Quantity
S-70033-001	088881	1 unit

HE FILTER — PAGE 14

Part Number	Quantity
S-70013-001	1 unit
S-70013-020	20 per case
S-70013-480	480 per pallet

WEARABLES

MOLDED LIGHTWEIGHT OVERBOOT (MALO) PAGE 18

Part Number	NSN	Size
230561A01-S---A	8430-20-007-7781	Small
230561A01-M---A	8430-20-007-7783	Medium
230561A01-L---A	8430-20-007-7782	Large
230561A01-XL--A	8430-20-007-7784	Extra Large
230561A01-XXL-A	8430-20-007-7785	Extra Extra Large

AIRBOSS MOLDED GLOVE (AMG) PAGE 19

Part Number	NSN	Size	Description
089631A01-S---A	8415-21-921-2165	Small	With CoolMax liner
089631A01-MN--A	8415-21-921-2166	Medium Narrow	With CoolMax liner
089631A01-M---A	8415-21-921-2167	Medium	With CoolMax liner
089631A01-LN--A	8415-21-921-2169	Large Narrow	With CoolMax liner
089631A01-L---A	8415-21-921-2170	Large	With CoolMax liner
089631A01-XLN-A	8415-21-921-2171	Extra Large Narrow	With CoolMax liner
089631A01-XL--A	8415-21-921-2172	Extra Large	With CoolMax liner
		Small	With Touchscreen CoolMax Liner
		Medium Narrow	With Touchscreen CoolMax liner
		Medium	With Touchscreen CoolMax liner
		Large Narrow	With Touchscreen CoolMax liner
		Large	With Touchscreen CoolMax liner
		Extra Large Narrow	With Touchscreen CoolMax liner
		Extra Large	With Touchscreen CoolMax liner
089641A01-S---A		Small	Without CoolMax liner
089641A01-MN--A		Medium Narrow	Without CoolMax liner
089641A01-M---A		Medium	Without CoolMax liner
089641A01-LN--A		Large Narrow	Without CoolMax liner
089641A01-L---A		Large	Without CoolMax liner
089641A01-XLN-A		Extra Large Narrow	Without CoolMax liner
089641A01-XL--A		Extra Large	Without CoolMax liner
REPLACEMENT LINERS			
089010G01-S---A	8415-21-921-2543	Small	CoolMax liner
089010G01-M---A	8415-21-921-2544	Medium	CoolMax liner
089010G01-L---A	8451-21-921-2546	Large	CoolMax liner

VAPOR BARRIER BUNNY BOOT			PAGE 20		
Part Number	NSN	Size	Part Number	NSN	Size
530201U03-03-RA	8430-01-630-7770	3 Regular	530201U03-09-WA	8430-01-630-8232	9 W
530201U03-04-RA	8430-01-630-7781	4 R	530201U03-10-WA	8430-01-630-8552	10 W
530201U03-05-RA	8430-01-630-7796	5 R	530201U03-11-WA	8430-01-630-8562	11 W
530201U03-06-RA	8430-01-630-8022	6 R	530201U03-12-WA	8430-01-630-8569	12 W
530201U03-07-RA	8430-01-630-8035	7 R	530201U03-13-WA	8430-01-630-8576	13 W
530201U03-08-RA	8430-01-630-8093	8 R	530201U03-14-WA	8430-01-630-8581	14 W
530201U03-09-RA	8430-01-630-8230	9 R	530201U03-03-NA	8430-01-630-7763	3 N
530201U03-10-RA	8430-01-630-8550	10 R	530201U03-04-NA	8430-01-630-7779	4 N
530201U03-11-RA	8430-01-630-8557	11 R	530201U03-05-NA	8430-01-630-7792	5 N
530201U03-12-RA	8430-01-630-8566	12 R	530201U03-06-NA	8430-01-630-7808	6 N
530201U03-13-RA	8430-01-630-8575	13 R	530201U03-07-NA	8430-01-630-8029	7 N
530201U03-14-RA	8430-01-630-8580	14 R	530201U03-08-NA	8430-01-630-8039	8 N
530201U03-03-WA	8430-01-630-7773	3 Wide	530201U03-09-NA	8430-01-630-8098	9 N
530201U03-04-WA	8430-01-630-7789	4 W	530201U03-10-NA	8430-01-630-8518	10 N
530201U03-05-WA	8430-01-630-7807	5 W	530201U03-11-NA	8430-01-630-8555	11 N
530201U03-06-WA	8430-01-630-8026	6 W	530201U03-12-NA	8430-01-630-8565	12 N
530201U03-07-WA	8430-01-630-8038	7 W	530201U03-13-NA	8430-01-630-8572	13 N
530201U03-08-WA	8430-01-630-8096	8 W	530201U03-14-NA	8430-01-630-8578	14 N

EXTREME COLD WEATHER MUKLUK			PAGE 21
Part Number	Size	Part Number	Size
550951U03R05--A	5	550951U03R10--A	10
550951U03R06--A	6	550951U03R11--A	11
550951U03R07--A	7	550951U03R12--A	12
550951U03R08--A	8	550951U03R13--A	13
550951U03R09--A	9		

WEARABLES

MOBILITY SYSTEMS

Contact ADG for part numbers

WARRIOR SYSTEMS

THE BLAST GAUGE® SYSTEM			PAGE 34
Part Number	NSN	Description	
BB-1700K-01*	6665-01-665-8243	Blast Gauge System Set (includes three gauges)	
BB-1700A-01		Single Blast Gauge System (includes one gauge)	
* Formerly part # G701			

ENERGETICS

BANDOLIER® LIGHTWEIGHT CLEARING CHARGE			PAGE 36
Part Number	NSN	Description	
500-0307-B		Bandolier Lightweight Clearing Charge, NATO Config B, Olive Drab Green	
500-0307-D	1375-17-126-7476	Bandolier Lightweight Clearing Charge, Config D, Desert Tan	
500-0307-E		Bandolier Lightweight Clearing Charge, NATO Config D, Olive Drab Green	
500-0307-C	1375-17-128-2772	INERT Bandolier System, Bronze	

WARRIOR

SHELTER SYSTEMS

DECONTAMINATION SHELTERS

INDIVIDUAL DECON SHELTER		PAGE 38
Part Number	**Description**	
SD1-TTB02-GZ	Individual decon shelter, 5.25' L x 5.5' W	
SYS-Ind-10-13-1	Individual decon - 5.25' L x 5.5' W shelter system, includes various accessories	

2-LINE DECON SHELTER		PAGE 39
Part Number	**Description**	
SD2-TZB08-GZ	2-Line decon shelter, 20' L x 8' W	
SYS-2 Line 8-20-1	2-Line decon – 20' L x 8' W shelter system, includes various accessories	

3-LINE DECON SHELTER			PAGE 40
Part Number	**NSN**	**Description**	
SD3-UZA08-GZ	8340-01-618-8769	3-Line decon shelter, 20' L x 11' W	
SYS-3 Line 11-20-1	6665-01-564-1833	3-Line decon – 20' L x 11' W shelter system, includes various accessories	

4-LINE DECON SHELTER			PAGE 41
Part Number	**NSN**	**Description**	
SD4-WxA08-GZ	5411-01-597-5570	4-Line decon shelter, 19' L x 16' W	
SYS-SD4-WxA08-GZ	4240-01-641-4250	4-Line decon – 19' L x 16' W shelter system, includes various accessories	

GENERAL PURPOSE SHELTERS

COMMAND POST SHELTER		PAGE 42
Part Number	**Description**	
SCP-TZB04-Z*	Small, 10' L x 8' W x 7'3" H (3.0 x 2.4 x 2.2 m)	
SCP-TZB05-Z*	Medium, 12' 6" L x 8' W x 7'3" H (3.8 x 2.4 x 2.2 m)	
SCP-TZB06-Z*	Large, 14'11" L x 8' W x 7'3" H (4.5 x 2.4 x 2.2 m)	
* Exterior Fabric Color Codes:	**E** = White **G** = Yellow **K** = Blue **N** = Tan **Y** = Grey	

FIRST RESPONSE SHELTER		PAGE 43
Part Number	**Description**	
SFR-UZA05-Z*	Small, 12'3" L x 10'9" W x 8' H (3.7 x 3.3 x 2.4 m)	
SFR-UZA06-Z*-US	Berry compliant, medium, 14'8" L x 10'9" W x 8' H (4.5 x 3.3 x 2.4 m)	
SFR-UZA06-Z*	Medium, 14'8" L x 10'9" W x 8' H (4.5 x 3.3 x 2.4 m)	
SFR-UZA08-Z*	Large, 19'6" L x 10'9" W x 8' H (5.9 x 3.3 x 2.4 m)	
* Exterior Fabric Color Codes:	**E** = White **G** = Yellow **K** = Blue **N** = Tan **Y** = Grey	

SHELTERS

CASUALTY MANAGEMENT SHELTER		PAGE 44
Part Number	**Description**	
SCM-WxA07-Z*	Small, 17'1" L x 16' W x 9'5" H (5.2 x 4.9 x 2.9 m)	
SCM-WxA09-Z*	Medium, 21'4" L x 16' W x 9'5" H (6.5 x 4.9 x 2.9 m)	
SCM-WxA10-Z*	Large, 23'9" L x 16' W x 10'3" H (7.2 x 4.9 x 2.9 m)	
* Fabric Color Codes:	**E** = White **G** = Yellow **K** = Blue **N** = Tan **Y** = Grey	

S-FRAME SHELTER		PAGE 45
Part Number	**Description**	
SUR-SZA09-EY	Multi-purpose S-frame shelter – 21' L x 20' W x 10' H (6.4 x 6.1 x 3.0 m)	

VEHICLE TOPPER		PAGE 46
Part Number	**Description**	
STP-UB04-Z*	Clear span interior – includes (4) 25 lb ea. sandbags, repair kit, hardware kit, and anchor kit, choice of color*, 9'8" L x 10'9" W x 8' H	
STP-UZB04-Z*-0009	Clear span interior – includes 4 custom banners, (4) 25 lb ea. sandbags, repair kit, hardware kit, and anchor kit, choice of color*, 9'8" L x 10'9" W x 8' H	
* Fabric Color codes:	**G** = Yellow **K** = Blue **E** = White	

VEHICLE TOPPER ACCESSORIES		
Part Number	**Item**	**Description**
X-SB-0	Sand Bag	Set of 4, 25 lb ea., heavy duty black canvas with webbed handle
AK-CO-TPR	Anchor Kit, Topper	Includes 4 wind line assembly, 1 bag, 8-9" orange stakes
KIT-01-01-UBA	Repair Kit, Topper	Includes 1 strut with white spacer, 1 strut with red spacer, 1 strut with black spacer, 1 node, 4 shoulder bolts, tear aid tape, bolts, washers, 9" locking strap assembly, 1 bag
21S0022	Compression Strap	8' Compression Strap

BODY SCENE AND FORENSICS SHIELD		PAGE 46
Part Number	**Item**	**Description**
LBS-04-05-K	Short Profile	Short, low-profile body shield – 4'3" D x 4' H
LBS-04-10-K	Low Profile	Standard low-profile body shield – 8'6" D x 4' H
LBS-06-12-K	High Profile	High-profile body shield – 11' D x 6' H

SHELTERS

SHELTER ACCESSORIES

EXTERNAL HAZMAT BASINS
PAGE 48

Part Number	NSN	Description
HMB-36-36-0	4235-01-591-2439	3' L x 3' W x 1' H (0.91 x 0.91 x 0.30 m)
HMB-45-45-0	4235-01-603-7720	3'9" L x 3'9" W x 1' H (1.14 x 1.14 x 0.30 m)
HMB-55-55-0		4'7" L x 4'7" W x 1' H (1.40 x 1.40 x 0.30 m)
HMB-48-96-0		4' L x 8' W x 1' H (1.22 x 2.44 x 0.30 m)
HMB-72-96-0		6' L x 8' W x 1' H (1.83 x 2.44 x 0.30 m)
HMB-96-96-0		8' L x 8' W x 1' H (2.44 x 2.44 x 0.30 m)

INTERNAL CONTAINMENT BASINS
PAGE 48

Part Number	Item	Description
HDB-TT-02-I-01	Basin, Ind, TT	Basin, internal, individual
HDB-TZ-04-I-01	Basin, 2-Line, T8	Heavy duty, 10' L x 8' W, with bag
HDB-UZ-04-I-01	Basin, 3-Line, U8	Heavy duty, 10' L x 10' W, with bag
HDB-WZ-04-I-01	Basin, 4-Line, W8	Heavy duty, 16' L x 10' W, with bag

WASTE STORAGE BLADDER WITH BACK FLOW PREVENTION
PAGE 49

Part Number	Description
WSB-100G	100 gallons (379 liters)
WSB-250G	250 gallons (946 liters)
WSB-500G	500 gallons (1,893 liters)
WSB-1000G	1,000 gallons (3,785 liters)
WSB-1500G	1,500 gallons (5,678 liters)
WSB-2000G	2,000 gallons (7,571 liters)

POTABLE BLADDER

Part Number	Description
PSB-1500G	1,500 gallons (5,678 liters)

AIR HEATER – DIESEL INDIRECT FIRED
PAGE 49

Part Number	Description
AH-122-15	Forced air heater, multifuel, 122K BTU

SHELTERS

FLASH WATER HEATER
<div align="right">PAGE 50</div>

Part Number	NSN	Description
WH-180-4-0		WH without injection system, 180K BTU
WH-340-0-1		WH without injection system, 340K BTU
WH-340-1-1		WH with injection system, 340K BTU
WH-500-5-0		WH without injection system, 500K BTU
WH-500-2-1	4520-01-600-8579	WH with injection system, 500K BTU

LIGHT FIXTURE
<div align="right">PAGE 51</div>

Part Number	Description
LF-50-1-0008	Light fixture, 50w, 120v, 50-60hz, single bulb
LF-50-4-KIT	(4) 50w each with hangers, case, outlet tower, 3-wire, GFCI

WASTE WATER PUMP
<div align="right">PAGE 52</div>

Part Number	NSN	Description
WP-30-S	4630-01-593-3149	Submersible, 110v, 12 GPM rating when used with 10' hose, 1.2 AMPS @ 115v (less than a 1/4 horsepower), built-in pick-up foot, 10' hose and GFI

HAND TRUCK
<div align="right">PAGE 52</div>

Part Number	Description
HT-01	Hand truck

TRANSPORT CART
<div align="right">PAGE 52</div>

Part Number	Description
HT-36-72	Flat deck, 12" pneumatic wheels, gray, 2K lb capacity, 36" W x 72" L

PLATFORM TRUCK
<div align="right">PAGE 52</div>

Part Number	Description
HT-36-72-01	Steel, blue, (4) removable rails, cross straps, swivel casters, foam filled, 10"D, (2) casters have swivel locks, 36" W x 72" L

ANCHORING OPTIONS — WITHOUT STAKES
<div align="right">PAGE 53</div>

Part Number	Item	Description
X-SB-0	Anchoring sandbags	Set of 4, 25 lb ea., heavy duty black canvas with webbed handle
WB-60-06-V-A	Anchoring water bladders	Portable water bladder anchor, black, 5' L x 6" W

LITTER CONVEYOR AND BOARD
<div align="right">PAGE 54</div>

Part Number	Description
LC-1808-X	Litter conveyor – 18" W x 8' L
LC-1810-X	Litter conveyor – 18" W x 10' L
LC-1812-X	Litter conveyor – 18" W x 12' L
LC-1816-X	Litter conveyor – 18" W x 16' L
LCA-B	Litter conveyor transfer board – 24" W x 84" L

SHELTERS

PORTABLE BENCH | PAGE 55

Part Number	Description
LBE-04-E	Portable bench – lightweight, non-slip fabric cover, 4' L x 14" W x 20" H

PORTABLE DRAFTING TABLE | PAGE 55

Part Number	Description
LCT-01	Stable platform, large pockets, 48" H x 24" W

GENERAL SHELTER REPAIR PARTS

Part Number	Item	Description
70-R-0A10P	Hardware Set	2 bolts, 2 nuts, 4 flat washers, 40 lock washers, 4 fender washers
70-R-0A22	Tool Set	1 Ratchet tool socket, 1 socket hex head, 1 socket shoulder bolt, 1 wrench hex head
70-R-0A30	Patch Kit	5 Repair aid tape – 3" W x 8" L
70-R-0A51	Node Set	10 Nodes, 40 shoulder bolts
70-R-0A55	Hanger Loops	10 Ring bolts
70-R-0A57	Locking Straps	2 Locking straps, red, with becket/buckle

SHELTER REPAIR KITS   Each kit contains – (1) 1/4" ratchet, (1) 7/16" combo wrench, (1) 7/64" hexbit socket, (1) 7/16" socket

Part Number	Description
KIT-01-01-TTA	TT-frame (Individual) – 2 strut with white spacer, 2 strut with red spacer, 2 nodes, 8 shoulder bolts, (1) 3" W x 8" L tear aid tape, bolts, washers, 2 buckle/becket, bag
KIT-01-01-TZA	T-frame (2-Line) – 2 strut with white spacer, 2 strut with purple spacer, 2 strut with tan spacer, 2 nodes, 8 shoulder bolts, (1) 3" W x 8" L tear aid tape, bolts, washers, 2 buckle/becket, bag
KIT-01-01-UZ	U-frame (3-Line) – 2 strut with white spacer, 2 strut with red spacer, 2 strut with black spacer, 2 nodes, 8 shoulder bolts, (1) 3" W x 8" L tear aid tape, bolts, washers, 2 buckle/becket, bag
KIT-01-01-SZ	S-frame (S9) – 2 strut with white spacer, 2 strut with orange spacer, 2 strut with blue spacer, 2 nodes, 8 shoulder bolts, (1) 3" W x 8" L tear aid tape, bolts, washers, 2 buckle/becket, bag
KIT-01-01-Wa	Wa-frame – 2 strut with white spacer, 2 strut with orange spacer, 2 strut with blue spacer, 2 nodes, 8 shoulder bolts, (1) 3" W x 8" L tear aid tape, bolts, washers, 2 buckle/becket, bag
KIT-01-01-Wx	Wx-frame – 2 strut with orange spacer, 2 strut with blue spacer, 2 strut with yellow spacer, 2 nodes, 8 shoulder bolts, (1) 3" W x 8" L tear aid tape, bolts, washers, 2 buckle/becket, bag

REPLACEMENT STRUT SETS   Each kit contains a set of 4

Part Number	Description
73-R-0U43	T, top, TT, U, Wa, Wx – 29" black strut with white spacer
73-R-0U44	Top, TT, U – 29" black strut with red spacer
73-R-0U45	Top, U – 29" black strut with black spacer
73-R-0U46	Wa, Wx – 29" black strut with orange spacer
73-R-0U47	Wa, Wx – 29" black strut with blue spacer
73-R-0U48	Basin – 24" black strut with white spacer

SHELTERS

REPLACEMENT STRUT SETS   Each kit contains a set of 4 *Continued*

Part Number	Description
73-R-0U61	Wx – 29" black strut with yellow spacer
73-R-0U63	T – 29" black strut with tan spacer
73-R-0U65	T – 29" black strut with purple spacer

WATER AND PLUMBING

Part Number	Item	Description
HW-D10B-.75-CFCF	Water Hose	Nylon, F-F Camlocks, 10', Blue, 3/4"
HW-D10C-.75-CFCF	Water Hose	Nylon, F-F Camlocks, 10', Red, 3/4"
HW-D10V-.75-CFCF	Water Hose	Nylon, F-F Camlocks, 10', Gray, 3/4"
HW-D20B-.75-CFCF	Water Hose	Nylon, F-F Camlocks, 20', Blue, 3/4"
HW-D20C-.75-CFCF	Water Hose	Nylon, F-F Camlocks, 20', Red, 3/4"
HW-D50B-.75-CFCF	Water Hose	Nylon, F-F Camlocks, 50', Blue, 3/4"
HW-D50C-.75-CFCF	Water Hose	Nylon, F-F Camlocks, 50', Red, 3/4"
HAC-.75	Dust Cap	Cam female to cap a male cam, 1/2" – 3/4"
HAK-1	Hose Adapter Kit	(2) 3/4" Yellow A adapters, (4) 3/4" GHT F x 3/4" NPT M fittings, 1 Y connector (without valve), (2) 3/4" D coupler, camlock, 4 garden hose washers
HAS-.75-GFCF	Adapter	Garden female x cam female
HAS-.75-GFCM	Adapter	Garden female x cam male
HS-X-P	Hand Sprayer	Hand-held quick connect sprayer
SMK-2	Shower Maintenance	Shower maintenance kit PVDF s-Intellijet shut-off nozzles
WP-30-S	Waste Water Pump	Submersible, 110v, 300 GPM rating when used with 10' Hose, 1.2 AMPS @ 115v (less than 1/4 horsepower), built-in pick-up foot, 10' hose and GFI

MISCELLANEOUS SHELTER PARTS

Part Number	Description
FR-24-16	Floor risers, rigid, 16" L x 24" W x 1.75" H
FR-24-48	Floor risers, rigid, 48" L x 24" W x 1.75" H
FR-36-24	Floor risers, rigid, 36" L x 24" W x 1.75" H
FR-66-24	Floor risers, rigid, 66" L x 24" W x 1.75" H
12C0012	Portable snap floring, 12" L x 24" W x 1.375" H
20K0001	Litter conveyor spacer plate
20K0171	Litter conveyor stop plate
AK-CO-SML	Includes – (12) 9" orange stakes, (1) 2 lb mallet, 6 wind line assembly, 1 bag
AK-CO-MED	Includes – (16) 9" orange stakes, (1) 2 lb mallet, 6 wind line assembly, 1 bag
AK-CO-LRG	Includes – (24) 9" orange stakes, (1) 2 lb mallet, 12 wind line assembly, 1 bag

SHELTERS

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