FIRST RESPONDERS FIRE EMS HAZMAT MILITARY LAW ENFORCEMENT

INDUSTRIAL SAFETY

LONE WORKER MONITORING FALL PROTECTION CONFINED SPACE ENTRY

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QUIPMENT Inc.

CANADIAN SAFETY EQUIPMENT Inc. has been providing high quality equipment and service to the Fire, Law Enforcement, EMS and Industrial Safety for the last 33 years. Founded by Ross Humphry, the Company has established a reputation for honesty, service and quality products. Word of mouth and referrals have been the driving force behind our steady growth.

Our sister Company, CSE Incendie et Sécurité in St. Laurent Quebec (866-737-2280) was founded in March of 2003 and has established the same reputation for integrity and quality products as that enjoyed by Canadian Safety Equipment.

Although Canadian Safety Equipment initially specialized in Confined Space Equipment it soon responded to market demands for quality Fire Service Products and services and has since expanded to include FIRE, EMS, LAW ENFORCEMENT and SAFETY products.

In addition to being a full-service distributor we are pleased to be the Master Canadian distributor for Pacific Helmets, SAVOX Communications, Eflares and the SearchPro+ underwater drones.

FIRE FIGHTING EQUIPMENT **CONFINED SPACE** ENTRY/RESCUE HIGH ANGLE RESCUE PROTECTIVE CLOTHING RESPIRATORY LONE WORKER MONITORING PROTECTION FALL PROTECTION **INDUSTRIAL SAFETY** VENTILATION COMMUNICATION HAZMAT-DECON GAS DETECTION AUTO EXTRICATION UNDERWATER DRONES

SERVICE

CSE is an authourized Canadian Service Center for:

AVON PROTECTION INTERSPIRO SUNDSTROM T. A. PELSUE TEMPEST/LEADER SAVOX COMMUNICATIONS SOLO RESCUE

In addition, we provide the annual inspection and re-certification for Self Retracting Lifelines and DBI/Sala fall protection products including body harness and lanyard inspections.

Drop by our new website at www.cdnsafety.com to see our full range of products, specials, clearance items and new products

IF YOU DON'T SEE IT IN THIS CATALOGUE, PLEASE GIVE US A CALL AND WE'LL DO OUR BEST TO SOURCE IT FOR YOU.

Unit 3 – 2865 ARGENTIA ROAD, MISSISSAUGA, ON L5N 8G6 Ph: (800) 265-0182 (905) 826-2740 info@cdnsafety.com www.cdnsafety.com En Français: (866) 737-2280 info@cseis.com

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SELF CONTAINED BREATHING APPARATUS



The Spiromatic[™] S9

At Interspiro, we've worked for almost a hundred years to keep professionals breathing in hazardous environments. Many of our technological breakthroughs in breathing equipment have become industry standards, such as 300 bar and positive pressure. Today our equipment is used by firefighters and divers all over the world, and we work in close partnership with fire and rescue services, defense, shipping and heavy industry to meet and exceed their requirements. Interspiro is a member of the Ocenco Group and our headquarters is located in Stockholm, Sweden.

The Spiromatic[™] S9 SCBA

makes the heavy weight of duty feel lighter than ever. Your SCBA is your life insurance. Above all it must be built to withstand the toughest conditions, but the less you have to think about it being there, the more freedom you will have to do your duty. With a Spiromatic S9 you will not only feel less restrained, you will breathe easier too. The ergonomic harness distributes the air cylinder's weight perfectly, while its regulator system delivers industry-leading air flow rates along with the lowest breathing resistance of any NFPA approved SCBA.



The S9 is the ninth generation NIOSH and NFPA approved SCBA from Interspiro. It combines the latest electronic developments, a robust and ergonomic harness concept with the proven performance of the Spiromatic-S series 1st stage regulator, 2nd stage breathing valve and the S9 face mask.

The harness is designed with an absolute minimum of textile parts, making it less susceptible to contamination and much easier to clean.

The digital display can be configured to show one or more of these screens:

- 1. Cylinder pressure symbol
- 2. Cylinder pressure in psi
- 3. Remaining air time based on actual breathing rate
- 4. Absorbed temperature



ALL SCBAs are available for LEASE or PURCHASE



SELF CONTAINED BREATHING APPARATUS



The Spiromatic[™] S9Incurve

The S9 Incurve SCBA Wear it for your health, not just for safety. Long after leaving a fire scene, firefighters can be exposed to toxic and carcinogenic agents contaminating their personal protective equipment. To reduce this risk of long-term health problems, we developed the S9 Incurve SCBA Firefighter System, with an absolute minimum of textile parts, making it less susceptible to contamination and much easier to clean. The ergonomic harness distributes the air cylinder's weight perfectly, while its regulator system delivers industryleading air flow rates along with the lowest breathing resistance of any NFPA approved SCBA.

The S9Incurve has all the features found in the revolutionary S9 with the added benefits of the health protecting materials used in the units manufacture.



The S9 and S9Incurve SCBAs Safety Systems have it all.

KEEPS YOU BREATHING.

Interspiro develops premium respiratory protection and equipment for diving, firefighting, emergency escape and rescue operations. We supply military, police, industries, shipping companies and rescue services all over the globe with standout products for extreme situations.



Incharge

A proactive telemetry system that allows an incident commander to make informed decisions for the safety of the firefighters. The incident commander can monitor individual firefighters with regards to cylinder pressure, remaining airtime, temperature and PASS status..

ALL SCBAs are available for LEASE or PURCHASE



CBRN BREATHING APPARATUS

The **ST54** was designed by and for **SWAT** and **DRUG ENFORCEMENT TEAMS**

ST54 - Enhanced Multi-Mission Tactical Operators SCBA

Avon's state-of-the-art ST54TM Tactical Operator SCBA has been developed specifically for the tactical officer and technician applications where the operator needs to respond to ever changing operational conditions.

The ST54[™] SCBA is the base to a multi-mission Respiratory Protection System which provides for operational flexibility to the operator and mission commanders in the field to tailor the PPE response based on the available intelligence. Depending on the threat or operational situation at the scene of an incident, the ST54 SCBA can be configured to provide the appropriate protection.

The ST54[™] SCBA combines Avon Protection Systems' FM53 and FM54 respirators with new and innovative modular breathing apparatus technology to provide positive pressure SCBA and/or PAPR capability. The ST54[™] system provides the operator with total flexibility to select the necessary level of protection quickly and efficiently without degradation of operational effectiveness. Designed with the tactical mission in mind, the system incorporates non-reflective black components and warning whistle, which can be silenced.



FM54

This Powered Air-Purifying Respirator (PAPR) has been designed to add even greater flexibility to Avon's revolutionary FM54 mask and is available as an optional extra with the ST54.

The addition of the CS PAPR provides the additional levels of serviceability and comfort associated with powered air while still retaining the ability to switch instantly to the positive pressure SCBA mode when required. The CS PAPR achieves this by utilising a Compact Demand Valve (CDV) fitted directly into the CS PAPR.

The CS PAPR is NIOSH certified with industrial protection under 42 CFR 84 with the FM54 and the combination cartridge, part number 033018, for protection against chlorobenzylidene malononitrile, chloroacetophenone, ammonia, chlorine, sulfur dioxide and particulates at a high efficiency level (CS/CN/AM/CL/SD/HE).

CRS15 – CBRN Response System



The CRS15 pack provides respiratory and touch protection from a broad range of CBRN, TIC threats and all current riot control gases, together with products for immediate self-decontamination.

The equipment is discreetly contained in a rucksack, allowing the user to rapidly respond to an incident or event and escape from the hazardous area.

In addition to respiratory protection, the standard CRS15 system provides skin protection and a means of safe decontamination. Close liaison with the customer ensures the exact CRS15 pack contents are tailored to meet individual requirements.

The CRS15 has not been developed to replace formal decontamination processes used by the first responder communities but to minimize individual risk prior to these services being available.

The CRS15 is suitable for the following users; First Responders, High Net Worth Individuals, Strategically Important Individuals, Security Teams, CP Escorts / Teams, Non Specialist First Response, Media, NGOs, Corporate & Embassy Staff.









CBRN BREATHING APPARATUS

Avon Protection is recognized as a world leader in respiratory and ballistic protection, delivering life critical solutions for Militaries and First Responders worldwide.

As an innovative capability provider, they understand the unique requirements of the modern warfighter and tactical operator. This depth of specialization and understanding has ensured products are designed to protect our users in the most extreme of environments.

They have been supplying protection solutions to the UK Ministry of Defense and other allies since the 1920's and are a primary supplier of integrated protective equipment to NATO, Canadian Armed Forces and the United States Department of Defense Army, Navy, Marines, Air Force and Special Operations Forces.



The **Avon C50** protective mask is based on the U.S. M50/JSGPM (Joint Services General Purpose Mask) and shares key technologies, providing maximum operational flexibility to counter multiple threat scenarios, including chemical, biological, nuclear and radiological (CBRN) agents, Toxic Industrial Chemicals (TICs), and Toxic Industrial Materials (TIMs)

Avon Protection Systems, introduces the **PC50 APR**, a field proven, military pedigree, NIOSH approved, non-CBRN respiratory device for use with the CTF50 Canister providing protection against CS/CN agents. The PC50 was specifically developed and designed for Correctional Officers, Riot Control, Border Patrol, Plant Security and other non-CBRN requirements.

Breathing Made Easier APR and PAPR

EZ-AIR



Avon EZAir^(R) is the newest generation of single filter airflow system, substantially smaller and lighter than traditional powered air units. Avon EZAir also provides the power source for all configurations of the AvonAir range. Five years of research and development have resulted in the first CBRN air-system that delivers the benefits of a traditional Powered Air Device in a compact more and integrated system.





CBRN Escape hoods

MP-PAPR

Avon Protection introduces a new generation of CBRN Powered Air Purifying Respirator, the **Avon MP-PAPR™** system.

departure А from traditional rigid plastic construction systems, the Avon MP-PAPR is the world's first flexible PAPR unit, constructed from the same field proven Chlorobutyl rubber, as used for the Avon 50 series masks range. The Avon **MP-PAPR**

module delivers a compact and easily integrated PAPR unit providing cooling, lower user burden and reduced pulmonary stress.

CS-PAPR

The Avon CS-PAPR[™] is the newest generation of CBRN Powered Air Purifying Respirator (PAPR) designed for use in Combination Unit Respirators.

The capability to change levels of protection dependent on the threat, now provides the wearer with increased duration on target and safer operation. Utilizing the Avon MP-PAPR module along with the patented combination hose module, the wearer can seamlessly switch between APR, PAPR and SCBA modes of protection. The single air hose connection for all modes allows the wearer to retain a clear mask cheeks for optimum weapon sighting.



The **AVON NH15™** CBRN Air Purifying Escape Respirator is the smallest and most compact escape hood on the market, approved to carry NIOSH and CE marking. Its low cost makes it ideal for police, emergency medical services and fire officers seeking immediate or emergency respiratory protection in a CBRN scenario.



The **AVON CH15[™]** Escape Hood is a revolutionary, ultra-thin, single size respiratory escape device that provides a minimum of 15 minutes of respiratory, vision and facial protection against Chemical, Biological, Radiological and Nuclear threats.



INDUSTRIAL SELF-CONTAINED **BREATHING APPARATUS**





Spiromatic 90USA is a simple but A close cooperation with firefighters effective breathing apparatus (SCBA) and experts in industrial and for environments. Spiromatic 90USA is feature when developing the QS II. built upon the proven and reliable The harness can easily be adjusted plug-in regulator system, delivering for different body sizes. The selected performance Interspiro at competitive price. The harness is front and the back. Thanks to the equipped with padded straps and easy-to-adjust waist belt can be made with the cylinder buckle. The apparatus has pressure gauge, low air warning apparatus from the fire engine. The and whistle optional extra The plug-in connection. regulator is durable and has proven connection. functionality with high flow capacity regulator is durable and has proven maintaining the safety pressure also functionality with high flow capacity at an extreme rate of breathing and maintaining the safety pressure also low cylinder pressures. The plug-in at an extreme rate of breathing and type design makes service and low cylinder pressures. repairs easy to perform with short down time



the field of maritime ergonomics has been a defining a size is clearly visible from both the shoulder practical design the size adjustment a mounted and without removing the air regulator unit has a pressure gauge, type warning whistle and optional airline plug-in The type



The Incurve USA is the latest Interspiro NIOSH SCBA. With a minimum of textile parts, the Incurve harness is easy to clean, robust and light weight - without compromising comfort. The shoulder straps and hip belt are made of non-textile parts to contamination decrease and designed to be body shaped for excellent ergonomics. The harness can easily be adjusted for different body sizes. The selected size is clearly visible from both the front and the back. Thanks to the design practical the size adjustment can be made with the cylinder mounted.

SUPPLIED AIR RESPIRATORS

When working in an IDLH atmosphere •NIOSH approved for (Immediately Dangerous to Life and Health) IDLH applications where it may be difficult to get into a confined •Available with a 5, 10 or space with an SCBA or where you need to be on 15 minute escape cylinder continuous supplied air - you must use a "Air Hatch or standard Supplied Air Respirator with escape If the demand valve masks supplied air fails, you can use the escape bottle •Quick connect for fast to provide air while you get to a safe place



cylinder exchange



The Spiroscape[™] – The easiest escape device on the market

Spiroscape is as fast as it's capable. With a unique ambient air valve that automatically opens when the cylinder is depleted it eliminates the risk of suffocation inside the hood. We focused on the details so you can focus on what is important - getting out of harms way. 10 minute air capacity.

ALL SCBAs are available for LEASE or PURCHASE



AUTOMATIC SCBA DECON WASHER



PROTECT YOUR FIRE FIGHTERS FROM CANCER CAUSING AGENTS

Developed to help firefighters fight cancer:

Studies show that firefighters run a significantly higher risk of being diagnosed with, and dying from, various forms of cancer than the general population. This is due to the hazardous chemicals and carcinogenic particles they are exposed to in the line of duty. To reduce this exposure and the resulting cancer risk, it is essential to thoroughly, safely and efficiently clean and decontaminate all protective equipment after every use. That is exactly what the Solo Rescue® Decon Washer does. Cleaning gear in the Solo Rescue means less exposure to cancer causing PAH particles and a safer work environment for you and your fellow firefighters.

Rather than try and re-purpose existing washing equipment, Rescue Intellitech worked with a number of Fire Departments across Europe to develop and manufacture a purpose-built machine to clean and sanitize SCBAs, boots, gloves and helmets. This resulted in a machine designed with a minimum of moving parts, minimal power requirements, lowest cost of ownership and the ability to clean more than just SCBAs.

IN ONE HOUR YOU CAN CLEAN/DECON: 14 SCBAs W/MASKS and CYLINDERS

Using a Solo Rescue[®] heavy duty SCBA washing machine helps avoid exposing the crew to combustion gases, soot particles, toxins and carcinogens released in the maintenance process and also substantially lowers the time spent decontaminating firefighter equipment.

HERE'S WHAT THE KANANASKIS FIRE DEPARTMENT HAS TO SAY ABOUT THEIR SOLO RESCUE DECON WASHER.....

"We were thoroughly impressed by the Machine's ease of operation, efficiency and performance. The contaminants that were removed from our SCBA's that had <u>previously</u> <u>been cleaned by hand was astonishing</u>. The Solo Rescue washer will be an integral part of our exposure reduction program, not only for its superior quality and efficiency of cleaning, but in the reduced exposure to contaminants throughout the cleaning process"

MEETS NFPA AND CSA STANDARDS

IN ONE HOUR YOU CAN ALSO CLEAN and DECON:

> 21 HELMETS
 or
 > 60 PAIRS OF
 GLOVES

- or
- > 30 PAIRS OF BOOTS

The Solo's unique washer/sprayer system provides 360° of coverage ensuring every part gets washed.



ProBlend[™] SCBA Protective Gear Decontamination Detergent Item # PB-SCBA

C

•A mild and low-foaming detergent specifically designed to remove soot and dangerous carcinogens from SCBA used by firefighters and first responders.

...



EASY TO USE



RIT/RIC RESCUE FOR FIRE FIGHTERS



The **RIT Drag Bag Rescue Pack** breathing apparatus uses clean dry air compressed in a cylinder in a carrying Drag Bag. The air is fed to a pressure regulator which reduces the cylinder air pressure to a secondary pressure of approximately 110 psi. The air is then supplied to a hose assembly with a "Y" connector. The "Y" connector can supply an SCBA or the Revitox rescue mask. The RIT Drag Bag Rescue Pack also includes a high pressure (4500 psi) hose assembly with a female RIC UAC. An audible warning device and the first stage regulator are located in a manifold at the handwheel connection or quick connection to the cylinder valve. Both the audible warning device and the regulator unit are separate components and therefore easily assembled or dismantled from the unit in order to permit fast exchange service if required.

RIT BAGS





L-3 Speed Rit Bag



Perfect for all RIT, F.A.S.T. and R.I.C. operations, the durable, impact-resistant 3D molded Heat-Shield[™] Polycarbonate skid plate effortlessly handles punishing training evolutions and real-life rescues that shred other bags. The wrap-around molded body and access-hatch design protect the facepiece and valve set while letting you reach them quickly.

True North's first RIT bag, the one that changed the expectation of what a RIT bag should be. **Updated with our new ultra tough Iron-Cloth™**. The T1 reflects True North's dedication to providing value by delivering innovative solutions at a fair price.

The T1's ruggedness combined with features such as the separated hose pockets, and rigid plastic shield to protect the valve set and face piece, have garnered critical praise from fire departments and RIT trainers alike.





Retractable Tag Line

RIT's Retractable Tag Line contains 20' of our 6MM Kevlar over polyester rope and is self retracting. Used in conjunction with our Group Search Kit, it allows a Firefighter to make his search quicker and more accurate. All group search kits can be customized by replacing the standard tag line with the retractable tag line.

Pouch is made of flame resistant Indura cotton

Personal Search Lines

Available in 35', 50' or 65' lengths complete with an auto locking rated carabiner in a fire resistant Indura bag. The bag can be put in bellows pocket or attached to the SCBA waist strap.

All search lines are made of Kevlar tubular webbing which has a tensile strength of 5,500 lbs. and a temperature rating of 862 degrees F. Kevlar tubular webbing is also available by the foot for custom lengths. Less bulky and considerably lighter than other search lines of the same length. Strong and durable. Washable.



Group Search Systems

RIT's Group Search Kit makes large area search and RIT team operations a safer task. The standard kit is set up for a four person team and provides a lifeline to the outside for each member. For searching a large area the optional marker system of knots and rings assists in performing a systematic search and prevents duplication of search areas. The knot and ring system assures team members of their location and exit direction. RIT operations are also supported with this system. While searching for one of our own we have a tendency to search harder and longer than normal. Each RIT team member is not only connected to the outside, but the system also leads secondary RIT teams to their location for assistance and/or supplies.



The primary purpose of this tool is to serve as a personal self-extrication rescue tool. The tool offers one-handed release and re-engagement and is designed to sit outside of a firefighters turn-out gear for fast easy access. The tool is extremely effective for low profile wall breaching and cutting all types of entanglement dangers within structural fires. It's military-grade cutting features cuts laminated safety glass fast when facing MVA extractions. Models for Fire, Law Enforcement and Divers.



TURNOUT GEAR



FireDex is a family-owned, global manufacturer of head-to-toe personal protective equipment (PPE) for first responders and an Independent Service Provider (ISP) of PPE care and maintenance. With a strong emphasis on health and safety and a mission "to serve those who serve", our dedicated team of associates have paved the path of innovation for head-to-toe products, offering turnout gear, rescue & wildland PPE, boots, hoods, gloves and helmets.





FXR turnouts are specifically designed to minimize firefighter stress and fatigue through Active Posture Design[™], allowing for full range of motion – especially while wearing your SCBA! Certified to NFPA 1971

TECGEN51



Easily power through 90% of your calls with this single-layer garment designed to require less cardiovascular energy than your structural gear. Dual-certified to give you the protection need, you our Fatigues TECGEN51 reduce heat stress, fatique, and the spread of harmful carcinogens.



FXM

Our **FXM** turnouts pair modern design features with functionality to prepare you for action. Comes in a standard, pre-configured spec or can be customized to your unique department needs. Certified to NFPA 1971.



Tackle the most rugged challenges of technical rescue and emergency medicine with our versatile USAR Gear! This garment can be worn for most non-fire calls while offering protection maximum against common chemicals and bloodborne pathogens. Certified to NFPA 1951 & 1999



FXC

FXC is the perfect choice for departments looking to purchase quality gear on а budget. This classic design is built with popular options and offered in two models: Standard and Deluxe. Certified to NFPA 1971.

EMS

Made for Emergency Medical professionals, our durable EMS gear is waterproof and bloodborne pathogenresistant to provide optimal protection from line-of-duty hazards. Certified to NFPA 1999



WILDFIRE

A lightweight and economical choice for serious protection during outdoor fire emergencies, our Wildland Gear delivers an array of features for secure tool placement needed in unpredictable environments. Available as a twopiece or coveralls. Certified to NFPA 1977.

FIREDEX also manufactures a full range of Fire Fighter accessories including boots, gloves, helmets and balaclavas shown elsewhere in this catalogue.









COMPETITION-PROVEN PERFORMANCE Commonly referred to as "the toughest two minutes in sports", the Firefighter Combat Challenge is the ultimate test of fit and functionality for turnout gear. It is also where Lakeland perfects current technology and strategizes for improvements to future turnout gear lines. New innovations like the Easy Grip [™] DRD or dynamic pleating are developed for more than just race gear. These features make their way into all levels of Lakeland turnout gear after proving their durability and quality on the Combat Challenge battlegrounds. See the latest competition-inspired advancements to Lakeland turnout gear!



Fire Dex LEATHER AND RUBBER FIRE BOOTS







Fire Dex

GET MORE FLEX WITH THE FDXL200

This boot will have you feeling light on your toes but strong on your feet with the flexibility that's reminiscent of your running shoes.

Our FDXL200 Red Leather Structural Firefighting Boot was thoughtfully designed with barrier protection to fight against hazardous liquid splashes and ribbing that limits ride-up and maintains a seal with any leg dam, including those containing particulate barriers.

Unlike traditional sewn-on straps, the FDXL200 is built with heavy-duty integrated handles that never break or pull off when donning your gear. The integrated handle design reduces bulk and never interferes when you're climbing, crawling, or lifting on the job. You'll never want to wear a different pair of boots again.

WHAT SETS THE FDXR100 RUBBER FIRE BOOTS APART?

Wish your rubber structural boots felt as comfortable as the leather ones? You're in luck! The FDXR100 Rubber Fire Boot fits more like a leather boot than any other type of open shaft boot. It's sleek design doesn't go unnoticed as the yellow toe cap, heel and top line keep visibility at it's height while the natural rubber materials help slow the progression of degradation from the sun and fluorescent lighting.



The Fire-Dex Rubber firefighting boot is a classic staple to firefighting PPE. Waterproof with thermal insulation and steel protection make this an ideal, economical choice for protective footwear. Certified to NFPA 1971.



Insulated and lightweight model features Kevlar®/Nomex® lining and is equipped with a shinguard for additional ladder-rung shin protection. Roomy steel toe provides extra comfort, and steel bottom plates and shanks offer unmatched impact/compression and puncture protection





Fire

GLOVES and BALACLAVAS

The **Dex-Pro's** three-dimensional design is paired with materials that make the fit feel so natural you'll wonder why you didn't switch sooner. With 60+ TPP and two layers of thermal lining that extend down the fingers, the Dex-Pro provides nearly 4 times the NFPA requirement for heat protection and is the highest level of heat protection of any current NFPA-certified glove.



Get maximum flexibility and dexterity right at your fingertips with our Dex-Pro Structural Firefighting Glove. Certified to NFPA 1971.

Majestic's firefighter hoods are NFPA 1971-2013, UL Certified. Our fire retardant hoods provide unparalleled comfort, protection, value and are MADE in the USA!





Digital textured kangaroo palm and fingers provide outstanding durability, grip and protection while remaining ultra-thin & highly protective





MFA 82 STRUCTURAL FIREFIGHTING GLOVE GAUNTLET







GORE®

PARTICULATE

HOOD GEN2

NOMEX BLEND

GORE PARTICULATE HOOD GEN2 ULTRA C6



NEW FIREDEX AUTO EXTRICATION GLOVES



MFA 83 STRUCTURAL FIREFIGHTING GLOVE KEVLAR WRISTLET



The X2 (NFPA 1971-2018 Edition)

The new flagship structural firefighting glove from Dragon Fire Gloves. This glove is in Compliance with UL's 2018 certification.

BBP RESCUE GLOVE-EMS

The BBP Rescue glove has a sewn in flame, cut, puncture, thermal and abrasion resistant liner. Integrated into our glove is our field proven, extreme duty vapor/BBP barrier.



The First Due Rescue glove has a sewn in flame, cut, puncture, thermal and abrasion resistant liner. Inside is a thinner layer of Kovenex, the same thermal layer we use in our famed Alpha X gloves. This provides a level of flash protection allowing you vital seconds to remove your hands from the dangerous environment.



Fire

H41 Interceptor with Nomex Nano Flex

The H41 Interceptor Hood boasts excellent situational awareness while reducing your exposure to potentially harmful fire ground carcinogens. Streamlined to reduce bulk, this extremely durable hood provides optimal comfort while maintaining breathability!

Available in two styles: Total Coverage and Zone Coverage (coming soon!). Certified to NFPA 1971.



Made with Stedair® PREVENT, the H41 Interceptor Hood is built for durability and blocks 99.9% of persistent fireground carcinogens, even after 100 washes. Certified to NFPA 1971.

Call us at (800) 265-0182 or email us at: info@cdnsafety.com for a quote or more information

Captain Jim Hood

you a loyal fan.

If you're concerned about thermal

protection, the Captain Jim Fire Hood is

an elite choice! With a long-standing

reputation for superior TPP and THL

performance, this hood is sure to make

Available as a classic knit FR hood or

with Stedair® REVENT particulate

blocking technology, which helps to

reduce exposure to persistent fire

ground carcinogens and can be bundled

within the Interceptor Package.





TURNOUT GEAR RACKS



GROVES Incorporated manufactures a full range of Bunker Gear racks, hose driers, hose racks and related equipment. The **Ready Rack** is a chrome plated medium weight rack which has been a mainstay in the Fire Service. Recently GROVES Introduced the **RED RACK** series which is a heavy duty powder coated steel product that has been very well received – in fact while it Is heavier and more expensive – it is more popular than the chrome rack.





HOSE DRIERS AND RACKS





HOSE DRIERS ARE AVAILABLE IN DRIER ONLY OR DRIER WITH ONE HOSE RACK ON THE BOTTOM.

ALL STEEL CONSTRUCTION WITH RED POWDER COATING.

UNITS SHIPPED DISASSEMBLED.



NEW MOBILE HOSE RACK





HOSE STORAGE RACKS ARE AVAILABLE IN TWO OR THREE TIER IN 72" AND 96" LENGTHS.



HOSE WINDER CAN BE MOUNTED TO STORAGE OR HOSE RACK



MOBILE TILTING LARGE HOSE WINDER TABLE



MOBILE TILTING HOSE WINDER TABLE Personal Protective Equipment Drying Stand











GROVES HOSE DRYING RACK WITH HEATED CABINET

SIMPLY LOAD THE RACK, ROLL IT INTO THE CABINET AND LET THE DRYING BEGIN



GEAR CLEANERS AND DRIERS



GROVES supplies NFPA compliant washing machines and Gear Driers for firefighter gear. We want to keep you and your department personnel safe from the dirt, debris, and chemical exposure from the front lines. Our commercial-quality laundry equipment removes carcinogens and other contaminants while also protecting the integrity of your turnout gear and hoses. You can benefit from the safety and efficiency of our specialized bunker gear cleaning tools.



EXTRACTOR 22

The Extractor 22 (EW 22) is a soft mounted turnout gear washer that is programmed to meet NFPA 1851 compliance, making firefighter PPE safer and last longer. Holds 20 lbs-4 pieces of gear.



EXTRACTOR 30

The Extractor 30 (EW30) features a soft mounted design and a high capacity drum that is programmed to be NFPA 1851 compliant, making firefighter PPE safer and Holds 30 lbs - 6 last longer. pieces of gear.



FIREHOUSE EXPRESS DRYER – 2 **GEAR**

The Firehouse Express Dryer - 2 Gear quickly drys two full sets of PPE after it has been cleaned. Having your turnout gear ready for the next call!



FIREHOUSE EXPRESS DRYER – 6 **GEAR**

The Firehouse Express Dryer – 6 Gear quickly drys six full sets of PPE after it has been cleaned. Having your turnout gear ready for the next call!



PROBLEND



Problend is a mild and low-foaming detergent specifically designed for the SOLO RESCUE SCBA decon machine to remove soot and dangerous carcinogens from SCBA used by firefighters and first responders. Available In 2,5 gallon PB0010967AA jugs.

Decon Ready[™] Skin Cleanser

Decon Ready[™] Skin Cleanser is a foaming soap designed to help firefighters safely lift toxins away from their skin after the job or handling dirty gear.



laundry detergent made remove dirt, oil, soot, grease, and other hydrocarbon contaminants from Turnout Gear & PPE

Decon Ready[™] PPE & Multi-Surface Cleaner

Decon Ready™ PPE & Multi-Surface Cleaner removes hydrocarbons, soot, grease, oil, cancer causing metal oxides, plastics, chemicals and other toxins.



RESPONDER

WIPES Responder Wipes are specifically designed to help remove carcinogens and contaminants from the skin.





BREATHING AIR FILL SYSTEMS

Jordair has packaged and delivered more than 5000 compressor systems to Canadian and worldwide customers. As a wholly Canadian owned and operated company Jordair offers products assembled to Canadian and International standards. Jordair offers complete customer training to assist them in the operation, maintenance and service of their Jordair/JMAR/Bauer products.

The list of Jordair customers includes the Canadian Military, Department of Fisheries, Fire Departments, Oil and Gas Producers, Oil Production Platforms and the Petro-Chemical Industry. A detailed client list is available for all areas in Canada on request

Jordair Compressors Inc. is a fully CSA certified facility. The complete compressor system including the block, controls, and the filter system are certified to the latest CSA Breathing Air Standard CAN3-Z180.1-13. The CSA certification number for Jordair is LR77799.





JORDA

BAUER COMPRESSOR BLOCK FEATURES I High velocity, full flow cooling fan assembly that produces high velocity airflow over the coolers, pressure cylinders and crankcase to cool the compressed air and lubricating oil. Drive gear designed for an operating life of up to 30,000 hours. Stainless steel inter-coolers and after-coolers for high efficiency cooling and corrosion free operation. Cylinders are hardened through a plasma-nitrate process for up to 10,000 hours of operating life and low wear with excellent lubricating oil retention. Redesigned rings for the HP piston are synthetic material for low wear and a long operating life with very little oil carry over. Single-piece crankcase made of a high strength aluminum alloy for higher stability, larger oil capacity, and low vibration. Full flow oil system with a crankshaft-driven gear pump and full flow oil filter. Visual oil level indicator is designed show the accurate oil level. Reed valve on the first stage which offers higher efficiency and redesigned intake filter reduces intake valve noise. Final stage oil cooled cylinder and cylinder-head for lower air discharge temperature. Bauer compressor blocks provide the highest level of reliability and virtually no oil carryover into the compressed air stream. This ensures perfect filtration with original Bauer filter cartridges and the longest cartridge life

2021 AIR-KAT™ SERIES COMPRESSOR SYSTEMS

Features a 5-year System and 10-year Block Warranty Jordair QC Program
ISO 9001:2015 Cert. FM664273
CSA Cert. No. LR77799
CRN Pressure Components
B&PV Licence MA-2007 System Features:
Balanced Design
Low Noise
35 Year Filter Chambers
Extended Cartridge Life Block Features:
Low Oil Consumption
Oil Filter Cartridge
High Tech HP Piston
Heavy Duty Crank



FIRE HELMETS

ABOUT PACIFIC HELMETS

PACIFIC

Founded in 1982 to manufacture motorcycle helmets for the Australasian market, Pacific Helmets NZ Ltd have since expanded their range of products to include fire, rescue, sports, and ATV helmets.

With over 36 years' experience in the design and manufacture of premium safety helmets, Pacific Helmets specializes in manufacturing and exporting safety helmet products to the exacting design and performance specifications of each customer. Pacific Helmets strives to meet, where possible set, and exceed the highest possible international standards for technical safety performance. The Pacific range includes helmets compliant to all major standards throughout the world.

Flexible manufacturing processes and innovative design flair result in products which have created new dimensions in helmet safety. Pacific Helmets NZ Ltd has an ongoing commitment to the development of new and innovative helmet products and an unwavering focus on safety, quality and comfort.

F11

DRAGONFLY

3/4 Jet Style Structural Firefighting Helmet

The Pacific F11 offers a fresh take on structural fire helmet design. The F11 has been designed to maximize protection and practicality for the diverse range of duties modern Emergency Service personnel are called on to perform. Certified to AS/NZS4067:2012, NFPA 1971:2018 & NFPA 1951:2020, and EN443:2008 the F11 is a compact helmet ideal not only for structural firefighting but also for road crash rescue and confined space work. The compact design of the F11 makes it a truly multipurpose structural firefighting helmet.

The F11 features the DuPont™ Kevlar® and fibreglass reinforced composite shell, and full cranium protective polyurethane foam liner. That not only gives excellent impact and penetration protection but also deceleration impact and side impact protection that the AS/NZS4067:2012 standard requires.

As a complete safety platform the F11 offers boom microphone and speaker compatibility, an individualized fit, and a full range of face and hearing protection. Available with a 3 or 4-point chin strap the F11 features Pacific's next generation headband with pivoting nape for enhanced comfort and secure fit to all head shapes and sizes. The face and hearing protection options include a full external face shield that is available in the customer's preference of either a fixed hinge or clip-on hinge option, a unique "One Touch" automatically deployed internal eye protector, and clip-on hearing protection.



F6

Modern Style Structural Firefighting Helmet The F6 is certified to NFPA 1971 and AS/NZS 4067. Made with a Fibretuff shell, the F6 can be fitted with a One Touch Eye Protector™ (OTEP) and/or an External Face Shield. Additionally it comes with a 2 point chinstrap with Postman's buckle to allow quick adjustment, and an optional Easi On-Off Base for mounting a UK3AA LED flashlight



R3V4 KIWI

The R3v4 Kiwi has a well proven pedigree as the goto helmet for many USAR teams across the Canada. The R3v4 features a fiberglass shell reinforced with DuPont[™] Kevlar® and full cranium impact liner, essentially making it a compact version of a full structural firefighting helmet. It offers the ultimate level of safety in all possible situations. The R3v4 is also available, with some additional features, dual certified to NFPA 1971 and NFPA 1951.

F15

Jet Style Structural Firefighting Helmet

The Pacific F15 Structural Fire Helmet from Pacific Helmets NZ Ltd combines the heritage and proven safety of Pacific's unique DuPont™ Kevlar® and Fiberglass reinforced composite shell technology with an advanced polymer chassis to revolutionize your firefighting experience.

The F15 incorporates Pacific's latest innovative designs such as the dual pivot face shield. Using an elliptic dual pivot system, the F15's new full coverage internal face shield can be fully deployed when in use with a breathing apparatus to provide you with an extra layer of safety. The F15 also comes with the One Touch Eye Protector (OTEP)™ for easy, push-activated eye protection at times when full face coverage is not required.

The composite shell provides excellent impact and penetration protection and is lightweight and resistant to chemical, UV, heat, and flame. Pacific shells have a proven service life of 15+ years' with proper care and maintenance. The unique chassis provides a platform for accessories and tech integration.

The F15 has an optimized center of gravity, giving it stability and making it feel lighter to wear. Combined with 5 specially designed points of impact attenuation, the result is a helmet that reduces neck and spine fatigue and provides greater protection against falls and impacts.

F18

Traditional Style Structural Firefighting Helmet

The Pacific F18 is the latest addition to the Pacific Range, a traditional style structural firefighting helmet with a modern interior. The F18 combines the latest interior designs from Pacific helmets with popular features from the traditional style, all combined into a lightweight package. Pacific's Generation 2 Liner is fitted to the F18 which optimizes the feel of the helmet on your head. It comes with a 2 point chinstrap with Postman's buckle to allow quick adjustment, and can be fitted with a leather front shield and holder. The most comfortable and lightest Traditional helmet on the market.





R6V DOMINATOR

Lightweight Multi-Purpose Helmet

If you're looking for a lightweight vented helmet, choose the R6V Dominator. The Dominator features our Dynamic Sealed Ventilation System (DSVS™) which is water tight when closed. The Dominator can carry multiple accessories to create a helmet to your requirements and is suitable for mountaineering, USAR, paramedic, rescue, and industrial uses.

EXCELLENT for fire investigators, pumper operators and the like. Made from lightweight and strong Kevlar fiberglass composites. The R6V is extremely comfortable and can be worn for long periods of time without the neck stress associated with Structural Fire Helmets.

F15





EMS HELMETS



PACIFIC helmets are manufactured in New Zealand and are the world leader in Helmets for Fire, HUSAR/USAR, EMS, Water and Ice Water rescue. Most PACIFIC helmets are manufactured from a Kevlar and Fiberglass composite and carry a six year warranty.



R6V Paramedic Vented Helmet with optional external detachable face shield and optional internal dropdown Eye Protector.



The **R6C** (shown to the left– Region of Peel) is the most popular Paramedic Helmet Pacific makes. All Pacific Paramedic helmets can be customized with reflective lettering, flashlight clips and holders, clip on ear protectors, custom logos to name a few. They are available in a wide selection of colours.

RESCUE HELMETS



R6V DOMINATOR

Lightweight Multi-Purpose Vented Helmet If you're looking for a lightweight vented helmet, choose the R6V *Dominator*. The *Dominator* features Pacific's Dynamic Sealed Ventilation System (DSVS[™]) which is water tight when closed. The *Dominator* can carry multiple accessories to create a helmet to your requirements and is suitable for mountaineering, USAR, paramedic, rescue, and industrial uses.

EXCELLENT for fire investigators, pumper operators and the like. Made from lightweight and strong Kevlar fiberglass composites. The R6V is extremely comfortable and can be worn for long periods of time without the neck stress associated with Structural Fire Helmets.



R3V4 KIWI

The R3v4 *Kiwi* has a well proven pedigree as the go-to helmet for many USAR teams across Canada. The R3v4 features a fiberglass shell reinforced with DuPont[™] Kevlar® and full cranium impact liner, essentially making it a compact version of a full structural firefighting helmet. It offers the ultimate level of safety in all possible situations. The R3v4 is also available with some additional features, dual certified to NFPA 1971 and NFPA 1951.



The Team Wendy[®] SAR is the first purpose-built search and rescue helmet to provide accessory mounting capabilities while meeting key industrial and mountaineering performance standards. The Team Wendy[®] SAR Backcountry[™] features a glass-reinforced polycarbonate shroud that is designed to handle lights and cameras. The helmet also includes a sport-style under the chin retention system with a Fidlock[®] magnetic buckle for easy one-handed operation and a BOA[®] Fit System to dial in precise fit adjustment while providing single-handed quick release. The Team Wendy[®] SAR comes standard with two vent covers to prevent objects and debris from entering the crown vents of the helmet.



FIRE HELMETS

Fire-Dex believes that firefighters must have headgear which offers maximum protection in the most critical situations, and is comfortable to wear. Features such as a padded calfskin nape and headband, a unique throat strap and fully adjustable ride make the Chieftain helmets extremely comfortable to wear.

MODERN



Standard Features

Ear/Neck cover of black NOMEX® lined with FR Cotton 3M Scotchlite Solid Lime Yellow Tetrahedrons Trim Knit sweatband and nape

Deluxe Features

Ear/Neck cover of black NOMEX®/KEVLAR® lined with FR Cotton 3M Triple Trim Chevrons Leather sweatband and nape

Eye Protection

4" Visor 6" Visor Goggles



TRADITIONAL

Standard Features Ear/Neck cover of black NOMEX® lined with FR Cotton 3M Scotchlite Solid Lime Yellow Tetrahedrons

Trim, Knit sweatband and nape

Deluxe Features Ear/Neck cover of black NOMEX®/KEVLAR® lined with FR Cotton 3M Triple Trim Chevrons Leather sweatband and nape

Eye Protection 4" Visor Goggles Bourkes (flip-downs) & Goggles



LAW ENFORCEMENT BALLISTIC HELMETS 📉 🍽



Avon Protection/TEAM WENDY are recognized as world leadersr in ballistic protection, delivering life critical solutions for Militaries and First Responders worldwide. As an innovative capability provider, we understand the unique requirements of the modern warfighter and tactical operator. This depth of specialization and understanding has ensured products are designed to protect our users in the most extreme of environments. We have been supplying protection solutions to the UK Ministry of Defense and other allies since the 1920's and are a primary supplier of integrated protective equipment to

NATO and the United States Department of Defense Army, Navy, Marines, Air Force and Special Operations Forces.

Our solutions are at the frontline of numerous national defense and tactical deployment strategies. Leveraging our Military pedigree, we have brought the First Responder market field proven protection solutions that meet the complex needs of the tactical operator. Evolving protection capability to meet the operational needs of the tactical operator has meant Avon Protection are the market leader among Law Enforcement and SWAT users around the world.



The **L110** Ballistic Helmet provides protection in high threat environments against certain rifle threats, blast and blunt impacts. It provides the maximum protection to accomplish any mission in confidence. Protects against rifle projectiles at the same weight as the ACH helmet.



The **EXFIL® Ballistic SL** Helmet features a new lightweight composite shell providing a 15% weight reduction over the original EXFIL® Ballistic while maintaining the same unique EXFIL® shell geometry.



The **EXFIL® Ballistic** Helmet features a hybrid composite shell for increased strength with a unique geometry for optimal fit. It offers complete stability and customized fit with a boltless CAM FIT[™] retention and maximum impact protection with a Zorbium® foam liner.



The EXFIL® LTP (Lightweight, Tactical, Polymer) bump helmet provides impact protection for maritime environments and a stable, comfortable platform for mounting night vision and other accessories.

The F90 ballistic helmet features the

perfect combination of performance and

weight at an economical price. The F90

shell is constructed of 100 % ultra-high-

(UHMWPE) ballistic material that is > 15

% lighter than the advanced combat helmet (ACH). To create exceptional

performance Avon Protection utilizes a proprietary helmet molding technology

that produces one of the highest 17 gr

V50 ballistics testing results on the

market.

molecular-weight polyethelene



The **EXFIL® Carbon** bump helmet shell is made of high-strength, lightweight carbon fiber. The helmet features a Wilcox® W shroud, a CAM FIT™ Retention System and a Zorbium® foam liner for optimal fit and stability.

NEXT GENERATION BALLISTIC HELMET LINE FOR LAW ENFORCEMENT



COMING SOON! INTRODUCING THE NEW SERIES OF POLICE BALLISTIC HELMETS FROM TEAM WENDY® FOR PATROL, MOBILE FIELD FORCE AND SPECIALIST OPERATORS









MUNICIPAL & INDUSTRIAL FIRE HOSE

When the call comes in, BullDog is ready to respond. Canadian and American fire departments of all sizes rely on our durable American-made fire hoses for top-tier firefighting performance. Dig deeper into our lineup of attack line, supply line, and general fire hose to learn how we have designed the best firefighting hose on the





FORESTRY



Reliability you can count on when faced with forest fires. Bushmaster™ is a lightweight polyester jacket, polyurethane lined forestry fire hose that adheres to the USDA-US Forest Service Specification 5100-187. It is a Lightweight hose that is easy to maneuver and also features an extra smooth outer jacket for easy dragging.





interior attack fire hose built with performance, flexibility, and endurance in mind. The hose is constructed to ensure reliability with its special abrasion-resistant outer jacket.



Fireguard[™] is our premium lay-flat fire hose that takes average attack lines to the next level. Its unique design gives combat firefighters the flexibility and performance to face the toughest challenges.

Firepower II[™] is a double-jacket lay-

flat attack fire hose made with a hightech nylon-polyester outer jacket;

providing the durability and flow that

make it an invaluable firefighting tool.



BullDog Single Jacket™ is a high-quality industrial hose with a flexible rubber lining. Its adaptable design helps it excel in interior and exterior fire protection or general maintenance use.

Hi-Vol is a premium largediameter supply hose that offers superior performance with the ability to deliver more water at a lower cost. This fire hose offers high resistance to heat, oils, chemicals, UV and ozone. It is available in 3, 4, 5 and 6-inch diameter supply lines.



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HOSE WASHERS





WASHES **UP TO 5**" HOSE

FLOW METER

Fire Research Corporation is a manufacturer of state-of-the-art equipment specifically designed for the fire, rescue, and emergency services. Their products include on scene lighting, apparatus controls, instruments, displays, and accessories.

Very effective in cleaning all types of dirty and caked hoses. Simply connect to a fire hydrant or pumper with recommended operating psi of 40 to 60. Also can be used for decontamination clean up.

Made of lightweight aluminum. The 39700 comes with 1.5" NST hose fitting standard, and the 39800 comes with 2.5" NST standard. Other threads available by request.





MODEL 1500SS

MODEL 2000SS HT 100 - Portable Hose **Tester /Pressure Washer**





Ultima™ is designed to guarantee minimum weight, maximum durability, and a powerful flow when fighting fires. This layflat hose is lined with a high-tech EPDM tube and covered in a durable doubleiacket.



FIRE

HOSE

V SWING

HOSE REEL

COVER



large variety of products serving the municipal fire markets. When water is needed for a fire, Dixon Fire supplies all products required to extinguish the fire. Our detailed line of threaded fittings, storz adapters, elbows, hose, valve hardware and nozzles connect Dixon Fire starting from the fire hydrant to the pumper and connecting discharge attack lines the fire scene. to Our rural fire market is also supplied with top quality Strainers, Dry Fire Hydrants and **Flexible PVC Suction Hose.**

Dixon Fire manufactures and distributes a



Aluminum 2-Way Ball Valve Female Swivel Inlet

HOSE REELS

Call us at (800) 265-0182 or email us at: info@cdnsafety.com for a quote or more information

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NOZZLES



POK IS A WORLD LEADER IN THE DESIGN AND MANUFACTURE OF FIRE FIGHTING SYSTEMS. THEY OFFER THE WIDEST RANGE OF PRODUCTS AVAILABLE FROM THE LEAST EXPENSIVE AUTOMATIC GALLONAGE NOZZLE (THE FLASH) THROUGH TO THEIR UNIGUE AND INDUSTRY LEADING FOAM SYSTEMS.





FIRE PUMPS



C.E.T Fire Pumps Mfg has been manufacturing reliable, high quality portable fire pumps in Canada for over 80 years ! The origin of C.E.T Fire Pumps Mfg dates back to 1908.

Presently C.E.T. offers a complete line of portable fire pumps with over 20 standard models to choose form including gas and diesel engines, skid mounted, trailer mounted, floating and more !

Additionally, C.E.T. offers custom manufacturing to meet your specialized requirements. C.E.T. currently produces over 1500 pumps annually form its Canadian and U.S.A manufacturing facilities, serving both domestic and international markets.





FIRE EDUCTOR

5" TurboDraft Unit

Schutte & Koerting's TurboDraft[™] Fire Eductor provides fire departments with a dependable

solution to access static water sources that are not readily accessible using conventional drafting techniques.

Utilizing eductor technology and water pressure from the supply engine/pumper, the TurboDraft[™] Fire Eductor allows companies to tap into static sources such as lakes, ponds, streams, and swimming pools up to 250' away from the apparatus. Quick and easy to set up, the TurboDraft[™] can be deployed in a matter of minutes, using standard 2 1/2" hose line and 5" LDH, to generate usable flows up to 670 GPM.

The TurboDraft[™] Fire Eductor has been recognized by insurance agencies as an alternate water supply device. Water sources accessed using the TurboDraft[™] have been given credit under the FSRS (Fire Suppression Rating Schedule) provided that other criteria such as accessibility and drought conditions have been met.





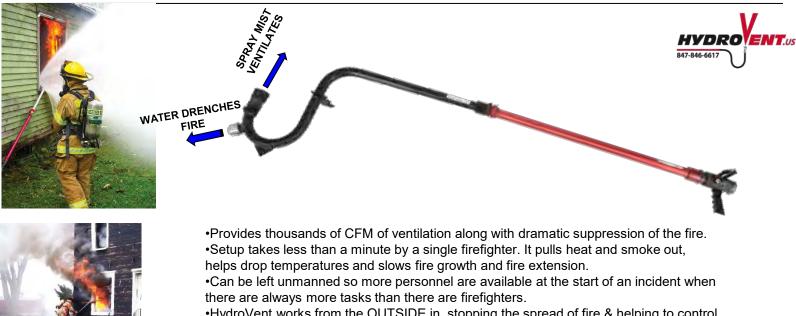




Schutte & Koerting

TurboDraft

The TurboDraft[™] Fire Eductor has been recognized by insurance agencies as an alternate water supply device. Water sources accessed using the TurboDraft[™] have been given credit under the FSRS (Fire Suppression Rating Schedule) provided that other criteria such as accessibility and drought conditions have been met.



•HydroVent works from the OUTSIDE in, stopping the spread of fire & helping to control the flow path.



FIRE PUMPS

HPW300 - Transportable pump with wraparound frame - configured for full portable applications. Built in exhaust priming system. Rotating discharge valve for quick and easy hose layout. The pumping unit is mounted on a steel skid base. The pump is equipped with an easy to carry wraparound frame.

HPX300 - Maxstream pump without base tank -

configured for easy installation by truck builders. Built in exhaust priming system. Rotating discharge valve for quick and easy hose layout. The pumping unit is mounted on a steel skid base. The pumping unit is attached to a steel skid base plate that can easily be mounted into any vehicle. The rail base includes all required hardware and vibration isolators. A remote instrument panel with mounted single discharge gauge and engine controls is included as standard.





FYR FLOTE

The Fyr Flote is a lightweight, portable centrifugal pump mounted on an uunsinkable, high-strength polyethylene float with dual carrying handles and a splash suppression collar. A high-volume model (20FV-C8) and a high-pressure model (20FP-C8) meet most every pump need — in as little as four inches of water. Weighing just 49 pounds, the Fyr Flote stores easily in most truck compartments. It includes an automatic recoil starter, a spark arresting muffler, and an engine overspeed control switch.

This is just a fraction of the pumps manufactured by HALE. Call us for a catalog.



The new **Super Crief** has a unique design specially engineered for the fire service. The pump and engine assembly detach easily from the float. The float folds in half for convenient storage in most apparatus compartments.

The Super Chief is the pump to count on when you cannot count on hydrants. It is easily used with alternative water sources such as streams, lakes, ponds, or pools. The Super Chief requires only three inches of water to draft.

The Super Chief delivers a flow of 420 GPM (1590 LPM) with one discharge port or a maximum pressure of 50 PSIG. The Super Chief can also throw a stream of water more than 90 feet for direct firefighting capabilities.

Float assembly folds in half for easy storage in truck compartments, engine and pump assembly quickly detaches from float.

The entire lightweight package easily transports and allows carriage by two people.

Pump output exceeds 420 GPM/1590 LPM Ideal for drafting from ponds, streams, lakes or pools. The unit operates in only three inches of water



FIRE SUPPRESSION GRENADE



The X-Tinguish® X-Treme throwable fire suppression tool is an updated version of our X-Tinguish® FST. Our products are located within thousands of fire departments, commercial establishments, and industrial locations worldwide. They just make sense for every industry on land and sea. The X-Tinguish® X-Treme can remove about 1,000F from an enclosure (up to 5,300Cu.Ft.) in 60 seconds while eliminating flames and making the room safer for the first responder. The unit can be deployed by the first on-scene when a hose team is still in-transit. The units ability to knock down and hold a fire until the hose team arrives is paramount to its creation. The X-Tinguish® X-treme is a Tool for every Toolbox. Innovation in Fire Suppression has been our motto since 2012.



WILDLAND FIRE FIGHTING

The volatile and dangerous conditions of a fire scene can be extremely demanding on fire fighting equipment. With that in mind, the designers at **Scotty FIREFIGHTER** have created equipment that will stand up to virtually anything the fire scene can present. We have produced equipment made from materials that are light weight, will not corrode and requires little very maintenance, perfectly suited for the today's harsh fire environments. Scotty FIREFIGHTER has recognized the need to provide effective and affordably priced equipment to firefighters. Scotty has also focused on the urgent need to make available to rural areas an effective way of combating fire when out of reach of the timely arrival of professional fire fighting services. These needs in particular, have given Scotty FIREFIGHTER the direction in developing their product line.





Wildland warriors have been depending on Smith Indian fire pumps on the fire line for over 80 years. Designed to help firefighters battle forest, brush, and rubbish fires, the performance of these pumps is legendary. Our Indian fire pumps offer 100% brass wands and nozzle. The dual nozzle changes quickly from stream to spray without the need for tools.

The shoulder harness offers the best in comfort with a center cinch to distribute weight comfortably and the military spec shoulder straps will not rot or mildew while in service. All Smith Indian fire pump tanks are proudly MADE in the USA and approved by the U.S. Forestry Service.





NOT FOR DRINKING





INDIAN SMOKECHASER™ PRO 5-GALLON WITH FP100 FIRE PUMP, MODEL 190514

•5 Gallon ballistic nylon bag with heavy duty, load sensitive internal liner

•Ergonomically designed "wedge" shape with heavily padded closed cell straps to reduce fatigue and resist moisture retention •Quick disconnect coupled with USFS approved Fedco Brass pump (#175764)

•Dual top handles allow for easy balance and secure field filling •Military grade laser cut MOLLE system gives the ability to secure common tools and equipment

NOT SHIELD USA

WILDFIRE MASKS



We are firefighters who invented the Hot Shield mask back in 1993 after the California Firestorms made us re-think our PPE. We saw the damage done to several local firefighters who were overrun, suffering severe burns to their faces. So right then we made it our mission to create a legit wildfire face mask that could stand up to the flames of a blowtorch.

We've sold thousands of Hot Shields, of all different models & the Hot Shield is still the best protection you can get for wildland firefighting. Check out the different models above to see which one is right for you. Then read our data sheets. If you still have a question give us a call or shoot us an email and we will help answer your questions regarding our masks and the entire issue of wildland face & respiratory protection. We stand behind our masks 100%.



The Ultimate Bandanna from Hot Shield USA is a nearly 100% fire-proof, twin layer, face mask designed by firefighters for wildland firefighting. Made of CarbonX fabric, the only inherently non-flammable fabric in the world. CarbonX fabrics used are third party tested to achieve a RPP rating of 11 cal/cm and a TPP rating of 10 cal/cm. This mask fastens behind neck and can hang below the face until ready to deploy. Can be laundered or washed by hand. Integral nose pinch bar for performance & comfort. Light, small and easily donned. Easy breathing. Not designed for use with a filter. One size fits all. One year warranty.



The Hot Shield Model HS-4 Respirator and Face Protector Housing is designed to house and protect the Sundstrom brand respirator, model SR-100. This Hot Shield housing does more than that...it protects your face and neck just like our popular HS-2 model! The HS-4 is constructed of CarbonX materials, the only inherently nonflammable and most thermally resistant fabric in the world today.

The HS-4 combined with the Sundstrom SR-100 Half Face Respirator has been designed for any and all workers who desire heat & flame protection for their face & neck yet must wear a fit test capable silicone half face respirator. Outside of a positive pressure breathing apparatus, this is a very comfortable and highly protective alternative!



The Hot Shield Model HS-2 Wildland Firefighter Face Mask is a patented (U.S. Patents 5,628,308 and 5,823,188) highly flame resistant face protector designed by firefighters for use in all wildland firefighting operations. The HS-2 offers the extreme protection against burns to the face/neck with the added benefit of blocking and reducing the inhalation of smoke & ash particulate. Multiple layers of patented CarbonX help maintain the crucial airspace firefighters want and human skin needs to survive extreme temperatures. The soft comfortable inside liners (also CarbonX) absorb perspiration, adding to user comfort.

Twin layers of CarbonX mesh at the center ventilation orifice allow for easy air exchange and help prevent buildup of CO2. The patented, user-friendly design allows the firefighter to insert an activated carbon disposable particulate filter with exhalation valve.

The HS-2 weighs just 5.8 oz. / 162.4 grams, incorporates reflective trim for nighttime visibility. Each HS-2 is packaged with one (1) N-95 activated carbon filter for USA sales (some foreign countries prohibit import of N-95 filters). Actual packaging carton verbiage may differ. This is the most widely sold and most popular Hot Shield mask and the model we invented for ourselves back in 1993 after the California Fire Storms.



WEB CASE

The ergonomically correct carry pouch for your Hot Shield HS-2, UB-V2 or HS-5.

Features: Webbing straps on backside have snaps for easy removal from your pack harness straps or belt.

Advantages: Accommodates both your face mask and goggles, keeping both clean & ready for immediate use, similar in manner to a breathing apparatus face mask pouch that may be sewn to turnout/bunker coat at chest high level (see photos).

Size: 8.5" wide x 10.5" long. Oval shape, slightly narrower at the top (6.5"). About .5" thick when empty and flattened, expands to over 5".



ACOLORFUL SOLUTION. BREATHING AIR CYLINDER ACCESSORIES







Fire departments have tested the **THREAD SAVER**®, to see if using them would lessen the damage to their valve threads. Their results indicated less damage to valves when our THREAD SAVER® was used. The suggested retail price of a standard valve is approximately \$350.00. Your valve investment can be protected for about 1% of its value, that's cheap insurance!

You can buy THREAD SAVER® in bright yellow, blaze orange and glow in the dark models. The glow model, when excited by a light source, will continue to glow for about thirty minutes. Some firefighters prefer them because they help track their partner by his SCBA.

3-D Polymers

SCBA CYLINDER PROTECTIVE SLEEVES

WALKAWAY SCBA BRACKETS



HREAD

3-D Polymers manufactures a variety of polyvinylchloride sleeves for SCBA cylinders. These sleeves slip over the body of the cylinder and provide protection from scrapes and abrasions.

Rather than damaging the shell of the cylinder it is cheaper to destroy and replace the sleeve. Sleeves can be removed and reinstalled after hydrostatic testing.











ULLH LOAD AND LOCK WALKAWAY BRACKET. COMPLIES WITH NFPA



ULLH-EZO LOAD AND LOCK WALKAWAY BRACKET WITH EJECTOR SPRING. ONE SIZE FITS ALL COMPLIES WITH NFPA



ULLH-EZ LOAD AND LOCK WALKAWAY BRACKET WITH EJECTOR SPRING. COMPLIES WITH NFPA





PLASTIC CYLINDER STORAGE SYSTEM







FOLDING HARD CART WITH WIRE CYLINDER BASKET





COLLAPSIBLE WIRE CYLINDER CARRIERS







MOBILE CYLINDER CARDS

MOBILE OXYGEN BOTTLE CARTS



PORTABLE CAF SYSTEMS



The Macaw and Merlin provide versatile power in the world's first totally independent Compressed Air Foam (CAF) systems. More powerful than standard extinguishers, these multi-purpose units can be used for fire suppression, exposure protection, hazardous materials cleanup as well as decontamination. The award-winning Macaw and Merlin harness the strength of stored air energy in a comfortable backpack design. Ease of operation combines with rugged construction to create a portable CAF system that is reliable and ready for instant response in the most demanding situations.

The Macaw multiplies the five gallons (18.9L) of carried water into as much as 1325 L (Merlin carries 57 L = 3990 L) of finished foam through the unique Enviroshield expansion technology. They can shoot a stream of foam up to 40 feet (12.2m) enabling the user to maintain a safe distance from smoke, flame, heat. And contamination Developed for emergency response professionals, the Macaw and Merlin have been deployed by military, fire professionals, hazmat teams and civilians alike. **Macaw and Merlin, the ultimate in CAF portability and performance**.











HAZMAT DECON

The Macaw and Merlin portable Compressed Air Foam Decon Systems were used extensively in Washington D.C. during the clean up after the Anthrax contamination at the Congress and the U.S. Post Office.

We have available the Easy Decon 200 Decontamination foam developed by Sandia Labs and used extensively by the U.S. Army.

This foam is effective against blood born pathogens, Anthrax, Sarin gas and a long list of contaminants. EF-200 is biodegradable, non-carcinogenic, non toxic and non-corrosive. After use it is simply washed away.

WILDFIRE FIRE SUPPRESSION CAF SYSTEMS **SINTELAGARD**

SWIFT CAF - ATV

The SwiftCAF ATV System is a small to medium scale, vehicular transportable and highly versatile Compressed Air Foam system designed for mounting onto a variety of platforms including ATVs, trucks, trailers and similar portable devices. The SwiftCAF ATV System is ideal for most portable applications due to its lightweight, minimum space requirement and self-contained energy source. The SwiftCAF ATV System is perfectly suited for rapid incident attack or response, especially for use in restricted access emergency situations and cross country, off-road and rugged terrain situations.



SWIFTRUNNER In an emergency situation, whether urban or rural, access for critical response equipment is often limited. Now you can turn your Utility Terrain Vehicle into a powerful, highly mobile fire fighting tool with the Intelagard SwiftRunner.

The compact, durable, corrosion resistant polypropylene tank and skid makes this system an easy slip-in unit for a wide range of UTVs. When needed, the SwiftRunner may also be used for decontamination and HAZMAT response operations. Fifty and 100-gallon solution tank sizes are standard and split tank configurations are available for deployment of multi-part formulations.

The SwiftRunner is easy-to-use and requires minimal training for safe and effective operation. Two light weight air cylinders allow the 50-gallon solution tank to be emptied two times before additional air is needed. The internally baffled tank decreases fluid shifting for optimal vehicle stability on uneven terrain. The rugged air powered pump is capable of operating with saltwater and gray water and can pass sand and grit up to a quarter inch.

The optional remote controlled monitor and terrain spray-bar provide additional versatility for a wide range of operations. Emergency lighting packages are also available. The SwiftRunner is ready to respond as a fire fighting tool or decontamination unit. Maximize your resources in one easy-to-use unit.



Pump: 35 gpm rated fluid flow, nominal 690 gpm expanded foam application rate Tank: welded polypropylene, internally baffled, 50 and 100 gallon capacity Air cylinder: (2) 140 Cubic foot composite cylinders, 3,500 PSI operating pressure Throw distance: Up to 75 feet with compressed air foam (CAF) Foam expansion: 1:1 (liquid) to 30:1 CAF expansion, can also use air aspirating nozzles such as medium expansion nozzles at up to 70:1 Fire hose: 1" x 100' booster hose on manual rewind reel standard, electric and pneumatic rewind reels and flat lay hoses optional Foam proportioning: 0% - 5% for tanks with optional foam cell Dimensions and weight - 50cardine system: 1 41" W 35" H 40" with hose real Approx 200 lbs dry, 600 lbs full

- 50-gallon system: L 41" W 35" H 40" with hose reel Approx 200 lbs dry, 600 lbs full - 100-gallon system: L 42" W 46" H 38" with hose reel Approx 200 lbs dry, 1100 lbs full





FOAM



THE FIRE FIGHTING SOLUTIONS PROVIDER

Angus Fire is a legend in firefighting products in the USA and Canada due to its commitment to firefighters to deliver the best firefighting foam concentrates and foam equipment for over 200 years. Angus Fire is the preferred supplier of foam and foam equipment for the majority of fire departments throughout the USA and Canada. Its name has come to stand for high performance, durability, safety and quality.



Spitfire foam concentrate works in two ways. First, it improves the penetrating capability of water. It reduces the surface tension of plain water which allows it to penetrate surfaces where water might normally run off, to reach deep-seated fires. This helps reduce the amount of water required to extinguish the fire and also provides quicker knockdown. Secondly, Spitfire increases the heat absorbing capabilities of water. Foaming ingredients give water the ability to adhere to vertical surfaces which allows the water longer contact with the fuel. The longer the water is in contact with the fuel, the more heat it is able to absorb. A coating of Class A foam may also be used for exposure protection to prevent fuels from igniting by raising their moisture content and providing a tough protective barrier to an oncoming flame front.





Hi-Combat A foam concentrate works in two ways. First, it improves the penetrating capability of water. It reduces the surface tension of plain water which allows it to penetrate surfaces where water might normally run off, to reach deep seated fires. This helps reduce the amount of water required to extinguish the fire and also provides quicker knockdown. Secondly, Hi-Combat A increases the heat absorbing capabilities of water. Foaming ingredients give water the ability to adhere to vertical surfaces which allows the water longer contact with the fuel. The longer the water is in contact with the fuel, the more heat it is able to absorb. A coating of Class A foam may also be used for exposure protection to prevent fuels from igniting by raising their moisture content and providing a tough protective barrier to an oncoming flame front.

Niagara^{C6} is a superior quality Alcohol Resistant Film-Forming FluroProtein (AR-FFFP) fire fighting foam concentrate at 3% induction rate for extinguishing and securing both flammable hydrocarbon and polar solvent liquid fires.

- •Easy pouring and induction, even at -18°C (0°F)
- •Film-forming foam with fast knockdown
- Extremely low environmental impact
- •Highly versatile eliminates need to stock a variety of foam types
- •Detergent-free for high resistance to fuel pick-up
- •Foam blanket re-seals when disrupted by personnel or equipment

•Reduced stocks, low cost storage, long shelf life and low usage levels provide maximum value for money.

Angus Fire's Hi-Ex® 1-3 is a blend of high activity, synthetic foaming agents and foam stabilizers, specially formulated to produce high quality stable foam. Hi-Ex® 1-3 is effective on a wide variety of Class A and Class B fire risks. The finished foam has drainage characteristics far superior to those of standard detergents; this increases its ability to carry water to the fire and acts as a positive aid to effective fire suppression.

Angus Fire has maintained its position at the forefront of fire protection technology through continuous investment in research and development. A unique combination of technical expertise, from sources stationed all over the globe, allow Angus Fire to produce fire safety technology of the quality and reliability professional firefighters expect and deserve.



Perfect compromise between the conventional venturi proportioner and the electronic foam dosing system, LeaderMIX 200 - 1000 allows precise dosing of all types of foam concentrates even during high flow rate variations. Starting at 5 bar, it allows the accurate dosing of the foam concentrate from 0.3% to 6% over a flow rate range from 200 to 1050 l/min.

Automatic, autonomous and requiring almost no maintenance, it is very easy to use and has a bypass position that reduces pressure drops when the use of additive is not necessary.



FOAM



National Foam is a leading manufacturer of foam concentrate, foam proportioning systems, fixed and portable foam fire fighting equipment, monitors, nozzles and specialized Big Flow pumping solutions. Historically, National Foam has been at the forefront of foam fire fighting and fire control technology and is the acknowledged world leader in providing foam based solutions.

National Foam develops, manufactures and markets the most innovative firefighting technology in the world. We are proud that more fire departments and firefighters trust National Foam's products than any other.

Universal^{®F3} **Green 3%-3%** is a superior quality 3% synthetic fluorine free (FF) foam concentrate, designed for extinguishing and securing Class A and Class B chemical fires. Universal^{®F3} Green 3%-3% has been designed specifically for general emergency responders who are faced with a variety of risks in a range of situations.

Universal^{®F3} Green 3%-3% is a patented combination of surfactants and other ingredients to produce a vapor sealing blanket of foam that rapidly spreads over the surface of the fuel to provide rapid control and extinguishment.

- Unique patented formulation only available from National Foam.
- Specifically designed for local authority and municipal responders.
- UL listed
- Lastfire
- Approved to EN1568 part 3 and 4 on all fuels and all water types



National Foam's Avio F3 Green KHC is a new breakthrough in the aviation industry. This 100% biodegradable product is the world's first film-forming fluorine free foam with ICAO Level C certification.

Avio F3 Green KHC has been designed for extinguishing and securing flammable aviation fuel spills and fires (Jet A and Jet A1). •Fast knock-down and extinguishment meeting the requirements of ICAO level C

•True Newtonian, flows like water to ensure accurate, easy induction and airport crash vehicle compatibility

•Fluorine free to meet airport policy on minimizing environmental persistence

•Various induction rates, see datasheets.



Muni^{®F3} Green 3% is a superior quality, synthetic fluorine free foam concentrate, designed for municipal firefighters on Class A and B hydrocarbon fires.

Muni^{®F3} Green is GreenScreen certified*, assuring that no regrettable chemical substitutes have been used in the formulation. MuniF3 Green 3% is a patented formulation producing a vapour sealing blanket of foam that rapidly spreads over the surface of the fuel to provide rapid control and extinguishment.

•Unique patented formulation only available from National Foam

- •Specifically designed for municipal responders
- •Can be used on structural fires, Class A and B fires.

•Can be used as a wetting agent at 0.5% - 1.0%

Fluorine free – can be used where traditional fluorinated products cannot be used.

•No intentionally added PFAS (PFOA ,PFOS) chemicals •UL / ULC listed

•GreenScreen certified ensuring no chemicals of high concern have been used in the formulation

•Low viscosity to ensure easy induction

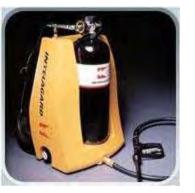
•100% biodegradable



National Foam supports municipal, institutional and corporate firefighting organizations with a broad array of proven firefighting technology, equipment, foam, hose and support services. National Foam's unique combination of technical expertise in rubber and textile technology (fire hose), specialty chemicals (foam concentrates) and engineering design (fire fighting equipment) has enabled it to achieve numerous technological "firsts":







INTELAGARD "MACAW" COMPRESSED AIR BACKPACK FOAM DELIVERY SYSTEM



DECON FOAM

EFT is located in Huntsville, Alabama. In 2000, EFT licensed the Sandia National Laboratories decontamination foam technology and created a product named

EasyDECON® DF200.

EFT is focused on providing chemical and biological decontamination solutions to civilian response teams, first responders, and the US Military. EFT has further developed this technology and now provides an Indoor Air Quality product for the remediation of airborne mold spores and a methamphetamine decontaminant for clandestine meth lab clean up. EasyDECON® DF200 has been proven to effectively neutralize chemical and biological warfare agents, including Sarin, Mustard, VX, and Soman; as well as a variety of toxic industrial chemicals. EasyDECON DF200 has been successfully tested by the US Military and a host of other accredited testing institutions.

Environmentally Friendly

EasyDECON DF200 irreversibly breaks down the molecular structure of chemical agents into non-toxic subcomponents, so there are no toxic byproducts. It is safe to pour down drains, to drip onto the ground, or to run off into sewer systems after use without causing any ecological damage.

Non-Corrosive

EasyDECON DF200 has been proven safe for use on a wide variety of materials. Concrete, asphalt, wood, ceramic, carpet, fabric, leather, steel and aluminum are just a few of the many surfaces tested.

One Minute Preparation

EasyDECON DF200 can be rapidly deployed because the solution can be fully mixed in about a minute. Once mixed, EasyDECON DF200 is fully effective for up to 8 hours.

Easy Application

EasyDECON DF200 can be used as a foam, liquid, mist, or spray. Foam application has the benefits of providing an easy visual reference for application coverage, greatest coverage per gallon, and allows the formulation to adhere to surfaces to maintain the required contact time.

Easy Clean Up

Because EasyDECON DF200 is non-toxic and environmentally benign, clean up is simple using a wet-dry vacuum and water to rinse away the residue.



CLANDESTINE METH LAB REHABILITATION KIT

PIDS PERSONAL INCIDENT DECONTAMINATION SYSTEM



5 GALLON PAIL KIT

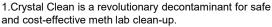


100 GALLON DRUM KIT

INTELAGARD "MERLIN" PORTABLE COMPRESSED AIR FOAM DLEIVERY SYSTEM



FORTIFIER TEST KIT



2.Neutralizes methamphetamine with just one application. Proven to reduce methampetamine to near undetectable levels with only a 60-minute contact time.

3.Significantly reduces remediation costs. Use of Crystal Clean reduces the overall manpower, equipment and supplies necessary to meet state guidelines.

4.Inherently biodegradable, non-toxic, and environmentally safe. Has no hazardous by-products, and is safe to use.







ICE-WATER RESCUE GEAR

Oceanid RDC Swiftwater Rescue Boat

The RDC (Rapid Deployment Craft) is the safest, most durable, easy-to-use inflatable rescue boat ever made. It works in so many applications that this may be the only rescue boat your organization needs. Designed to take the stress of work in demanding, water-related rescue situations.



On water, ice or snow the NRS ASR (All Surface Rescue) 155 Rescue Boat puts your rescue team where it needs to be. Backed by NRS's many years of boat-building expertise, rescuers rely on rugged dependability and efficient design for success in unpredictable situations.



NRS ASR 155 Rescue Boat



WATER RESCUE HELMETS **R6V MKII SEEKER**

Lightweight Water Rescue & Recreation Helmet, the R6V MkII Seeker is a departure from the traditional configuration of rescue and bushfire helmets that Pacific make. The Seeker has a Fibretuff (fibreglass reinforced) composite shell with a single-piece formmoulded polyethylene (PE) liner. The Seeker continues the Pacific tradition of creating versatile helmets that also serve as a platform for multiple accessories, with features such as attachable ear covers, torch base, Pacific's new rubber goggle straps, and the ability to attach a range of helmet mounted communication units.



Oceanid



The NRS Havoc Helmet is your one-size-fits-

most solution to whitewater safety. Our DialFit

system lets you quickly and easily adjust the fit

to accommodate almost any head size.

The NRS Chaos Full Cut Water Helmet is an excellent choice when you're looking for safe, economical and comfortable head protection. Ventilated lower cut covers the ears without interfering with hearing.





RIDGID RESCUE BOARD

The new generation in small, swift water rescue and recreational flotation devices, the RIVER-X board features improves function, durability and affordability over other existing products used today. Attributes include rotomolded, superlinear polyethylene shell (like kayaks), drain/vent plug, dished deck, forearm elbow wells, 3/8" thick deck cushion, sturdy flexible handgrips for multiple persons or for body positioning, and holes for rope use in performing ferry angles and ice rescues.



Used by river professionals, rescue agencies and Navy SEALS, the NRS Workboots, Wetshoes and universal swimfins are the Industry standard for water rescue.



NRS PILOT





ICE - WATER RESCUE GEAR

For more than 10 years, the Ice Commander[™] has set the standard in Personal Protective Equipment (PPE) for cold water rescue. The IC9001 accommodates a wider range of body types while offering unmatched adjustment to suit the needs of individual rescuers.

ICE COMMANDER RESCUE SUIT 9001-03

Mustang Survival is excited to announce the launch of their newest universal fit PFD for water rescue professionals. The high buoyancy MRV150 Swift Water Rescuer's vest was engineered from the ground up specifically to meet the Personal Protective Equipment (PPE) needs of rescue technicians.

Tested and validated by top water rescue operators and teams throughout North America, the MRV150 was designed for high visibility in a full range of operational scenarios. In a 2011 research study entitled On-Water Visibility, Mustang Survival found that fluorescent yellow-green routinely outperformed standard safety equipment colors including orange, red and yellow in terms of visual detection in water particularly in low-light conditions.

For that reason, the MRV150 incorporates an extreme color gradient including a black base fabric, fluorescent yellow-green highlights, and 62 square inches of high reflectivity SOLAS[™] tape which allows the rescuer to be seen in a wide range of light levels.

The MSD576 is the next evolution of Survival's Mustang constant wear dry suit. It is based on the functionality of our legendary Swift Water Rescue Dry Suit and is available in sizes M-XXL. We have updated the design and added several new features, including our Rapid Repair Technology, to improve the mobility and function specific to water rescue professionals.



CONSTANT WEAR DRY SUIT



SWIFT WATER **RESCUE VEST**





procedures.

When lives are at stake, having an immersion suit with the quality and performance of the Mustang Survival Ocean Commander® is essential. The Ocean Commander® is feature-laden to give you the highest level of protection. Donning is made easy with a full-length zipper, neoprene wrist seals and removable neoprene mitts. The OC8003 HR provides unhindered mobility for continued abandonment

OCEAN COMMANDER OC8003 HR

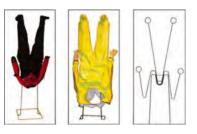




SALUS



GROVES WATER AND DRY SUIT DRIERS



SAR RESCUE VEST

Type V PFD. 22 lbs of flotation, adjustability to fit chest sizes from 30 to 58 inches, and all the features you will ever need in a rescue vest. The NRS Rapid Rescuer can handle situation. any With box-stitched stress points and a 500-denier Cordura® shell, the NRS Rapid Rescuer is tough enouah to handle anv situation. Two huge front pockets stretch to hold anything from a GPS to a VHF. Quick release buckles with adjustable nylon webbing secure the pockets shut. Three lash tabs on the front are great for a knife, whistle or anything else you need to keep handy. Webbing loops for leg straps add extra security in big water. (Leg Straps sold separately). Universal Plus sizing will fit chest sizes between 30 and 58 inches, with 8 adjustment points to ensure a secure fit

EXTREME SAR DRYSUIT

Now there is a drysuit that works as hard as you do. Get the job done with the NRS Extreme SAR.

Designed specifically for hardworking rescue professionals, the breathable, waterproof, 320-denier TriTon[™] fabric will hold up to years of abuse. Super tough Cordura® exterior material reinforces seat, elbows and knees for rugged protection in highwear areas

> As a professional rescuer, you want nothing that will get in your way or let you down. Sometimes, having the right equipment will make the difference between a successful or failed rescue. With the careful placement of foam, we are able to achieve optimum flotation (22 lbs. of buoyancy to lift two people) while providing maximum flexibility and enhanced comfort. As you never know who the next man or women will be to make the rescue, one of the most important features in the SAR vest, is that it was designed as a one-size fits all vest. The SAR rescue vests have been designed to provide convenient and quick donning for large and small personnel. The convenient pull forward - adjustment straps allow you to don your vest quickly and easily both in summer and winter (while wearing gloves) therefore allowing you to give your rescue your fullest attention. The large armholes, narrow shoulders and high waist allow the entire design to reach and bend with you, providing a standard of performance never seen before in a rescue style PFD.

ICE RESCUE +

ICE-WATER RESCUE GEAR



What began as just a small seed of an idea in Grand Junction, Colorado has grown into a full scale design and manufacturing company that produces state of the art surface ice rescue equipment on an international scale. At Ice Rescue Systems, we strive to go beyond producing quality ice rescue equipment by embodying the values and spirit of brave rescuers from the past, present and future. Since the beginning, our advanced ice rescue equipment packages have set new industry standards for design, performance and excellence. We knew that our success depended in large part on the commitment and talent of our team. Dedicated trainers and expert rescue professionals from around the world who are passionate about creating innovative ice rescue equipment. Our team knows first hand the challenges associated with operating ice rescue equipment in high stress situations. When it comes down to it, we are visionaries. It's just who we are! We examine the status quo of ice rescue gear with a critical eye and aim at making improvements. Which lead us to the invention of the RTS Rapid Transport Sled attached with the Tactical Reach Pole and Pro Recon Sling. Perhaps the best *ice rescue equipment package* on the market. Ice Rescue Systems would like the thank the many experienced rescue professionals worldwide, whose immeasurable energy and dedication motivates us to improve our ice rescue equipment and ice rescue gear packages.

Ice Rescue System's Tactical Reach Pole is an essential for any department. This professional rescue pole was developed, designed and tested by many professional technicians. The Tactical Reach Pole System is so rugged we proudly stamp our Tactical Reach Pole with our Life Rescue Warranty. System comes with Reach Pole 84" only.

Features:

- •Carbon Fiber Light Weight •Buovant
- •Duoyani
- •Attaches to Pro-Recon sling •Stainless steel components
- •RTS Attachment Kit available
- •Used with Dog Rescue Device

EXTRICATION SLED KIT 1.1

•1 Pair of Get a Grip Ice Awls®

•1 Rapid Transport Sled

1 Pro Recon Sling

1-Throwbag

•1 150 Ft Tetherline

Includes:

- •lce stability test tool
- •Hand to wrist loop
- •Wrist loop padding
- •Self rescue device
- •Reflective sticker

TACTICAL REACH P[OLE 3 KIT Includes:

•TAC1 RP 8472 (1-84" base pole and 1-72" telescoping section)

- •2 Reach Pole Adapters
- •1-Ice Awl Adapter
- •1-Sling Adapter
- •Grapnel Hook
- •Carabineer Clip
- •Third Foot
- •5 -Dog Rescue Bands
- •1-Retreiver 120' System
- •1- Pro Recon Sling





EXTRICATION BASIC SLED KIT 1 Includes:

- •1 Rapid Transport Sled
- 1 Pro Recon Sling
- •1 Tac+1 RP 5440 Carbon Fiber
- •1 Pair of Get a Grip Ice Awls®
- •2-Reach Pole Adapters
- •1-Ice Awl
- •1- Sling Adapter

ICE RESCUE SYSTEMS offers a full range of TACTICAL REACH POLES and EXTRICATION SLED KITS. Contact Canadian Safety Equipment for further details and pricing.



EXTRICATION SLED KIT 5 Includes:

- •2-Rapid Transport Sleds
- 2-Pro Recon Slings
- •2-Storage Bags
- •1-150 Ft Tetherline with Reel
- •1-300 Ft Tetherline with Reel
- •1-Shortline Tether System
- •1-Rescue Tether Strap
- 1-Pair of Get a Grip Ice Awls
 - •1-75 Ft Throw Bag
 - •1- Water Operation Harness



WATER AND RESCUE ROPE



Established in 1995, Esprit stands on the leading edge of rope technology. We have developed new generation life safety ropes for fire, search & rescue, industrial and mountaineering applications.

Esprit designed **Streamline**, the revolutionary 1/2" rescue rope with superb handling and improved cut resistance. **Riverline** water rescue ropes combine polypropylene and spectra in the core for buoyancy and superior strength.

Our **Bonedry** dynamic ropes remain supple and continues to perform long after traditional dry ropes have frozen.

Esprit lifelines are designed for industry professionals and those who demand high performance from their ropes: confined space workers, firefighters, search and rescue teams, police, military, grips, window washers, climbers and mountaineers.

Esprit offers two types of water rescue rope: Lakeline and Riverline





Lakeline	Riverline
1/4" x 50 ft	1/4" x 50ft
1/4" x 75 ft	1/4" x 75ft
5/16" x 75ft	5/16" x 75ft
3/8" x 75ft	





SearchPro+ is revolutionizing underwater rescue/recovery with state of the art technology now available for ice and water Rescue and Recovery operations. The intelligent underwater 6X drone zoom camera (from SONY- F1.4) integrates both real time underwater shooting and observational functions, all with a 5 hour battery life, 4-thruster drive, and the ability to dive as deep as 330 feet. It is easily maneuvered via remote control, is capable of 360 degree free rotation, calculates and indicates depth automatically, can hover, displays temperature and provides real time transmission of underwater pictures and video. The SearchPro+ is equipped with two automatic/manual adjustable hi intensity LED lights and includes a 6X zoom camera.

The integrated WiFi signal allows other rescuers to also view the drones signal with a simple app on their Smart Phones.





SearchPro+ Grappler





RESCUE LINE LAUNCHER







The **ResQmax[™]** line thrower is the essential tool for water rescue. Varied in its applications, the **ResQmax[™]** can deploy a wide variety of lines to distances up to 400 ft / 122 m. Because the **ResQmax[™]** is a non-pyrotechnic line thrower, it does not require special storage, shipping, or licensing. This pneumatic line thrower replaces traditional pyrotechnic line guns with an intrinsically safe option. The system is powered by compressed air and the components can be reused, making line-throwing training an inexpensive operation.

Life ring can be fired out to a victim from shore.









The **Tactical ResQmaxTM** is a pneumatic line thrower specifically designed to deploy a line only, a grappling hook and climbing line, or a grappling hook and ascending ladder to an otherwise inaccessible point in both land-based and maritime environments without putting the operator at risk.

•Utilizing a patented air-thrust technology, the **ResQmax™** is non-pyrotechnic, reusable, and refillable.

•Launcher housings are injection-molded from polycarbonate for durability and high impact resistance.

•3,000 psi / 207 bar service pressure line projectiles.

MAXIMUM DISTANCE

The **Tactical ResQmax**[™] is capable of deploying a standard line up to 250 ft / 75 m depending on the service pressure, weight of line, and type of projectile used. Distances of over 400 ft / 120 m can be achieved using customized line options.

MAXIMUM SAFETY

The safety mechanism is "always on," resetting automatically when a projectile is inserted.

The projectile's "Push-Click" engagement allows easy reloading, even in the dark. A pressure relief burst disk prevents unsafe pressure build-up that could result from exposure to extreme heat.

MAXIMUM PERFORMANCE

Multi-Shot Capacity.

The patented nozzle valve permits any number of projectiles to be precharged and stored with the unit, allowing deployment of multiple projectiles in rapid succession. The **ALM** is the high performance line thrower specifically designed for tactical teams. The rugged aluminum launcher is manufactured for use in the most extreme maritime and urban environments to deploy a line, a grappling hook and climbing line, or a grappling hook and tactical ladder for method of entry and vessel boarding from surface or subsurface locations. The **ALM** is the ultimate tool for tactical teams requiring boat-stopping equipment when used with the RGES (Running Gear Entanglement System) SF40 payload.

•Utilizing a patented air-thrust technology, the **ALM** is non-pyrotechnic, reusable, and refillable.

•Launcher housings are cast from 356-T6 Aluminum for the best weight-to-strength ratio. The **ALM** barrels are powder-coated black for covert operations and have a lifetime guarantee against all hazards.

•4,500 psi / 310 bar service pressure line projectile.

•3,000 psi / 207 bar service pressure line projectile.

MAXIMUM DISTANCE

The **ALM** is capable of deploying a 3,200 lb test strength line horizontally up to 330 ft/ 100 m. The ALM can deploy a 7.0 mm climbing line with a grappling hook vertically up to 165 ft / 50 m. A 65 ft / 20 m Tactical Ladder and grappling hook can be fully deployed by the **ALM**.

MAXIMUM SAFETY

The safety mechanism is "always on," resetting automatically when a projectile is inserted.

The projectile's "Push-Click" engagement allows easy reloading, even in the dark. A pressure relief burst disk prevents unsafe pressure build-up that could result from exposure to extreme heat.

Each launcher is fitted with a luminous pressure gauge for close visibility at night. **MAXIMUM PERFORMANCE**

Multi-ShotCapacity.

The patented nozzle valve permits any number of projectiles to be precharged and stored with the unit, allowing deployment of multiple projectiles in rapid succession.





HAZMAT-DECON



FSI North America® was founded by the Conron family in July 1997. As FSI® moves forward to a 25th anniversary of service to the life safety market, we also look forward to welcoming the 2nd generation to carry on the mission of offering unique, industry leading, high quality products, at a fair market price. All FSI® products are Commercially Available Off The Shelf (COTS).

FSI®, and its wholly owned subsidiary FSI North America® are involved in the WMD, Life Safety, Hazmat, Gross Decontamination, Mass Casualty, Medical, EMS, and Fire Fighting markets around the world.

FSI® Portable, Mobile, and Fixed Gross Decontamination Emergency Shower Systems, Shelters, Isolation Shelters, Medical Surge Capacity / Field Hospital Systems, and Accessories are designed to meet the rapid response demands of Homeland Protection personnel worldwide.





DAT1010S 1 PERSON PORTABLE SHOWER



DAT2020S FIRST RESPONDER SHOWER



DAT2525MA 3 STAGE – ONE LINE DECON SHOWER



DAT2999S 3 FIRST RESPONDER SHOWERS



SAT4070HCS LINE MASS DECON SYSTEM WITH ALL ACCESSORIES



DAT® Series Isolation Shelter -Approx. 13' W X 17' L X 9' H (4 M X 5.2 M X 2.7 M) - Shelter only with double door 'airlock', 221 sq. Ft. (20.5 M2) 260 lbs. (118 Kg), full Velcro closure air vents, clear vinyl windows, HVAC Air ducts with tie closures.

F-SCSS9018600

120 BED MEDICAL SURGE CAPACITY FIELD HOSPITAL



DAT®4000SP-DTGR DRIVE THROUGH SHELTER - 1 LANE - 1 VEHICLEDAT® Series Isolation Shelter - Approx. 13' W X 17' L X 9' H (4 M X 5.2 M X 2.7 M) - Shelter only with double door 'airlock', 221 sq. Ft. (20.5 M2) 260 lbs. (118 Kg), full Velcro closure air vents, clear vinyl windows, HVAC Air ducts with tie closures.

FSI DAT15T MOBILE 19'DECON SHOWER TRAILER

-self contained -internal waste storage -heated showers -power generator -air heater Decon Pools are available in a wide range of sizes



DECON POOL





THESE ARE JUST A COUPLE OF THE DOZENS OF MODELS AND STYLES OF MEDICAL SURGE FACILITIES AVAILABLE FROM FSI NORTH.

SYNTHO+PLUG LEAKING FUEL TANK?

Syntho-Plug is a footballpolyurethane shaped, impregnated, water activated foam plug used to temporarily stop the flow from a leak in anything from a pipe to a tanker, to a railcar and even a boat hull. It is initially pliable to insert into a void and quickly expands and hardens to fill the void – it can even be applied below the water line.





EXOSKIN-B1

High Traction CBRN Boots

We understand the true importance of equipment integration; effective equipment interfaces ultimately result in improved operator ability and efficiency. EXOSKIN-B1 is the result of a significant investment of time in design, listening to users around the world to ensure the EXOSKIN range offers complete protection between key interfaces, without compromising on user ability.

Suitable for:

First RespondersMilitarySpecial Forces





EXOSKIN-G1

Tactile CBRN Gloves Built on our globally renowned and trusted CBRN expertise, EXOSKIN-G1 CBRN Gloves provide maximum protection against CBRN and TIC threats while optimizing operational ability with intelligent touchscreen compatibility. **Suitable for:**

First RespondersMilitarySpecial Forces



ALO

A top seller in the Western world, the original AirBoss lightweight overboot (ALO) is the footwear of choice for the US Joint Services as their Alternative Footwear Solutions (AFS) and the Canadian Department of National Defense. Ready for prompt delivery, this traditional model has been tried and proven in over 25 nations worldwide. The ALO is hand assembled and individually tested. Lightweight and easy to decontaminate, it provides 24-hour protection against CW agents and select TIC threats.



AMG

When high dexterity, tactility, durability and comfort are required, the AirBoss CBRN molded glove (AMG) will surpass all others on the market.

The AMG is the only molded ambidextrous CBRN glove of its kind. With its textured finger tips, extreme lightweight, and molded seamless design, this glove fully integrates with CBRN suits. For increased comfort, the AMG comes with our patented Coolmax® liners providing sweat management and facilitatte donning and doffing.

The AirBoss molded glove can easily be decontaminated in the field and provides 24-hour protection against CW agents as well as a variety of TIC threats. With a thickness of only 0.56mm (±0.13mm), this glove offers remarkable tear resistance, and low volume packaging.







HAZMAT CLOTHING

Lakeland Industries Inc. is a multidivisional, publicly-held producer of quality, high-performance protective garments for industry in both domestic and worldwide markets.

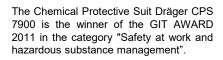
Lakeland's protective clothing products are proven on-the-job every day, and are specified routinely for workers in the chemical petrochemical, healthcare, automotive, glass, cement and other industries in which hazardous materials must be handled. These reliable and, therefore, popular lines are widely diversified, yet stand prominently on the common foundation of quality for which the Company is well-known and respected, and to which it continues to pledge its efforts



The chemical protective suit Dräger CPS 7900 was developed to protect its wearer when handling toxic or hazardous materials and to provide much needed support for a variety of dangerous tasks. The suit material D-mex offers unique resistance to various substances as well excellent protection mechanical effects, adainst liquefied gases, and flash fires. The Dräger CPS 7900 meets and exceeds the requirements of international standards of fire departments, search and rescue organizations, and industry for reusable protection suits.



The Kappler brand: A Promise Of Protection.







Dräger

Kappler[®] at You're Getting Into.

Lantex® 100 is the only NFPA 1999 certified single-use garment that provides an economical solution for fentanyl response situations faced by law enforcement. With its breathable barrier fabric for enhanced comfort, plus a tactical garment design, Lantex 100 offers a proven, affordable alternative to expensive reusable garments. Lantex 100 also provides proven blood and viral protection, passing the ASTM F1671 blood and viral penetration tests.



DuraChem 200 is multi-hazard Hiah-Visibility apparel that combines FR with protection protection against Chemical, Arc Flash, Steam and Hot Water, and Molten Metal Flash hazards in one cost-effective coverall or ensemble.



Zytron® 500 is the classic emergency responder choice for hazmat response and other demanding situations. It's tough, built for mobility, and based on patented technology that created the first material to survive eight full hours against the ASTM F1001 Test Battery with no breakthrough. Now with an extensive chemicals-tested list numbering in the hundreds, it's no wonder that responders around the world trust Z500 garments for ultrademanding Level A and Level B applications.



From gas-tight biohazard coveralls to chemical suits, we're the first to tell you: It's not just the suit. It's knowing it's the right suit, made from the right fabric, with the right seam. With test data that confirms all of the above.

For more than four decades Kappler has led the industry with patented technology and proven garment designs. And we've built a reputation for quality, innovation and straightforward advice on what to wear. Nomatter the hazard, Kappler on your garment means you always know what you're getting into



Zytron 200 has increased resistance to a wider range of chemicals and greater physical strength for applications where rip-out is a concern.



HIGH ANGLE - RESCUE





ROPE RESCUE TEAM KIT



1 Traverse Titan Rescue Stretcher 1 Sierra Safety Litter Pre-rig 2 200 ft. 1/2 inch Ropes (any colors) 2 Medium Rope Bags with Shoulder Straps (any colors) 1 Brake Rack 3 Yates Mountain Lite Single Pulleys 2 Yates Mountain Lite Double Pulleys 1 Rescue Rigger Rigging Plate 14 Steel NFPA Autolock Carabiners 4 Sets Tandem Dynamic Prusiks 2 Medium Rope Guards 1 Rope Edge Pad 3 15 ft. Type 18 Webbing 3 20 ft. Type 18 Webbing 1 4 ft. Anchor Strap with Wear Pad 16 ft. Anchor Strap with Wear Pad 5 9mm Delta Links 1 2:1 Heavy Duty Pick-off/Transfer Strap 1 Load Release Anchor 2 Bolt and Tool Bags 1 Yates Riggers Gear Bag 1 Yates/Evac Tech Rescue Equipment Pack



FIRST RESPONDER RAPEL KIT

- 1 200 ft. 1/2 inch Rope (white w/tracer)
- 1 Medium Rope Bag (any color)
- 2 Yates NFPA Seat Harnesses
- 2 Petzl Vertex Helmets
- 2 Aluminum Rescue Figure 8s
- 6 Steel NFPA Autolock Carabiners
- 1 6 Foot Anchor Strap with Wear Pad
- 1 9mm Delta Link





384 TECHNICAL RESCUE II HARNESS

A tuned down super lightweight version of the popular Voyager Harness. Great harness for entrylevel technical rescue, rope access, short-haul, and basic rope rescue uses. Waist belt portion and leg pads of the harness use smaller and thinner padding material to save weight and reduce bulk still providing excellent comfort and support. Sizes S/M, L/XL

353 LIGHTWEIGHT ASSAULT WITH TACTICAL FULL BODY CHEST



Full body harness designed for short-haul, rappel, and extraction (SPIE) operations. Lightweight Assault is combined with an easily adjustable single connection point chest harness. Easily donned over the tactical body armor. Web gear can be worn over chest harness. Particularly useful in military applications where a user needs to be extracted in an upright position if injured. Currently used by military special operations units. Quick-adjust the hardware, low profile and lightweight.

900 YATES SPEC PAK

Patient packaging and extrication system combine the backboard immobilization of a shortboard with the suspension and support of a full-body harness. The Spec Pak system utilizes an integrated polyethylene board along the back to reduce wear and create a smooth sliding surface for confined space operations. Grab handles located at the head and sides allow rescuers to better handle the patient package during movement through tight spaces.

Arizona Vortex tripod

The originator of modern artificial high directionals (AHD)s, the **Vortex** is a **tripod**, bipod and monopod in one all-inclusive kit. Its precision machined two-piece head can be rigged as a standard **tripod** or, in advanced applications, as an A-frame, Sideways A-frame, Gin Pole or a multitude of other configurations.







HIGH ANGLE - RESCUE





Traverse 540° Large **Rescue Belay**



Static Kernmantle rescue rope

PETZL



Gibbs Ascender

CMC Rescue MPD™



CMC ProSeries Pulley





Rescue Static-Pro™ Lifeline







WE OFFER THE FULL **RANGE OF PETZL** PRODUCTS

The LEVR Escape System is built around CMC's patented LEVR Descender, a next-generation device that uses its lever-shaped handle for progressive descent control, fast and easy horizontal pay-out, reliable edge transition, and intuitive operation. Designed to assure rapid emergency egress with safe, controllable descent, this escape system is now offered with the option of either the gated Flash.G™ Escape Anchor or Flash.2™ Escape Anchor.



The AVAO BOD fall arrest, work positioning and suspension harness is designed for greater comfort in all situations. Wide, semi-rigid waistbelt and leg loops give excellent support. Its lightweight, breathable construction maximizes air flow.



Reactive

The ATOM™ Series, our most comfortable harness line ever developed, is the culmination of stripping harness design down to the basics and re-imagining a performance-enhancing tool for rescue and rope access. CMC has incorporated years of feedback from experts who spend long hours in a harness. In addition, the ATOM harness went through rigorous field testing, resulting in a harness design that improves safety, comfort and workflow efficiency in all the ways you can't see, but feel.

Bay

Every detail in the ATOM Rescue Harness has been thoughtfully designed for the rescue professional. From the structure and attachment points to buckles, gear and accessory loops and other features, the ATOM delivers maximum comfort, safety and workflow efficiency in a lightweight and low profile harness system.







Exofit No-Tangle™ design for added comfort and easy donning Spring loaded stand-up back Dring ensures fast, easy, and safe connections



EXOFIT X-100





LADDER CLIMBING HARNESS





DESCENT CONTROL HARNESS



EXOFIT

X-200



X

LINEMAN'S HARNESS

3M



EXOFIT

X-300



DELTA BOSUN CHAIR HARNESS



SALA

DELTA HI-VIS VEST

On this page are just a few of the dozens of world class harnesses made by DBI/Sala. Call us at: (800) 265-0182 for a complete catalogue



3M™ DBI-SALA® Safe Bucket 100 lbs (45.4 kg)



3M™ DBI-SALA® Hammer Holster for belt, 1500093



3M™ DBI-SALA® Dual Tool Holster, 1500108, for harnesses ...



3M™ DBI-SALA® Utility Pouch, 1500132, for belt





Compliance in a can with roof anchor



Roof Anchor Fall Protection Kit



PRO Harnesses with Comfort Padding are designed with form fitting comfort pads over the shoulders and back and on the leg straps. They serve to disperse the pressure on the web and make the harness comfortable enough to be worn all day long.



PRO Industri Climbing Harn with Comfor Padding

PRO Construction Harness with Comfort Padding

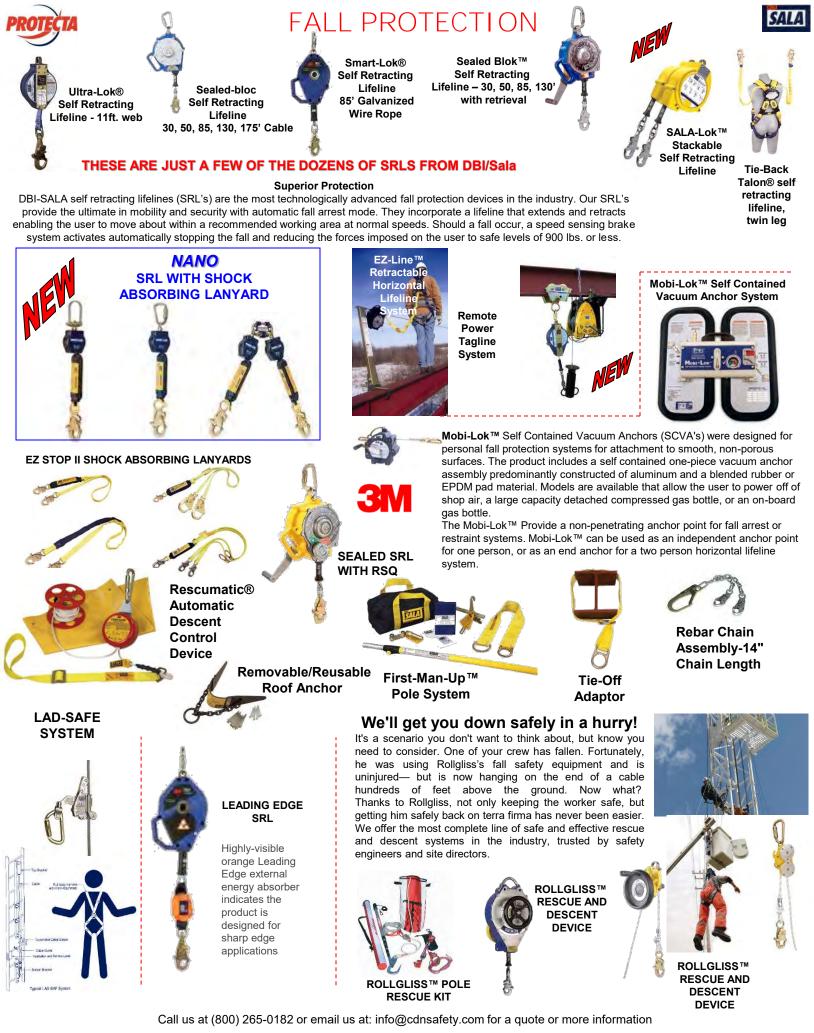




PRO Industrial Harness with Comfort Padding and Retrieval



DELTA VEST STYLE HARNESS





AUTOMATIC FALL PROTECTION ALARM



The WorkForce[®] product line uses an advanced gyro/accelerometer sensor to detect a worker's fall from heights and automatically transmits a wireless emergency alert without any action required by the worker. WorkForce[®] transmits this wireless emergency signal that is received by others facilitating a "prompt rescue"

Personal fall arrest and fall restraint systems .. fall arrest devices .. active fall arrest .. safety harnesses and lanyards are just a few of the key words found around those who work at heights. The best fall protection plan will provide a user the means to self-rescue but what happens when a user is unable to self-rescue? What happens after a fall? Studies show that workers left hanging are at risk of suspension trauma, a deadly condition that can develop in a within less than 20 minutes.

Workforce® Fall Detection and Suspension Trauma Prevention Systems are designed to help those who can't help themselves and unable to self-rescue. WorkForce® detects a fall and immediately notifies others initiating a prompt rescue.

WorkForce® goes beyond the minimum requirements of fall protection. After a fall, Workforce® is the answer to what happens next.

WORKFORCE® WF1

- •General Purpose All Duty Fall Detect and Lone-Worker Worn Device •Used in 'Buddy Package' or 'Supervisor' Device Configurations
- •Can Be Used with Grace Locator Beacons
- •GPS Option, Use with Grace-Watch® Mapping and/or WorkForce® WF2
- •Compatible with all Existing Grace Radio-H Based Systems
- Internal Antenna
- •Rechargeable Internal Battery
- •IP67 Dust Tight / Water Immersion

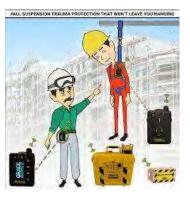
WORKFORCE® WF2

- •General Purpose/Supervisory-All Duty Fall Detect & Lone Worker Device
- •Used in 'Buddy Package' or as a 'Supervisor' to Monitor Other WorkForce® Users
- •High Visibility LED Display of WorkForce® Users Name/Location
- •Optional GPS Model for Use with Grace-Watch® and Mapping
- •Displays Grace Locator Beacon Location of Other WorkForce® Users
- •Displays Outdoor GPS Coordinates of Others (GPS Model) In Alarm
- •Can Be Used with all Existing Grace Radio-H Systems
- •Internal Antenna and Rechargeable Battery
- •IP67 Dust Tight / Water Immersion
- •EVAC (Evacuate) Button to Alert Other WorkForce® Users (Confined Space Model)









i-SafeTM Intelligent Safety Inventory System - available on virtually all of DBI/Sala's products and can be used with other equipment as well.

•The i-Safe™ Intelligent Safety System is a truly unique, Patent Pending information management system specifically designed for use in the fall protection marketplace.

•It is an intelligent technology that controls inspection tracking, inventory and product/user information in a paperless environment

•i-Safe[™] uses proven Radio Frequency Identification (RFID) technology to identify products which then have a history file attached to the RFID tag number. That history can be viewed on DBI-SALA's hosted server through your own secure portal

•It keeps track of inspection for due diligence purposes making sure that each product assigned to a user is inspected on time and recorded on a paperless database accessible by you or your system administrator

•Additional functions include inventory assignment and tracking to reduce theft and optimize asset management

•New retrofit RFID tags are available so you can pass the benefits of i-Safe tracking and inspection scheduling to other critical items in your inventory

•The system is easy to learn and saves both time and effort when keeping tabs on your assets •Available in 6 languages







AIRSTAR, the inventor and world leader of lighting balloon technology, offers a complete range of products to meet all your emergency lighting needs.

SCENE LIGHTING



SIROCCO2 VERSATILE LIGHTING **BALLOON**

BALLOON

- 3 ft diameter - self inflated

- CSA certified

- -20°C to + 30°C - lamp life 8000 hours

LIGHTING DATA

- 16,000 sq. ft. at 5 lumen

- 9,500 sq ft. at 10 lumen

LIGHT

- 9 amp

- 110 Vac

- better light diffusion - flame retardant fabric - HI-T (non halogen light)

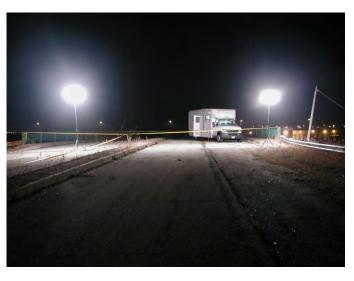
- 360° light distribution - low energy consumption



The AIRSTAR lights are quick and easy to set up and will operate in all kinds of weather.

Unlike tubular lights, their cylindrical design spreads the light out in a circle and the reflective internal coating on the top of the balloon cylinder reflects the light down to the work area where it is needed most.

CRIME SCENE



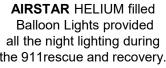


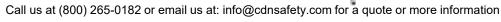


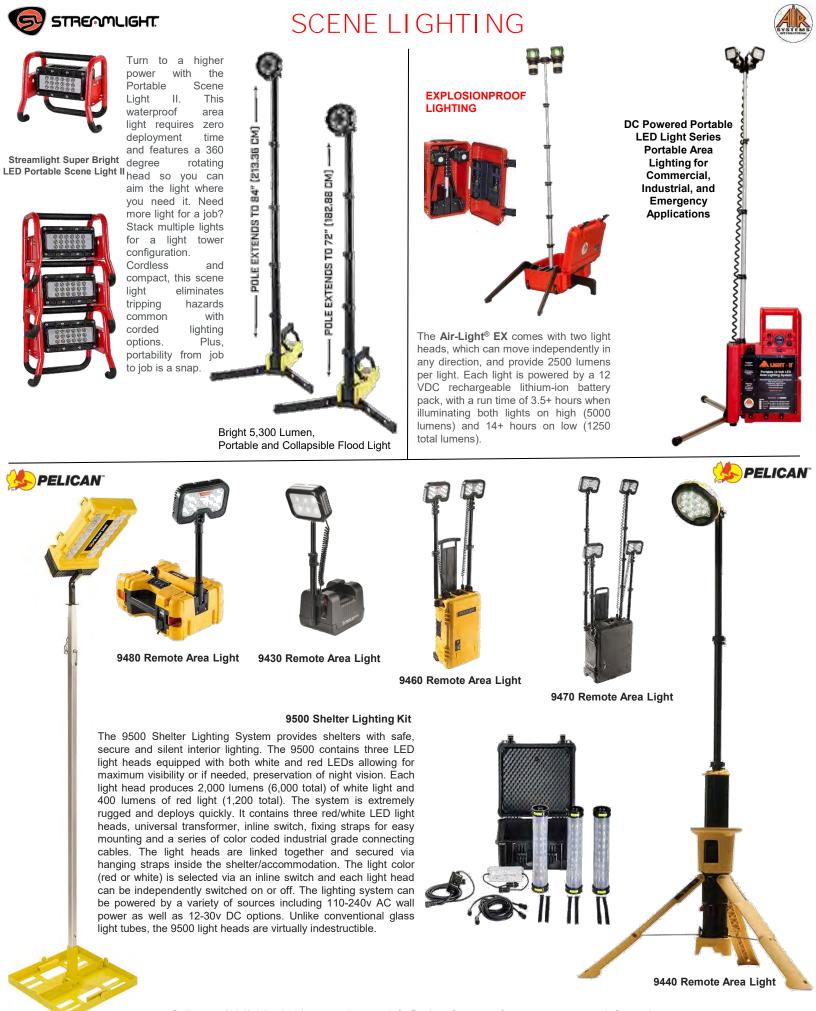
AIRSTAR HELIUM filled Balloon Lights provided all the night lighting during the 911rescue and recovery.

UNDERGROUND









9600 Modular Lighting System



POSITIVE PRESSURE VENTILATION

Tempest offers the most complete line of gasoline and electric powered blowers for fire fighting applications. Featuring durable all steel frames, spun aluminum shrouds and composite impellers, the Tempest Power Blower has set the standards for fire/rescue blowers.





GAS POWERED VENTILATORS OFFER AN OPTIONAL CATALYTIC COVERTER



Tempest Gasoline Blowers provide more horsepower than electric blowers. They are available in both belt-drive and direct-drive.

BATTERY **BLOWERS**

The Tempest Technology industry leading VS-1 battery blower with a 70-minute run time and a removable battery is our most popular product. The VS-1 is the first of the Tempest Tech Series product line. This PPV / PPA Blower has been designed to be an amazing addition to any fire department. The ergonomic design and a leading-edge battery motor makes it the perfect choice. At only 52 lbs. it leads the industry in mobility. With an air flow rating of 10,887 cfm., the VS-1 delivers a level of utility and performance not found in any other battery-driven blower.





The TEMPEST special operations blower is the latest addition to the positive pressure ventilation and attack arsenal. the fan's unique grille and shroud design create a laminar air flow (laf) which is highly effective in unique fire-ground scenarios.

Cone air flow fan placement has always been a 3 to 6 foot setback from the doorway. The new SP fan is most effective at a set back of 8 to 10 feet. This laminar air flow allows improved personnel access, and the new grille design significantly lowers air turbulence which means air is carried further and more pressure is created inside the structure.

TEMPEST BLOWERS ARE THE FIRE INDUSTRY STANDARD:



ELECTRIC VARIABLE SPEED BLOWERS INCLUDING THE VSG AND VSM MODELS



The Tempest EBS-16 is a powerful smoke ejector when used with it's optional hanging bar and brackets. When used with it's duct and duct adapter ring it can be used as a very powerful positive and negative pressure ventilator.



TEMPEST BATTERY BLOWER BB-16 - W/REMOVABLE BATTERY

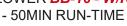


The **VS-1.2D** DeWalt battery-driven blower delivers a level of utility and performance found with no other batterydriven blower with the convenience of Dewalt FLEXVOLT 60V batteries.

•40-MINUTE RUN-TIME

•With all 3 DeWalt 60V 12AH Batteries, blower will run for an average of 40 minutes or you can run off of just 1 or 2 batteries.





•*MULTI-USE* It can be used: •Indoor and outdoor: IP66 •For PPV, alone or combined with other fans •For blowing or extraction through ducts •As a foam generator with adapter •for rehab of the crew after an intervention

PATHMASTER[®] SMOKE CURTAIN

NEVER BLOCK POINT OF EGRESS

Only prevents air movement through the opening, not personnel. Deploys in any doorway or window opening without obstructing the point of egress unlike closing the door or window. Frees up personnel from having to manage a closed doorway.







POSITIVE PRESSURE VENTILATION



LEADER has carefully studied and tested every fan they manufacture to ensure very rapid room pressurization using Positive Pressure Ventilation (PPV). The power of each fan is perfectly managed to optimize the operational advantage to the firefighters using our Leader fans

With range flows of **17,650** to over **58800** cfm, we can guarantee **real efficiency** during each rescue, attack, protection, or smoke removal operation, with easy setup linked to the Easy Pow'air technology (automatic tilting).

Our of battery-powered fans, which can be easily carried by a **single firefighter**, can adapt to specific operational situations, like booster ventilation. These fans are also **Compact and self-contained**, they can work closely to the fire, providing a flow of around **14,700 cfm**.

The fire ventilation fans include our LFV (large flow ventilators) with a flow of 235,431 cfm.

Finally, for explosive atmospheres, LEADER offers a sucking and blowing ATEX fan equipped with a ZAG connection to remove dangerous gases securely and quickly, thanks to its 5297 cfm flow.



LEADERS's TWO MOST POPULAR FANS



EVG230 NEO - PPV VARIABLE-SPEED DRIVE ELECTRIC FAN - 17,010 CFM



GAS-DRIVEN FAN MT296 56,505 CFM OPEN AIR





EASY POW'AIR TECHNOLOGY

EASY POW'AIR technology allows ventilators to generate a powerful and concentrated air jet when positioning the ventilator at a distance of 0.91 to 6.09 m from the opening. This frees up space for intervention teams. In addition, they are equipped with an automatic tilting system that allows ventilation of entrance steps, landings, raised doors and windows, etc.

LARGE-FLOW VENTILATOR EASY 4000 TRAILER-MOUNTED 234,430 CFM OPEN AIR



NEO GAS-DRIVEN FAN MT240 - 21,355 CFM AMCA



LARGE-FLOW VENTILATOR EASY 2000 ON SKID 129,400 CFM OPEN AIR



WHAT IS A FIRE ISOLATOR?

FIRE ISOLATOR is a concept for isolating and fighting EV car fires based on best practices and live testing. In general, **there is not one single solution to extinguish or control EV car fires**, as all firefighters who have dealt with these types of car fires will be able to confirm. Effectively isolating and fighting EV car fires takes several different methods because of the lithium-ion batteries on board of EV cars. The EV car may need to end up submerged in water in a container, but with the FIRE ISOLATOR concept, there is a lot that can be done beforehand to minimize the damages. Fighting EV car fires with the Fire Isolator concept has been thoroughly tested and proven to





The Fire Isolator blanket when used with the Flame Guard Fire grenade is an Excellent method of getting an EV fire under control. The blanket can be washed and reused a number of times. See page 23 for more information.





The Glas-Master

No other tool cuts glass windshields faster and more effectively helping reduce rescue time significantly.

Wehr Engineering has developed this revolutionary tool to expedite the removal of all vehicular glass, reduce the risk of trauma to the patient, and provide increased rescuer confidence in safely tackling this task.



WEDGE IT

The Wedge-It is designed to hold an interior or exterior door open to a 90° angle. It can be placed in any of 3 locations on a door:



The Wedge-It has been redesigned to incorporate a few improvements. Rubber is now molded on to the Polycarbonate plastic body so it will never come off.

The strategically placed hole is now larger which makes it easier for the attachment to safety coats, vests, belt loops, trauma kits, tool boxes and countless other individual applications.

There are now two rubber pads where the Wedge-It comes in contact with the back of the door and doorjamb when placed over the hinge. This will prevent any chipped paint or indentations on wooden doors and jambs.



SUPERPASS® 5 NFPA COMPLIANT FIREFIGHTER PERSONAL ALERT SAFETY SYSTEM

The SuperPASS®5 is the smallest, lightest and loudest stand-alone, NFPA-compliant PASS. The SuperPASS®5 is used as the Firefighter's Primary PASS as a stand-alone device, no SCBA is needed and this PASS remains operational, protecting the Firefighter at all times, with, or without an SCBA.

SuperPASS®5 is the only NFPA compliant device available to protect your Firefighters. The auto-on feature is cleverly designed using a patented Accountability Key that can be used as tally-board tag indicating the Firefighter is present at the incident and contains an identity window that can hold the Firefighters name and other relevant information.



SuperPASS® 2 Lone Worker Device

The SuperPASS[®] 2 is an audible only lone worker man-down alarm for industrial applications. Grace Industries PASS devices give the Lone Worker confidence in knowing that a very loud audible alarm will sound if he or she becomes unresponsive and motionless. PASS alarms can be used as a means of accountability by providing verbal and visual indication of any distressed team members. The loud audible alarm and flashing light indicators will alert other individuals on the scene of the situation so they can help to evacuate their coworkers. **NOT approved for fire fighting.**



ACCOUNTABILITY



MEDIMAGE is a Canadian manufacturer of Accountability systems for Fire Fighting. Their Command Cases are simple to use and easily set up on the tripod unit. They also offer customized accountability tags..



medimage



CASE COMMANDER® ACCOUNTABILITY SYSTEM

The **Case Commander™** Command System will allow the I.C. to easily track assignments of personnel and apparatus through the use of the National Incident Management System. Large or small incidents can be managed with this system. Fill out your Command and General staff only as necessary.

The dry erase surface has space for size-up notes, strategic & tactical planning, assignments, PAR, special hazards, tactical considerations etc.

The I.C. will sketch a layout of the incident then place the magnetic tags representing Apparatus, Officers & Crews onto the board in the positions of their assignments. Then the I.C. can track all fire ground Groups and Divisions as well as the Officers leading them.

A timer clock with an alarm tracks time and facilitates prompt PAR reports.

Included are 50 custom engraved magnetic tags representing your apparatus and officers. These tags are typically engraved with the Radio designations of all Department Officers, Apparatus as well as common Mutual Aid providers. Additional tags are available for purchase.

RIT COMMANDER



Features: Fully N.I.M.S. compliant Heavy duty case Built in wheels and legs (no separate pieces to store) Large Clock with timer and alarm LED light Large Dry Erase surfaces printed with Incident Command worksheet 50 Custom Engraved Magnetic Tags Additional tags can be purchased Dry erase markers and eraser included Storage area below lower board Boards are 12" x 36"



CASE COMMANDER W/ACCOUNTABILITY BOARD

Front



DELUXE BOARD

Back

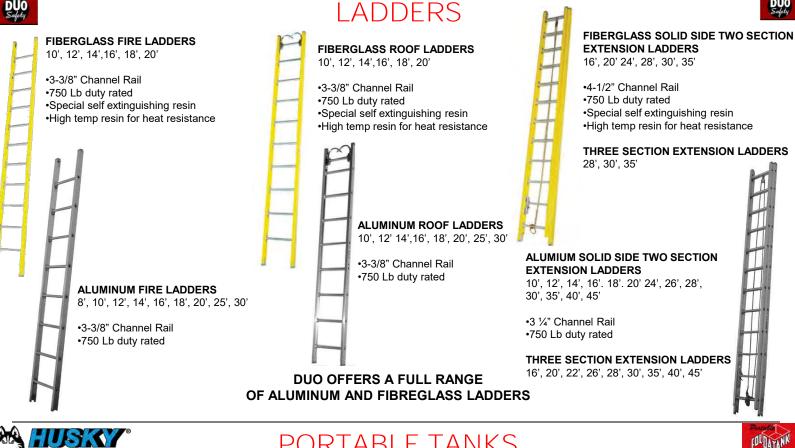


DASHBOARD COMMANDER





CUSTOM LAYOUTS AVAILABLE Call us at (800) 265-0182 or email us at: info@cdnsafety.com for a quote or more information







Portable Containment







Portable Containment has risen to be one of the top portable containment manufacturers in the world. We have achieved this by focusing on our goal: to make the most durable, and the most convenient. portable containment products on the market. Period. We work hard to create the most durable tanks on the market, meaning you have a product you have to replace less often (or not at all!), which means you save money. design works Our team constantly to ensure that **HUSKY** is ahead of the curve when it comes to innovations.

Over the last few years, HUSKY



Fol-Da-Tank® Company patented the first folding tank in 1954 and introduced it to the Fire Service where it was quickly embraced. The Company designs and manufactures tanks in 9 standard sizes with steel or aluminum frames available. Self-supporting tanks are another fast growing product with sizes from 500 to 20,000 gallons.

Other products include Floating and Low Level Strainers, Supply Line Holders. Clapper valves, Triage Tarps and Secondary Containment Berms. All Fol-Da-Tanks products are manufactured at their facility Illinois from American in made fabrics and metals.



Call us at (800) 265-0182 or email us at: info@cdnsafety.com for a quote or more information

50



THERMAL IMAGING CAMERAS



Heritage The ARGUS engineers developed the first ever hand-held thermal imager for firefighting over 35 years ago. Having been developed for firefighting in the UK, the camera was adopted by UK Naval firefighting personnel; its purpose was to allow users to navigate through smoke filled compartments on naval vessels. These were the first commercial handheld thermal imaging cameras ever used by US firefighters too.

Safety Through Innovation ARGUS engineers haven't stopped innovating since. Today the argus range of thermal imaging cameras are the lightest and smallest NFPA1801:2021 compliant cameras available. Whether it's the safest battery technology, unmistakable application of colors or the highest available dynamic temperature range, **ARGUS** innovations are always specifically designed with firefighter safety in mind.

Market Leaders Avon Protection are the leading provider of thermal imagers in Europe, with growing share in North America and Asia. Manufacturing Capabilities All of the ARGUS range of thermal imaging cameras are manufactured in the United Kingdom, where they are subjected to the strictest quality processes.

APPROVED TO THE NEW



2018:2021 NFPA STANDARDS



After identifying new improvement opportunities, we have redesigned the core components of the Mi-TIC's. Introducing a new sensor and lens to all cameras in the argus Mi-TIC range, Avon Protection now offers the most advanced firefighting TIC's on the market. The new suite of upgrades improves the image quality, providing enhanced levels of background detail and the clearest and safest view of a scene, optimized for use in the presence of a large fire.



PERSONAL THERMAL IMAGING CAMERAS



Seek **AttackPRO**[™] is the decisionmaking weapon of choice for captains and commanding officers. Designed for simplicity and durability, AttackPRO is built to withstand drops and extreme temperatures. Find the seat of the fire, direct primary search crews, and effectively attack the fire with enhanced clarity and detailed colorization.



Reveal FirePRO X is our most advanced handheld thermal imaging camera yet. Highly durable and easy to use, Reveal FirePRO X combines a high-performance 320 x 240 thermal sensor with intuitive software to help you fight fires smarter and safer. And, when you need it, a powerful 300lumen LED light is available at the touch of a button. Get simplified charging and resistance to the elements with a sealed magnetic charge port. The Reveal FirePRO X delivers unprecedented highresolution thermal imaging available at an affordable price. NEW 4 UNIT BANK **MAGNETIC CHARGER** now available for the FirePRO X.



NEW Seek FirePro300

Handheld TIC with superior picture and a 6 hour battery







SMOKE MACHINE





The SHADOW and Tempest Lines of SMOKE MACHINES from TEMPEST Technology.

The **LEADER SMOKE** and **TEMPEST Dusk** portable smoke generators can produce dense and realistic smoke creating ideal circumstances for training in safe conditions! They respond perfectly to different firefighting training requirements by filling small and **large rooms in a few seconds**! GENUINE TECHNICAL BENEFITS:

Portable smoke machines create dense and continued smoke without the need for interruptions to reheat the machine. The flow can be adjusted for light or dense smoke. All smoke generators use water and glycol-based fluid, providing a **safe and non-toxic smoke**.

The 2 Leader SMOKE smoke generators in the range are equipped with an adjustable and robust remote control allowing remote triggering of smoke emission for more versatile use. This allows the distribution to be programmed by choosing the smoke emission time and required volume.

SMOKE FLUID - AN ESSENTIAL EXTRA:

The Leader SMOKE fluid, an essential extra for training, creates dense smoke with high suspension time. Water and glycol based, the smoke produced is safe, environmentally friendly and non-toxic. The fluid is non-toxic, economical and (when used correctly) does not leave any residue. **VARIOUS USAGE POSSIBILITIES:**

The versatile Leader SMOKE and TEMPEST Dusk range is used for firefighting training session, evacuation training and smoke extraction tests during PPV (positive pressure ventilation) exercises. These portable smoke generators are also used for pipe seal tests, etc.



Entry level unit designed for simplicity and performance smoke output; at a very competitive price. Ideal for Fire Prevention/Education, School Presentations, Smoke Trailers, Small Group Fire Training, Single-Room Training Scenarios.



With its 2100 W, Leader SMOKE 5 is able to generate a large amount of smoke in a short time. It is perfect for training in large volumes. For some very large volumes, it is even better to use multiple Leader SMOKE 5 rather than just one more powerful machine. The distribution system of Leader SMOKE 5 will allow a faster and more homogeneous smoke.

We stock liquid smoke. Contact us for price and availability





Leader SMOKE 3 1200W generates dense, realistic smoke and is the perfect tool for evacuation drills and completely safe training. A removable and digital remote control allows to measure the volume of smoke required for each scenario and to adjust smoke emissions time length and interval.

The robust and compact design makes it the ideal tool for creating different exercise scenarios.









18" Fan Variable speed 25 gal tank with Direct hose hookup

MISTING FANS FIREFIGHTER REHAB - HAZMAT - SAR - SPORTS



Since 1997, Maxxair has shaped the Misting Industry with six state-of-the-art patents. The perfect combination of design, form and function best describes the 360 Series of misting fans. Basically, we added everything our customers wanted in a system and made it work perfectly. With an annual sales growth that has been "off the charts", Maxxair has quickly reclaimed the position as being the largest fan manufacturer in the US.

The Cool Draft brand and reputation are second to none. Our fans are built to the highest standards in the industry using only the best components. Each, and every, customer is important to us, and our customer service means getting what you need quickly, getting straight answers and being available!

Husqvarna





Years of focused research and development have led to many of breakthrough technologies. our Husqvarna's Low Vib® anti-vibration dampeners absorb vibration, reducing the impact on your arms and hands creating а more comfortable chainsaw experience. The combined choke/stop control will make your chain saw easier to start and prevents it from flooding. Our Air Injection™ centrifugal air cleaning system reduces wear and your operating time extends between filter cleanings. One of our newest safety features is the TrioBrake™, a unique way of stopping the chain rapidly. This not only improves your safety, but also your technique and ergonomics.

AutoTune

AutoTune gives optimal engine performance throughout automatic enaine settina.

No time spent on carburetor adjustments. It compensates for different fuels, altitude, humidity, temperature and clogged air filter.

NEW battery operated lightweight high performance rear handle chain saw



Protecting the environment is our priority and mutual concern. Together we have the power to minimize our the strain on environment.

Husqvarna Chainsaws are all equipped with the unique X-TORQ® engine which makes them less fuel consuming and reduces the exhaust emission levels in accordance with the world's most stringent emissions regulations. Our development never stops. We continually review and improve our line-up to ensure we're delivering the most efficient chainsaws on the market

TRUENORTH

NOMAD



Husqvarna



The VentMaster line of chain saws feature the Husqvarna Pro 575XT Power Head, the most advanced power head available for fire service operation.

The Husqvarna Pro 575XT is the most advanced power head available for fire service operation. With higher peak power and 20% more torque, the 575XT provides maximum cutting power over a longer range while improving productivity. The new One Step Starting, which combines the choke, throttle lock and stop mechanism all in one switch, eliminates flooding and allows fast convenient starting. The Raptor Carbide tipped chain was engineered to withstand the rigors of fire service operation. The Raptor cuts quicker and lasts longer than bullet chain or single raker carbide chain. tempest has combined the 575 X-TORQ and the Raptor Carbide Chain to provide you with a winning combination: faster cuts, higher peak power, less maintenance and improved user productivity.



The 3120K Cutoff Saw - This 119cc saw is one of the most powerful handheld power cutters. The 3120K has a rugged and powerful engine that can handle deep cutting applications with blade diameters up to 16". 75 and 96 cc models available

VentMaster® Fire rescue saws deliver the absolute best in cutting performance, built specifically for the fire service. This high power battery cutter has the power and performance you expect from equivalent gas-powered cutters. Ergonomic and user-friendly with low vibrations, optimally balanced machine and zero direct emissions. Powered by Husqvarna PACE battery system with high power and fast charging for impressive productivity and a well-suited match with our specially designed battery blade range for maximized cutting depth and optimized performance.



CHAINSAW PACK



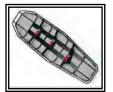
Finally, a pack for carrying chainsaws that incorporates True North's patented load-trapping suspension. This unique design holds the saw in next to your center of gravity and prevents it from

bouncing or swinging as you move over rough terrain. Load or unload a saw in seconds: drop the power head into the carrier, attach the bar with one buckle and go. Pack comes with three drawstring pockets for fuel, water, and other essentials; a Next Generation fire shelter case; and an axe scabbard. Modular design allows you to position pouches anywhere along the belt or back of the saw carrier. Other features include ultra thick dual-density foam waist belt and harness, and a leather shoulder pad to protect the harness when carrying the saw on your shoulder. Accommodates wrap around handle bars as well as top and side handle bars.



STRETCHERS





Tapered Gazelle Steel Basket Stretcher



MILLENIUM BACKBOARDS



Titan Series Rescue Stretchers - Tapered





eel Confined Space Gazelle Steel Basket Stretcher

Traverse Rescue Stretcher

53

Bugaboo Rescue Stretcher



Model 71-S Two-Piece Basket Stretcher



Flotation Collar

Made

in CANADA

SKED Rescue System

Compact storage, ease of use, and flexibility in means of transport have made the SKED Stretcher popular with fire departments, rescue squads, the military, and ski patrols. Made from a heavy sheet of plastic, the stretcher becomes

rigid when folded around your patient. A variety of handles and straps allows the stretcher to be transported by carrying, lifting (vertically or horizontally) by rope systems or helicopter, or towed with the stretcher sliding on the smooth bottom surface. Made in USA.

International Stretcher Systems (ISS) was established in1983 and is 100% Canadian. ISS is the largest supplier of stretchers and rescue systems in Canada.

Our unique Yellow Jacket Basket Litter is currently used by most high angle rescue teams, fire departments, and industries across Canada and the United States. The Yellow Jacket Basket Litter meets U.S. military specs and is the approved rescue method for leaders in the rescue training field around the world.

The International Stretcher Systems Yellow Jacket Basket Litter offers a rugged lightweight aluminum frame, protective outer shell, suspended internal bed, four adjustable lifting slings and many other features. The unit has a low center of gravity because the bed is secured to the lower part of the frame. This provides greater security and protection for the patient. The bed itself is attached to the frame by buckles and heavy duty springs providing a fully suspended bed. Shocks are largely absorbed due to the suspension and principle of design, allowing transmission of impact to the patient to be minimized. The Yellow Jacket Basket Litter is load tested to U.S. Military specifications. It supports over 2,500 pounds (or 1,120 kgs.). They also further tested the basket to destruction, which was 9,750 pounds (almost 5 tons!).









This stretcher and its accessories are unmatched in their versatility for High Angle, Mine, Industrial, Rough Terrain, Water, Water Craft and Ice Rescue. When secured, the patient may be moved in any position (vertically, horizontally, on the side, or even upside down) in complete safety and without additional trauma, greatly simplifying evacuation over obstacles. The design offers a simple standardized method for immobilizing and transporting virtually all types of casualty over any terrain. This task may be performed in complete darkness, if necessary, in about 2 minutes and requires little training. This system is both patient and rescuer friendly.

SAVOX SEARCH SYSTEMS

SAVOX

Savox Search and Rescue product line is designed for saving lives after disasters. The equipment is designed for urban search and rescue operations and communication when human entry is impossible. The SAVOX USAR equipment

have been field proven and used by rescue teams around the globe.

The **SearchCam 3000** is designed to locate victims trapped in collapsed buildings, under water inspections, and many others. Its articulating waterproof camera head with LED lighting helps pinpoint the victims location so rescuers can extract them. The SearchCam's on-screen graphics help direct rescue teams to victim locations and how to begin extraction. The two-way audio allows rescuers to communicate directly with victims. Rescuers can record audio and video, as well as take still photos during the search.

The **Hasty Search Kit[™]** has been specifically configured for urban search and rescue teams, "enhanced" rescue squads, regional task forces and SUSAR teams who are seeking a high quality, easy to use, cost effective, all-in-one technical search system for their standard equipment cache. The Hasty Search Kit[™] comes complete in one easy to store case and is designed to be both easily transportable and rapidly deployable anywhere disaster strikes.

The kit includes the Delsar® LifeDetector® Mini system that provides seismic detection of victims and the all new SearchCam Recon III for visual search and location operations.

The equipment contained in the Hasty Search Kit[™] is cross compatible with other members of our rescue product family. SearchCam 3000[™], and Delsar® LD3 LifeDetector®. Batteries and chargers are completely interchangeable to assist with logistical issues such as battery management during full scale deployments or events.

The **Savox Disaster Deployment Kit** is a real all-in-one search and rescue toolbox for professional search and rescue teams. It provides tools for visual victim search and locating, as well as life detection by means of seismic and acoustic sensors. With this kit you"ll stand prepared for the victim search, detection, and locating tasks.

The kit has been specifically configured for easy procurement, deployment and storage in mind. It"s a perfect choice for urban search and rescue teams, enhanced rescue squads, regional task forces, FEMA and SUSAR teams who are seeking the highest quality, easy to use, cost effective, all-in-one technical search system for their standard equipment cache. The Disaster Deployment Kit comes complete in a single storage case and is designed to be both easily transportable and rapidly deployable anywhere disaster strikes.

The kit includes the full six-sensor Delsar® LifeDetector® System that provides seismic detection of victims, and the high-end SearchCam 3000. SearchCam comes with the long tube set and the extension tube that allow for reach of up to 223 inch (566 cm). Alternatively the camera can be used without the tube set, and lowered to a cavity using the supplied rope accessory kit. The camera head is water tight up to 75 feet (23 m) depth. Delsar Victim Simulator is included for efficient training of the LifeDetector®

Con-Space Hardline Rescue Kit 5 with Power Talk Box - Suitable for Six Rescuers

Savox Con-Space Hardline Rescue Kit 5 with Power Talk Box is designed for: Confined space rescue, Collapse rescue, Urban search and rescue and High angle rescue. It enables simultaneous, two-way voice communications between the rescuers and the victim. Rescuers use it where traditional radios fail or when hands-free, secured communications are required.

Attendants communicate with entrants and monitor their safety. The backup team can also listen to the entrants' rescue and be ready to relieve them. The Rescue Kit 5 with Power Talk Box comes with an additional operator headset. The power talk box is a portable intercom system that is dropped down the hole before entry to determine a victim's condition.

Con-Space Hardline USAR Task Force Kit - a Two-Way Voice Communication and Rescue System

Used by FEMA, USAR, SUSAR and teams throughout North America, Savox Con-Space USAR Task Force Kit is a multipurpose, multi-user Hardline communication system designed for: Confined space rescue, Collapse structure rescue, Trench rescue, Mine rescue, High angle rescue, Shoring & tunneling and Victim location. This comprehensive kit can be configured according to the type of rescue required. The USAR Task Force Kit provides hands-free, full duplex (simultaneous two-way) private communication between the victim and the rescuers.

Additional kit on page 77



Battery Charge



ClearSearch VDU





HELMET CRESTS



Golfire has been producing shields for number of years and has become a leader in the industry for its hand crafted leather helmet fronts. We offer the largest variety of designs and colors.

Our shields are handcrafted from three layers of 100% leather. Included is a heavier than normal stitch, reflective panels and a metal backer bar. We have no limits on number of characters along with unlimited leather, rocker and lettering colors! Production time is approximately three to four weeks!







AGO MANUFACTURES A COMPLETE RANGE OF HI-VIZ SAFETY WEAR TEAR-A-WAY FLAGGERS TEAR-A POLY MESH POLY SAFETY TEAR-A-WAY SAFE



FLAGGERS MESH TEAR-A-WAY VEST



FIRE-RESCU

EMT COVERALLS



AGO has been manufacturing industrial safety clothing, for industries and electrical utilities across Canada at its state-of-the-art London Ontario facility for over 35 years. Additional product lines include high visibility traffic safety clothing, flame resistant workwear, aluminized heat reflective garments and a complete line of welding curtains, blankets and industrial fabrics. AGO is committed to providing exceptional value through superior quality, continuous improvement, innovation and prompt, courteous and professional customer service.





 PROTECTIVE WEAR, INC.

 Image: Second second

Lakeland Industries Inc. is a multidivisional, publicly-held producer of quality, high-performance protective garments for industry in both domestic and worldwide markets.

Lakeland's protective clothing products are proven on-the-job every day, and are specified routinely for workers in the chemical petrochemical, healthcare, automotive, glass, cement and other industries in which hazardous materials must be handled. These reliable and, therefore, popular lines are widely diversified, yet stand prominently on the common foundation of quality for which the Company is well-known and respected, and to which it continues to pledge its efforts





Main Compartment: 18" x 17" x 16" Overall Dimensions: 29" x 17" x 16"

6565051P



Main Compartment: 18" x 17" x 16" Overall Dimensions: 29" x 17" x 16"

GEAR BAGS



Main Compartment: 18" x 17" x 16" Overall Dimensions: 29" x 17" x 16"



Main Compartment: 18" x 17" x 16" Overall Dimensions: 29" x 17" x 16"



FIREFLY™ MEDIC GEAR BAG

For use as a replacement or to add on to the Firefly pack. Our load swallowing 2200 cu in gear bag, means you can take it all with you when you're working the line.



THESE ARE JUST A FEW OF THE DOZENS OF GEAR BAGS AVAILABLE FROM OK1 AND LIGHTNING-X





LXFB10-WV



LXRB40



LFXB10



LFXB10-DC



MANIKINS



Ruth Lee is a world-leading provider of life-like manikins and training aids to rescue training experts worldwide: Fire & Rescue Services, Paramedics, Ministry of Defense, Airports, National Lifeboat Institutions & Coastguards, Offshore operators and a multitude of International Search & Rescue organizations.

We have been manufacturing rescue training manikins for a quarter of a century and specialize in bringing training to life; making it as realistic as it can be. Our experience and knowledge is unrivalled, and we are today recognized as the clear market leader within the UK, Europe and North America.





MANIKINS



RANDY 9000

This brand new manikin is designed to be customized by the user for optimal training use. The manikin is made from rugged polyethylene parts (PE; the same material out of which backboards are molded) that allow for the addition of varying amounts of weight to each of the pieces. You may add water, sand, or any other substance as long as you can empty the substance out of the parts. The empty manikin is easily moved and stored when training is completed. This custom-molded construction ensures constant size from one manikin to the next and allows the utilization of Randy 9000 in every environment imaginable. Each sealed piece is assembled with stainless steel hardware. The range of motion of the joints, including bending at the waist, mimics real life. Randy 9000 is perfect for RIT or Combat Challenge as well as ship-board, heavyweight, horizontal rescues or lightweight packaging exercises like spinal immobilization

Randy 9000 may be used in all weather conditions and the joint design protects rescuers' fingers. Each manikin component is easy to replace. Watch for options to be released during the coming year. Included in these options will be thermal imaging-capable pieces.



Inexpensive rescue dummy. Fill with sand/straw













ENMET Corporation manufactures a wide range of Stationary gas detectors for every Industrial and Municipal application. If something to monitor your particular gas is not shown, give us a call.



Stationary Carbon Monoxide Monitor for parking Garages.



Stationary Carbon Dioxide Monitor



Remote Explosion proof Combustible Gas Sensor



Breathing Air Filtration Panel with Carbon Monoxide Monitor



COMPRESSED AIR FILTERS AND MONITORS

When using a compressor to provide air to remote breathing air systems or to fill breathing air bottles, such as SCBA it is imperative that you monitor the air to the CSA standards. Generally speaking as long as your intake air Is from a clean location your Oxygen levels will be satisfactory (20.9%/Vol). However if your compressor is oil based (as most are) and you get a little leakage with some overheating you will get CO (carbon Monoxide). CO has no odour and is known as the "Silent Killer". Therefore monitoring your breathing air for CO is a priority.

AIR GUARD



When using a compressor to provide air to remote breathing air systems such as Self Contained Breathing Apparatus or Type "E" airline respirators it is imperative that you filter the air for oil/water, low level hydrocarbons and particulates. There are systems available that can be permanently mounted or portable that can be combined with a CO or CO and O₂ monitor to ensure the quality of your air.

PERMANENT AIR FILTER PANEL





Fire detector test and service equipment must be safe both for engineer and system. As a minimum it must comply with international codes and standards and be approved / endorsed by detector manufacturers and third party listing agencies but it also needs to be cost-effective, portable and versatile. The Solo range meets and exceeds all of these requirements and more.

Testifire 1851 Smoke and Heat Detector Testing Kit



Solo 461 Cordless Heat Detector Tester (battery powered)

Using the unique IR activation and Cross Air Technology, the Solo 460 heat generation process takes place only when the detector under test is within the cup with hot air blown horizontally in a focussed beam directly toward the sensor for optimum energy use and results. Interchangeable NiMH battery batons and a fast battery recharger enable testing all day with a cable free professional device.







VIDEO INSPECTION CAMERA

Aqua SnakeEye III Color Video Inspection Camera System

SnakeEye is a low-cost hand held remote video inspection system. Lightweight, modular and portable, SnakeEye "lets your eyes travel where you can't." Combining a CCD camera and TFT-LCD display technology, SnakeEye delivers crystal-clear, full color video at a fraction of the price of current remote video inspection systems.

SnakeEye is modular in design so that it can be easily configured to inspect ... behind walls, inside ceilings, in and around pipes and machinery, under vehicles and aircraft, inside engine compartments, behind computer equipment, underneath automobile dashboards .the possible uses are endless. SnakeEye is ideal for quick, non-destructive, qualitative inspections in hard-to-reach places.

SnakeEye achieves its versatility with an interchangeable camera head that can be attached to a rigid wand, a ring finger attachment or extendible cables. SnakeEye comes equipped with a full range of accessories and also has plug-in capabilities, one of which allows the user to connect to a standard VCR, a computer or a handycam to record and playback images.

SnakeEye is designed to function in harsh industrial and commercial environments and is constructed of high impact, heavy duty plastic that can withstand shock and vibration. SnakeEye resists water, dust, and dirt particles and can also be used where grease and non-solvent based chemicals are present.

Standard Equipment Includes:

•5" (12.7 cm) Color Display
•LED Camera
•Rigid Wand Adapter
•Finger Adapter
•4' (1.2 m) Cable
•NiMH Batteries (2)
•Battery Charger
•AC Adapter
•DC Auto Adapter
•Carrying Case















CL2 AND NH3 SPILL KITS



The US DOT has approved the shipment of leaking cylinders & ton containers, under stated circumstances, without a DOT exemption when contained within a recovery vessel or emergency kit manufactured to the design specs. of the Chlorine Institute. DOT REGULATION WARNING: ONLY KITS FROM INDIAN SPRINGS ARE MFG. TO CHLORINE INSTITUTE SPECIFICATIONS

CHLORINE INSTITUTE EMERGENCY KIT "A"

Kit "A" includes devices and tools to contain leaks in and around the cylinder valve and in the side wall of chlorine cylinders, US DOT #3A480 & 3AA480. Note: The Chlorine Institute Emergency Kit "A" is the only chlorine emergency kit for chlorine cylinders that is manufactured to the design specifications of the Chlorine Institute.





CHLORINE INSTITUTE EMERGENCY KIT "B"

<u>Kit "B" includes</u> devices and tools to contain leaks in and around the ton container valves and in the side wall of ton containers, US DOT# 106A500X. All items are labeled with a part number, color coded yellow and are stored inside a durable polyethylene tool box.

Note: The Chlorine Institute Emergency Kit "B" is the only chlorine emergency kit for ton containers that is manufactured to the specifications of The Chlorine Institute.

CHLORINE INSTITUTE EMERGENCY KIT "C"

Kit "C" includes devices and tools to contain leaks in and around the pressure relief device and angle valves of tank cars,DOT 105J500W, cargo tanks, MC331, & portable tanks, DOT 51. All items are labeled with a part number, color coded green and are stored inside a durable polyethylene kit box. *Note: The Chlorine Institute Emergency Kit "C" is the only chlorine emergency kit for chlorine tank cars/trucks that is manufactured to Chlorine Institute specifications.*

NEXT GENERATION RAILCAR NOTICE: The Chlorine Institute Emergency Kit "C" will fit the Next Generation Railcar

KIT-NH

For Ammonia Cylinders, Kit Weight: 109# (49.5kg) gross, 99# (44.5kg) net Size: 13-1/2" W x 14" H x 35" L Size (packed): 14" x 16" 36" (4.6 cu ft) Features Exclusive to the Ammonia Kit:

Hood 1ANH -Ammonia steel outlet valve 1EPR Gasket -Molded EPDM Hood Gasket 8DNH Patch - Formed with a larger sealing radius to match ammonia cylinders 8-9EP Gasket - Molded EPDM Patch Gasket 102NH Wrench - Open-end wrench to fit ammonia cylinders A-9NH Valve Yoke - Standard valve yoke for ammonia cylinder use A-10NH Valve Adapter - Standard valve adapter for ammonia cylinder use All parts are labeled with ammonia part numbers and color-coded blue









EMERGENCY FLARES

FIRE



 Intrinsically safe No fire hazard No waste No toxic smoke No debris Cost effective

TRANSPORTATION



POLICE





EFLARE FIRST REPONDER KIT



Kits can include: 4 or 6 Eflares 4 or 6 Bases 1 Storage Bag Single or dual colour







Hare UB290



RED/WHITE RED/AMBER AMBER/WHITE **BLUE/WHITE GREEN/WHITE RED/GREEN**





UB-290

STEADY ON or FLASHING

SWITCH SELECTABLE

•BLUE

GREEN

•RED

•AMBER

•WHITE



MAGNETIC BASE



APPLICATIONS FIRE TRANSPORTATION **EMS MILITARY** POLICE



NEW PERSONAL MINI BEACON



CLIP



CONE

MOUNT









Shutgun stats off fire sprinklers fast

ELECTRIC CURRENT DETECTORS



The **AC HotStick** is a safety device designed for professional rescuers which provides warning of exposed high voltage AC from a safe distance. The AC HotStick will give early audible ("beeping") and visual (flashing LED) warning of the presence of dangerous voltages without the need to contact the surface carrying the current. The closer the user comes to the source of the voltage, the more rapidly the unit beeps and flashes.

The tool has found many applications, especially with first responders, fire, police, and EMT's responding to vehicular accidents; with search and rescue operations in urban and rural settings; and with clean up crews working on downed trees after wind and ice storms. However, industrial users, and anybody else who may unknowingly be exposed to the dangers of electrical shock and electrocution, will find the AC HotStick a necessity. It is simple to use and is well constructed. It comes with a built-in self test so there is never any doubt about it functioning properly. It has also gained numerous functionality improvements through years of customer feedback. All of these things have made the AC HotStick an invaluable safety tool with a devoted following.

•CONFIRM power shutdown, lockout, tag out, disconnects.

- FIND hidden sources of dangerous AC from a safe distance without making physical contact.
- •DETECT power line back feeds from motor generators and energized pools of water.
- •ENSURE a safe environment for your vehicular rescue.
- •PROTECT the life of your first responders. Give him this safe and simple to use tool.
- •CHECK IT trust is good checking is better.



SPRINKLER SHUT OFF TOOL

Shutgun shuts off fire sprinklers foot

UNIQUE NEW CANADIAN INVENTION SHUTS OFF ACTIVATED SPRINKLERS FAST AND EASILY, DRAMATICALLY REDUCING COSTLY WATER DAMAGE. BUILT-IN FUSIBLE LINK WILL ALLOW THE SPRINKLER TO RE-ACTIVATE IF A REKINDLE SHOULD OCCUR. A MUST FOR EVERY FIRE TRUCK AND BUILDINGS WITH SPRINKLER SYSTEMS



GRACE INDUSTRIES, INC.

ARSON INVESTIGATION TOOL

The **Model 950-ASH** is used for the detection of hydrocarbons, accelerants, petroleum volatiles, and various gases. This instrument is battery powered and designed to be rugged. The 950-ASH is used as a general purpose hydrocarbon gas detector for applications including gas leak detection, landfill outgassing, leaking storage tanks and many others. Model 950-ASH features an array of illuminating ultraviolet and white LEDs to assist the investigator in locating accelerants or other evidence in situations where visibility is low and detection areas become visibly difficult. Other beneficial features include a mute function to silence the audible detection sounds for discreet investigation and a purge feature for rapid sensor recovery from encountering high concentrations.



AUTO EXTRICATION TOOLS





ALR BAGS



MatJack is an industry-leading custom manufacturer of air lifting bags and cushions. Throughout their 40 years in business, they've established a reputation for quality products and superior services. Customers across the globe know they can rely on Matjack to meet their air lifting needs.

HIGH-PRESSURE AIR LIFTING BAGS AT MATJACK

Their high-pressure air lifting bags are designed to lift and move up to 86 tons at a touch of a button with an initial clearance of only 1 inch. They are made with four full layers of aramid fiber per side. This unique construction makes them a strong but lightweight lifting solution for some of the most rugged, demanding, and heavy-duty applications. They can be used in adverse environments, such as sharp gravel, muddy banks, wet

grass, and icy ground.



Matjack low pressure lifting cushions require only 1-3 inches clearance and can lift several tons at the push of a button. Matjack Low Pressure Air Bags are constructed to stand up to abrasion, puncture, tear and resist many gasses and chemicals, both petroleum and water based.

Matjack Low Pressure Air Bags are used in a variety of industries :

- •Fire Rescue
- Aero Space
- Military
- Towing and Recovery
- Airplanes
- Construction







MatJack underwater lifting bags were introduced back in 2004. Underwater lift bags come in lots of shapes and configurations to meet all your floatation needs whether it is in shallow streams or ocean depths.









CRIB KITS



BASK and Quick Response Kits

Our Basic Auto Stabilization Kits and Quick Response Kits were developed for first responders, such as EMS, sheriff, state highway patrol, and local police officers. These first responder stabilization tool kits are portable with a convenient carry bag that fits into car trunks and smaller apparatus cabinets. Pictured above is the QR-2 Kit.



USAR Kits

Our Urban Search and Rescue Kits have been upgraded to include rescue cribbing components required for during stabilization disaster relief and recovery Easily transportable; kits fit into trunks and smaller apparatus compartments. Pictured below is BASK 1



Our Rescue cushions are designed to be used in conjunction with a compressed air cylinder, which allows them to recover their shape in seconds. Our rescue cushions come in two sizes, for jumping heights of up to 16m (CUS160) and 23m (CUS200). The first one takes about 30 seconds to deploy, the larger one can be installed within one minute.

- Easily inflatable/deflatable
- Sets up in 30 seconds
- Uses SCBA cylinder
- Re-erects in 3 seconds
- Lightweight 45 kg
- •12' square x 6' high
- No electricity required
- •Good for up to 6 story jump
- Easily moved to new location









Protect firefighters from the hazard of protruding ground ladders ends at the rear of apparatus with the original ladder end cover.

Ground ladder ends that protrude from the rear of the apparatus are often the cause of nasty head bumps. A SkullSaver ground ladder end cover can help reduce injury caused by this type of accident. The thickly padded inner lining and bright yellow outer shell combine to create a safer environment for firefighting personnel.



MANSAVER Safety Bars

The ManSaver[™] is a safety bar that can be mounted across walk-through openings on pumpers or on the turntable of aerial devices to help prevent an accidental fall. The ManSaver™ is spring loaded so that it always returns to a horizontal position. There are no hooks to latch or harnesses to buckle.

This clever design helps insure that the walk-through will always be protected as firefighters do not have to waste time closing or latching anything behind them. To enter, push the ManSaver[™] in or up. To exit, simply lift it and leave.

MANSAVE





TENTS/SHELTERS



Since 1963, Pelsue has been enabling safe and productive work environments throughout the world. With a strong tradition of service, quality, and value, Pelsue is an industry leader in the design and manufacture of customized solutions for telecommunications, utilities, and other industries. Pelsue is ISO 9001:2015 certified and has two facilities in Colorado, where all products are engineered and manufactured.

Our tents feature one-piece construction, no loose parts, and "instant set-up" design. Available in many styles, sizes, and shapes. Models available including; ground tents, manhole tents, trench tents, fiber optic tents, emergency-use tents, cabinet-mount & freestanding shelters and work umbrellas.

Pelsue ground tents have been used for over 40 years in various locations around the world. They are used in many diverse applications, including shelter in inclement weather, as well as for rehab & command posts of emergency responders.

All Pelsue Ground Tents Feature:



Call us at (800) 265-0182 or email us at: info@cdnsafety.com for a quote or more information

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REMOTE AIR SUPPLY SYSTEMS



It is important to ensure that the air that you are providing to your Airline Respirators is clean and safe. The safest method is to use bottled air. Some of the systems available from some of the top manufacturers such as **INTERSPIRO** and **AIR SYSTEMS** are shown below.

AIR RESCUE CART

•NIOSH approved •Accepts 2 cylinders •2216 psi or 4500 psi •Easily transportable •Manual pressure adj. •Accepts any make of cylinder







MACK3 Portable NFPA approved Air supply system



ERGO-AIR® Cart System

Air Systems' innovative air cylinder cart has been ergonomically designed to help prevent back injuries and facilitate mobility. The Ergo-Air® Cart features one-hand operation during raising or lowering of the air control panel and cylinders.

No back strain is placed on the operator during pushing or pulling the cart. The basic cart design comes standard with Air Systems' unique air control panel and cart assembly. Several hose reel options are available to meet particular job applications. Cylinders, breathing air hose and reel are ordered separately.



The **Twin-Air™** compressor system has been designed to provide Grade-D breathing air to 3 workers wearing pressure demand respirators. The TA-3 has twin ASME receiver tanks that act as the mounting frame for the compressor. The use of the receiver tanks provides air that has been cooled to within 10 degrees of the ambient temperature.

We've added pneumatic tires for ease of mobility in rough terrain and a bottom skid plate for going up or down stairs. This plate becomes the frame for the addition of a reserve air cylinder on the model TA-3EA. This compressor is <u>not</u> designed for use with constant flow respirators or Vortex cooling tubes.



•NIOSH approved
•Uses "H" size cylinders
•2216 psi or 4500 psi
•Manual pressure adj.
•Accepts any make of cylinder



TRANSPORTABLE CONFINED SPACE ENTRY CART

30'W x 72'L x 48'H steel cart rated for 1200 lbs. with 10" semi-pneumatic tires, optional pneumatic tires 3-cabinet design, galvanized steel, with shelving: 2 ea.14" deep, 1 ea. 28" deep

Nylon bottle straps and steel safety chains for cylinder security

Combination "T" handle with "Pintle Hitch"

Articulating (steerable) front end

Top rubber mat with tie-downs for storing retrieval tripod Order cylinders, regulator/manifold assembly, separately Optional wheel chocks available Dim Weight 515 lbs.





Low Pressure Model BACB-196LP BREATHING AIR COOLER





BREATHING AIR SYSTEMS



AIR SYSTEMS INTERNATIONAL is an ISO 9001 manufacturer of safety equipment for Industrial, Construction, Government, Military Defense, Fire / Rescue, Hazmat & Emergency Response applications. We are totally committed to our customer's needs and special job applications. We have always taken great pride in being responsive to the environmental concerns of our equipment users. The products we manufacture have been developed out of a specific need or desire to perform work more safely and with greater productivity. We will always continue to respond to the demands and innovative ideas of our most valued asset... The Customer

The Breather Box®

High Performance Portable Grade-D Breathing Air Filtration System

The Breather Box® is a portable Grade-D filtration system designed to provide breathing air for a specific number of workers. The system filters incoming air from a compressor to provide respirator users with Grade-D quality air and monitors for CO and/or Oxygen. The first stage element filters bulk water and particulate and has an auto drain. The second stage coalescing filter eliminates atomized oils, mists, ultra-fine particulates, and has an auto drain. The third stage filter removes organic vapors and odors and has a manual drain. Filter change indicators are standard on all three stages of filtration. Filtration efficiency is 99.99% @ .01 micron. All Breather

Boxes® are designed to be used in the upright and closed position to prevent internal contamination. The standard carbon monoxide (CO) airline monitor operates on disposable 9-volt batteries, 8-16 volt DC, or 115 VAC for continuous air monitoring. An external audible alarm and light signals the workers of high CO content. A remote alarm jack is provided on all models except for Model BB15-CO. Point-of-Attachment (POA) boxes can extend respirator usage beyond 300 feet.



BB15-CO, BB30-CO, BB50-CO, BB100-CO

Breathing air system with 3 stage filtration, CO monitor and point of access

TYPICAL ELEMENTS OF A BREATHING AIR SYSTEM



Compressor/Bottled Air Grade-D Filtration



Respirator

The above pictured items make up a typical Grade-D breathing air system. Depending on the number of workers to be served by the system and whether the system needs to be portable or a fixed plant system, the size and complexity of the system may change. However, the basic elements above must be present. In order to properly size the breathing air system, it is absolutely essential that the user's first decision is to decide the type and quantity of airline respirator(s) to be used. A quick recap of the airline respirator types and their required flow and pressure requirements is essential. All airline respirators are referred to by NIOSH as Type-C or Type-CE respirators. NIOSH approved CE respirators are designed for abrasive blasting but still require the same air flow as Type-C respirators.



CONFINED SPACE VENTILATION



being applied. The filter will also reduce the potential for dust ignition in confined space when used with an explosion-proof or intrinsically safe blower. Filters are available with 5 micron of

99.97% HEPA rating.

Air Systems International is always committed to their valued customers' needs, special job requirements, and will respond to their safety and health concerns. The products they manufacture have been developed out of a specific need or desire to perform work more safely and with greater productivity. We will always continue to respond to the demands and innovative ideas of our most valued asset - OUR CUSTOMERS!







CONFINED SPACE VENTILATION





THE PELSUE 1325P COUPLED WITH THE AIRPAC15 (15') OR AIRPAC 25 (25') HOSE & CANISTER. NORTH AMERICA'S MOST POPULAR VENTILATION SYSTEM FOR CONFINED SPACE ENTRY 12VDC OR 120 VAC Since 1963 **Pelsue** has been enabling safe and productive work Environments throughout the world. With a strong tradition of service, quality and value, **Pelsue** is an industry leader in the design and manufacture of customized solutions for telecommunications, utilities and other industries.



MODEL 1000E EXPLOSIONPROOF CENTRIFUGAL VENTILATOR 120 VAC



MODEL 1000 CENTRIFUGAL VENTILATOR 120 VAC



MODEL 1450 GAS POWERED CENTRIFUGAL VENTILATOR



INSULATED, NON-INSULATED, AND NON-CONDUCTIVE HOSES



MODEL 1557 PROPANE FIRED RADIANT TENT HEATER



THE PELSUE 1325D VENTILATOR. CAN BE USED WITH A HOSE OR WITH THE 1690D HEATER



MODEL 1690D HEATER 120 VAC AND PROPANE. REQUIRES MODEL 1325D VENTILATOR



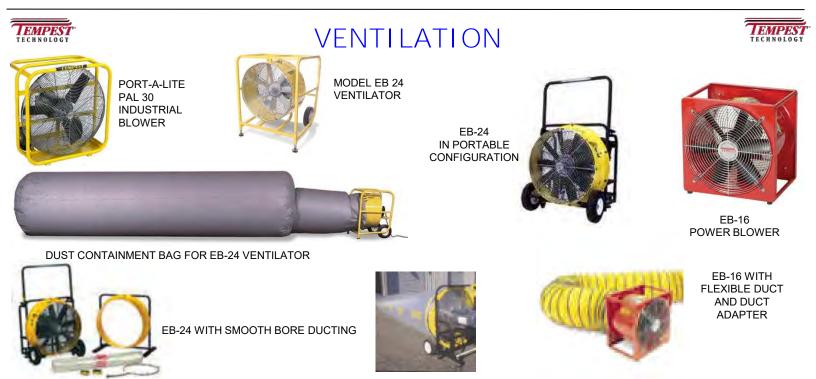
120 VAC PROPANE BOTTLE WARMER



SUCTION ADAPTER FOR 1325 SERIES OF BLOWERS



PELAIR 1.5 AND 2.0 PORTABLE AIR CONDITIONERS



MANHOLE EQUIPMENT



Pelsue has over 40 years of experience and a commitment to quality and customer service which have made us a trusted name when it comes to a manhole equipment. Our universally recognized Pelsue Manhole Shields, Manhole protection equipment and Manhole Guards set the standard for manhole safety. Our submersible pumps and safety lights are the perfect accessories to round out your manhole safety system.





Lightweight Aluminum Manhole Guards with shield clamps Steel Manhole Guard



The Pelsue Rescue Pole is designed for quick, non-entry rescues in confined spaces. It can be used for single person operation for distances of 5' up to 16' 9". The Rescue Pole is made of tough, durable fiberglass. The pole features a voltage rating of 100,000 volts per foot per 5 minutes.



Developed for 1" or 2" (2.5 or 5 cm.) conduit and up to 400' (122 m.). The MINI rodder combines light weight and portability along with high rod strength. Pulling strength is rated at 2200 lbs. (998 kg.) while 12" to 18" (30 to 45 cm.) radius bends are easily negotiated. Especially effective for placement of wire or cable in interior building conduit.

READY SERIES

2" 0.6 HP 60GPM

2" 1.15 HP 90GPM



2730-12A" Aluminum Manhole Barrier



The 120VAC Fluorescent Work Lamps are built to withstand drops and rough handling. With built-in reflectors to allow for shadow-less illumination, you can rely on these lamps to get the job done.

MINI – MIDI – MAXI DUCT RODDERS



Developed for 2" or 3" (5 or 7.6 cm.) conduit and up to 1000' (305 m.). The MIDI rodder combines mid-range lengths with high flexibility. Pulling strength is rated at 2800 lbs. (1270 kg.) while 18" to 24" (45 to 61 cm.) radius bends are easily negotiated. Especially effective in pulling electric cable, hoist rope, and midrange lengths of telecommunications cabling. M – marked in feet.



Shields are stackable

2730-8A" Aluminum Manhole Barriers Stacked

The 120VAC LED Work Lamps are rated up to 50,000 hours with energy efficient, bright light. With a durable build, these are a great product to rely on when you need to get the job done.



Developed for 3" (7.6 cm.) or larger conduit and up to 1200' (366 m.). The MAXI rodder combines long range lengths with high superior strength. Pulling strength is rated at 3300 lbs. (1496 kg.) while 24" to 30" (61 cm. to 76 cm.) radius bends are easily negotiated. Especially effective in pulling heavy electrical and telecommunications cable in long runs. This is a domestic rod not containing the same fiber ratio as other sizes. M – marked in feet.



PEL PROTECTOR Fits on Barrier





Manhole scaffold planks are constructed from strong hardwood with heavy-duty steel hardware and boltthrough construction. Safety latches are included on expandable units at both ends to prevent accidental opening.





U.S.SAWS MAGNETIC LID LIFTER THREE SIZES FOR WEIGHTS OF 330 – 450 – 660 POUNDS

SUBMERSIBLE PUMPS

PM SERIES 2" 0.5 HP 85GPM 2" 1.0 HP 95GPM

PF2000 2", 2 HP, 175GPM 3" 2.75 HP 300GPM

PCCE Series (Power-Flo) Centrifugal Pumps



PM-QP2TH

HONDA GAS 2" 4.6 HP 211GPM 3" 7.P HP 396GPM





Dräger

CONFINED SPACE GAS DETECTION





Xam-2500 Four sensor gas detector

The key to portable gas detection is the sensors. Not all instruments detect the same things so it is very important that you are aware of the gases you need to be concerned about and the capability of the instrument you are using.



X-am-5000

Smallest five

sensor

gas detector



detector tubes as well as calibration and bump testing equipment and software packages.

Xam-5600 Up to six sensor gas detector

With 70 years of experience, Draeger portable gas detectors offer precise, reliable and multifunctional measurement of harmful gases. The portable gas detectors are used for diverse applications like personal workplace monitoring, clearance measurement of confined spaces, leakage detection, area monitoring and many more. Their portfolio of handheld gas detectors contains single-gas and multi-gas detectors, gas



Xam-8000 Up to seven gases detected with sample pump





MODEL X-DOCK 5300/6300/6600

Automatic bump tests, calibration, reduced test gas consumption, short testing times, and comprehensive documentation come standard in this new device from Dräger, the experts in gas detection.





PAC-8000 Single sensor gas detector. 2 year life Serviceable.

The Draeger short-term detector tubes have proven to be a very cost-effective and reliable way to measure toxic gases and vapors in the workplace.



Dräger accuro

with one hand. The

detector pump allows

you to use tried and

tested Dräger tubes to

accuro

measurement

measurements

extreme

gas

Fast

take

under

conditions

Dräger

NEW

MODEL 5500 AREA MONITOR

Dräger's X-zone 5500 brings a safer, more effective way to monitor hazardous gases -reinventing area monitoring. In combination with the Dräger X-am® 5000, 5100, or 5600 detection instruments, the gas Хzone[®] 5500 can be used for the measurement of up to six gases and extends the range of your portable gas detection technology exponentially.



PAC-6000 Single sensor gas detector. 2 year life Disposable.



PAC-6500 Single sensor gas detector. 2 year life Serviceable.



For monitoring only one hazardous gas, single gas monitors are the right solution. You can easily carry the single gas monitors on your working clothes. Depending on the frequency of operations, you can choose of disposable and reusable single gas monitor devices. Disposable detectors measure standard gases which can also be detected by our reusable CO, H2S, SO2 or O2 detectors. Monitoring special or reactive gases is also possible, e.g. with an O3 detector. Furthermore, we offer you single gas detectors with hydrogen-compensated CO sensor or even a dual sensor measuring two gases at once.

DRAEGER QUALITY

Single Gas Detectors

In many industrial environments, workers need to be highly aware of exposure to toxic or combustible gases and vapours or a lack of oxygen. That's why portable gas detectors and analysers are essential - so they can detect, measure, monitor and react to any gases in the immediate area around them. Dräger offers both single- and multi-gas mobile gas monitors that reliably detect a wide range of gases. All of our portable gas detectors and software are designed to make compliance and asset management as intuitive as possible, so you can implement a complete product solution that helps ensure safety at all times.

SAVOX CONFINED SPACE COMMUNICATION

SAVOX IS AN INTERNATIONAL FIRM THAT HAS DEVELOPED AND MARKETS THE FINEST HARD WIRED COMMUNICATIONS SYSTEMS AVAILABLE (developed in Canada). THESE UNITS WERE DESIGNED FOR HAZMAT/DECON, LAW ENFORCEMENT/TACTICAL, URBAN SEARCH AND RESCUE AND FIRE GROUND COMMUNICATIONS.



Rescom manufactures a range of hard wired confined entry and rescue communications kits.

SAVOX EQUIPMENT

Multiple workers can be monitored at the same time by one attendant. Communication is accomplished through Rescoms communications cable or through their unique rescue rope that has the communications cable integrated into the rope.



The SAVOX Systems provide continuous 100% interference free communications between a worker and his attendant.

SAVOX

The SAVOX Communications systems are comprised of a headset worn by the attendant which is connected to a control console. The console accepts one worker or up to three (more with added modules). The 3 worker unit can have a separate audio alarm that can be activated by the worker in the event of a distress situation. At the end of up to 1500' of cable the worker can use a earphone/throat mic or in a non toxic environment. a hands free powered voice amplifier receiver.

Systems can be put together to suit your particular application or you can choose from a variety of kits available for all types of Industries. Some of those kits are shown below.

GRACE

WORKFORCE®

INDUSTRIES, INC. WORKSITE CONFINED SPACE PACKAGE

In applications where workers are entering confined spaces alone it is imperative that they have communications with their outside co-worker / supervisor. The GRACE WORKFORCE confined space safety package provides that additional protection.

Typically, the worker(s) wear the WORKFORCE 1 and when a worker becomes disabled and stops moving for a predetermined time (30-60-90-120 seconds) it then sends a signal to the matching WORKFORCE 2 worn by the supervisor/coworker on the outside as well as the GRACE WORKFORCE portable alarm unit. This device will activate an internal audio alarm as well as a top mounted strobe light.

The WORKFORCE 1 and 2 are rechargeable. This device also features a panic button that the wearer can use to immediately call for help regardless of the predetermined delay time.



This package is made up of the Portable WorkSite Alarm capable of monitoring all users having WorkForce® devices, the required numbers of WORKFORCE I units.. The Portable WorkSite Alarm monitors multiple WorkForce® users with a loud audible alarm of 110 dBA SPL and flashing strobe light.



AIR PURIFYING RESPIRATORS



SUNDSTROM cartridge respirators are far and above the most comfortable respirators on the market. In addition to the lowest breathing resistance, the SUNDSTROM respirators provide you with the lowest "cost to use" of any cartridge respirator. Their unique neck strap and cartridge stacking capabilities make them the leader in their field.



Full face mask SR 200 is intended for use wherever the same maximum safety and good breathing comfort are required as those for which our half masks have become acknowledged. The SR 200 is used with the same simple filter system as our half masks. It has two exhalation valves for minimum exhalation resistance, a facepiece of silicone and a quickly adjustable elastic strap head harness. Unique inlet air distribution ensures a very low inhalation resistance.



The SR 100 half mask is made of silicone and is available in three sizes, S/M, M/L and L/XL. The mask is equipped with two exhalation valves, which ensures very low exhalation resistance. Valve covers with baffles effectively protect the exhalation membrane against dust and paint mist.



The SR 900 half mask is made of thermoplastic elastomer (TPE) in three sizes, S/M/L. The mask is equipped with two exhalation valves, which ensures very low breathing resistance. This mask has a detachable cartridge holder allowing the mask to be used with a remote filter or PAPR.





STORAGE BOX



The SMALLTALK is a unique voice amplification system that works with both the SR100 and SR200 respirators. The STORAGE microphone connects through one of the POUCH exhalation valves To provide crystal clear voice amplification.

> The SR 64 short-duration protective hood fits Sundström half masks. Protects the head and hair against dust during grinding and work that gives rise to splashing, such as in high-pressure washing or spray painting. Made of Tyvec® and equipped with a PVC visor.

> The SR 345 protective hood is intended for use together with Sundström half masks with filters. Made of chemical resistant, coated fabric, it protects against splashing and dripping of most substances. The hood is fitted so that the exhalation valves are outside the hood. which reduces the risk of misting by condensation

> > **MODEL 200 KITS**



MODEL 200 KITS INCLUDE FULL FACE SILICONE MASK



MODEL 100 and 900 KITS



900 KIT HAS TPE 1/2 MASK **100 KIT HAS SILICONE** 1/2 MASK



Sundstrøm SR-99-1 compressed air filter is used to convert ordinary compressed air into clean breathing air.

The unit consists of regulator, pre-separator and main filter mounted in a metal enclosure.

RESPIRATOR KITS

In response to a growing demand for respirator kits for specific applications SUNDSTROM has produced the following Kits.

BASIC PACK -900-HEPA AND ORGANIC VAPOURS PRO PACK -100-HEPA AND ORGANIC VAPOUR/ACID GAS PRO PACK -200-HEPA AND ORGANIC VAPOUR/ACID GAS ANHYDROUS AMMONIA PACK-100-HEPA AND AMMONIA ACID GAS PACK -100-HEPA AND ACID GAS BASIC DUST AND MOLD PACK -100-HEPA PRO DUST AND MOLD PACK -200-HEPA FARM PACK - 100-HEPA ORGANIC VAPOUR/ACID GAS-AMMONIA PRO FARM PACK -200-HEPA ORGANIC VAPOUR/ACID GAS-AMMONIA WILDFIRE RESPONDER -100-HEPA MINING SAFETY -100-HEPA LEAD - 100-HEPA

PANDEMIC FLU Covid 19 - 100-HEPA PRO BODY AND PAINT - 900-HEPA ORGANIC VAPOUR/ACID GAS



SR 77-2 is a Air Purifying Respirator combined with a hood for self rescue in the event of a fire or a chemical emission accident.

The hood is based on a Sundström silicone half mask, which is mounted in a hood made of flame-resistant material.

The hood can be put on guickly and simply without prior adjustment. The hood is available in two sizes and fits most adults and teenagers.



POWERED AIR PURIFYING RESPIRATORS

With a Supplied Air Respirator (SAR) the user is supplied with air from an independent source, such as from cylinders with compressed air or breathable air from a compressor. A Supplied Air System can be used with half and full face masks, hoods, visors or hard hats. SAR protection may be used in all environments suitable for APR or PAPR and in which a higher level of protection is required. Some substances cannot be adsorbed in cartridges, and in such cases SAR is a suitable alternative.



Choosing Sundström means that you're always guaranteed the highest level of protection, optimum comfort and longevity. A happy workforce; well protected, legally compliant and more productive as a result – value for money. We can present a range of products that are compatible and expandable with masks, hoods, shields, and helmets in a complete system along with various filters and accessories. They are flexible and customizable to personal comfort, as well as the workplace requirements and needs. Production and product development takes place in Lagan in Småland, Sweden



The SR 900 half mask is an example of a complete system that can easily be customized to the person who wears it, the physical effort and the workplace requirements and needs. The SR 900 can be equipped with a filter, fan unit or a compressed air attachment and be supplemented with various accessories that protect the eyes and head. The system to the left is an example of a SR 900 adapted for a physically strenuous work in a high-exposure environment of both particles and gases.

Sundström 🌘



THE SR 500 FAN UNIT IS CHARACTERIZED BY: A HIGH AIR FLOW – The dual flow rates of 175 l/min or 240 l/min assures positive pressure in the face pieces and head tops and maintains a high level of protection even during heavy workloads. HIGH ASSIGNED PROTECTION FACTORS – Several head top options (hard hats, hoods, face shields and full face masks) with APF's of up to 1,000. TRIPLE WARNING SYSTEM – Audible, Visual and Sensory (vibration) for optimal safety. AUTOMATIC FLOW CONTROL – A consistent positive air flow provides a comfortable and reliable respirator that can be used in normal conditions as well as in conditions that are strenuous, warm or of long duration. DURABILITY AND LONGEVITY – A robust fan unit with operation times of up to 13 hours. Encapsulated electronics (IP67) allowing safe and easy cleaning. All fans are supplied with a battery, battery charger, belt, flow meter, filter adapters, filter holders and two particulate filters. PAPR Ready-to-Go kits also include head tops and breathing hoses.

SUNDSTROM cartridge respirators are far and above the most comfortable respirators on the market. In addition to the lowest breathing resistance (both exhalation and inhalation), the SUNDSTROM respirators provide you with the lowest "cost of use" of any cartridge respirator.





LONE WORKER



100% CONTINUOUS MONITORING - ALL THE TIME - NO PHONE CALLS - NO DOWN TIME - NO FEES

Providing proper protection and monitoring of lone workers has become law in several Provinces in Canada. The Grace Industries series of lone worker monitors has addressed this problem ... and solved it. Grace units are in use all across Canada in a wide variety of applications including Military Bases, Breweries, Automotive Manufacturing facilities, Power Generators, Water and Sewage Treatment plants and a countless number of small manufacturing facilities.

A typical monitoring system consists of a motion sensing wireless transmitter (T-Pass or Supercell) which will alarm after a worker has stopped moving for a preset time (30 - 60 - 90 - 120 seconds) or through pressing a panic button on the unit. The receiver picks up the signal and in turn activates integrated alarms and a relay contact to activate remote alarms and optionally a telephone dialer to call offsite. Grace systems can monitor from 1 to 1 workers

The MS2000X Safety Monitor is used to notify others of a worker in distress.

The MS2000X is a fixed wall mounted device that can be combined with any mixed combination of Grace worn devices. It is available in 120/240VAC or 12-15VDC power configurations and offers optional light and siren, heated enclosure, and automatic telephone dialer. Standard as four opto-isolated inputs to trigger PANIC, EVAC, Canned Message, or 16 character free form messages. Four output relays are provided to drive external devices. The input/output configuration is popular when interfacing with fire and security systems, plant processing equipment, and SCADA systems.

The MS2000X receiver accepts signals from any of the Grace Personal transmitters. Typically, the worker wears the T-Pass 3 and when that worker stops moving for a predetermined time then it sends a signal to the MS2000X receiver which can activate remote alarms or a telephone dialer to call out for help.

The T-Pass3 is certified intrinsically safe and is rechargeable. This device also features a panic button that the wearer can use to immediately call for help regardless of the predetermined delay time. The MS2000X can monitor an unlimited number of workers but will only provide a common alarm

Repeaters are available for large facilities to ensure that the signal gets from the Worker to the receiver.

The **Grace SMS** system utilizes the same transmitters as the MS2000X but is can monitor up to 72 workers, identifying each worker individually. The SMS Safety Monitor is a desktop or wall mounted, standalone worker safety monitoring unit featuring a display showing all workers by name and ID number that are using Grace worker-worn safety products. The SMS monitors for worker Alarms and alerts others by built-in bright flashing lights and playback of a pre-recorder voice alert message that is enunciated over an internal speaker and capable of driving external audio sources; useful in facilities with existing PA systems

Locator-Beacon: Grace Locator-Beacons are locating-devices that are placed in designated strategic area of a facility that provide location signals to Grace worker-worn products which are included in their transmitted status data. Locator-Beacons are used to display the locations on personnel on Grace SMS and Grace-Watch[®] Safety Monitoring Systems, or SuperCELL[®] SC500 and WorkForce[®] WF2 worker-worn products.

TPASS 3 AM BUDDY SYSTEM

The Grace Industries Lone Worker Buddy System is simple. When the employee's TPASS[®] 3 AM Alarm Monitor goes into alarm, it will alert the worker of their buddy in distress. The TPASS[®] 3 AM is a special model that includes the alarm monitoring feature. The typical application includes two devices, however, there is no limit to how many TPASS[®] 3 devices that can be used. They can even be mixed with other Grace devices that are worn on employees.













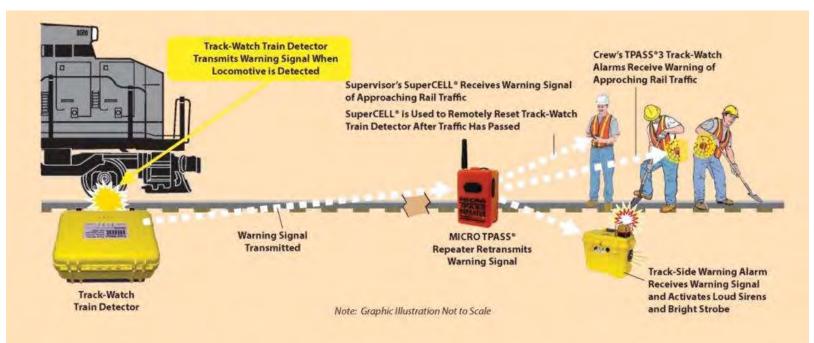
RAILTRACK ALARM



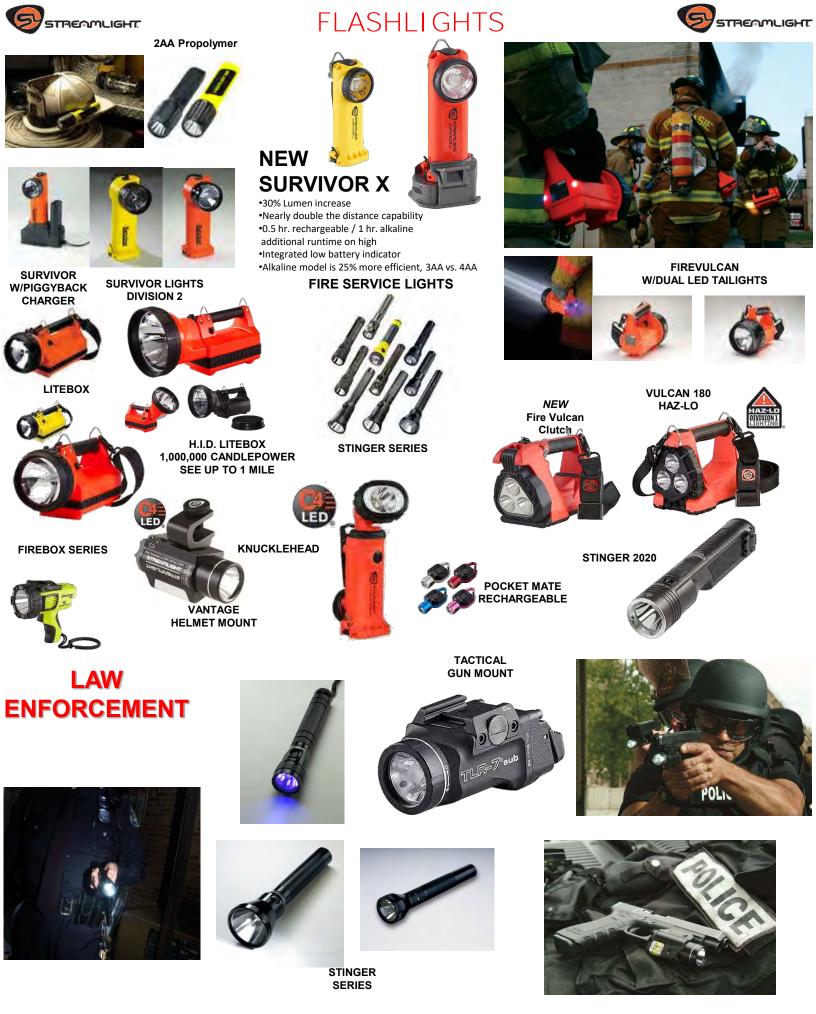


TRACK-WATCH® SAFETY SYSTEM

Track-Watch[®] is a Safety System that provides Maintenance-Of-Way track work crews and inspection personnel with advanced warning of oncoming rail traffic. Track-Watch[®] features a modular design that can be used to protect small work crews or larger track maintenance operations and is capable of extending protection from oncoming rail traffic up to several miles away from a track work site. Individual workers are further protected from rail traffic and are kept safe with TPASS[®]3 'man-down' alarms with panic button. Supervisory monitoring and control is facilitated using the SuperCELL[®] SC500. Track-Watch[®] is also very useful in accident recovery operations such as collisions or derailments.



Track Watch MAINTENANCE-OF-WAY SAFETY SYSTEM



Appelez-nous au (866) 737-2280 ou envoyez-nous un courriel à info@cseis.com pour un devis ou plus d'informations

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Their lifetime warranty on their lights and cases simply means that you buy it once.....period.

1017

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