



THADHANI[®]

The Experts in Safety...

Since 1946



 **MEDIC**TM
first aid kits



 **AIRVENT**TM
blowers & exhausts



MOBILIZETM
stretchers



CATALOGUE



Our Vision

We aim to be your most preferred supplier of Occupational, Safety, Health and Environmental protection products in India.

Our Mission

We aim to provide our valuable customers and partners with superior quality products and value-added services at acceptable prices and returns for the company. Our aim is to provide enhanced health and safety information together with a pragmatic approach in developing solutions, which enables employers and organization to maintain health, safety and welfare of all employees and members of the public, who may be at risk from their activities or undertakings

Profile

Separating people from hazards; this is the simple mantra & philosophy that drives Thadhani Safety. We have expanded our product portfolio and geographic horizons through our dealer network substantially since our inception in India 70 years ago and we continue to develop & source products and expand our coverage to ensure we continue to do so.

The business can trace its history back to 1946 when Mr. Thadhani took over a First Aid Base of then the English Army and started manufacturing First Aid Kits. Our 1st First Aid kit was then developed and many other uses were found. Today, the MEDIC range of First Aid Kits remain an integral part of our portfolio and is the accepted standard for First Aid in most Govt. & Private organizations all over India.

"THADHANI" an ISO 9001 certified company is one of the oldest and the leading manufacturer and distributor of industrial safety products & Personal Protective Equipments (P.P.E) in India.

Since its inception, J. Thadhani & Co. has been committed to providing consumers with the highest quality of industrial safety products and personal protective equipments. Our MOBILIZE range of Industrial & Medical Stretchers is an undisputed leader in the Indian Market, We currently assemble and market the largest range of Confined Space Blowers & Exhausts in India under the AIRVENT Brand. We guarantee and stand by our brands.

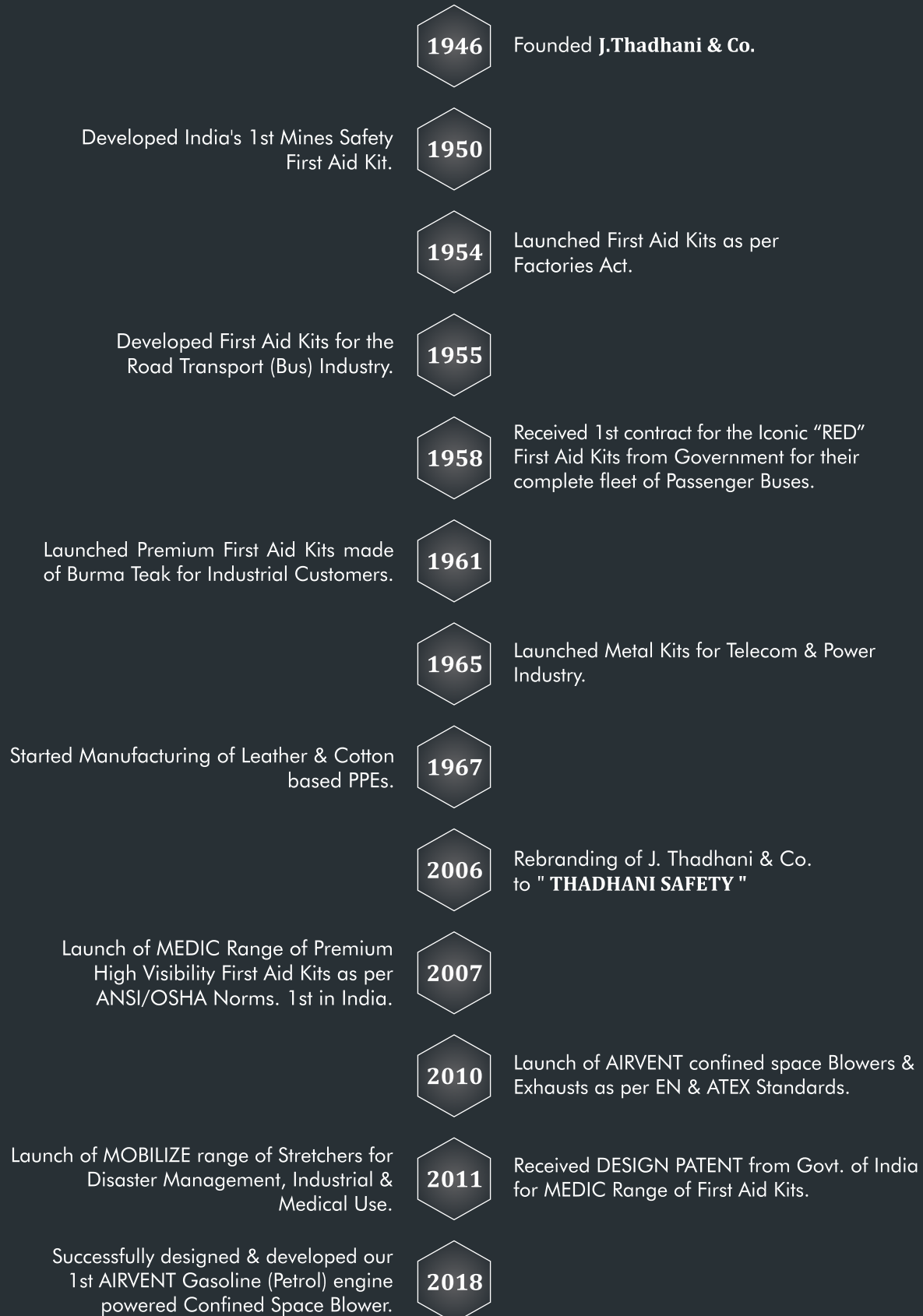
Our Brands



MEDIC, MOBILIZE & AIRVENT are Registered Brands of J.Thadhani & Co., and are Protected under Trademark Registration Act



TIMELINE



TM
MEDIC
first aid kits

ANSI/OSHA STANDARDS - INDIAN FACTORIES ACT - BOCW ACT - CE STANDARDS



FIRST AID KITS & REFILLS | FIRST AID MULTIPURPOSE CABINETS | BURN GEL PRODUCTS | EYE WASH STATIONS | AED





CE 0123

Thadhani sterile products are manufactured as per CE 0123 norms and their shelf life is guaranteed for 5 years. Even the best materials, stored in ideal conditions (cool & dry) will lose their elasticity and adhesiveness over time. Therefore, we recommend that the contents should be regularly checked and replaced as and when required.



Products in the first aid kit or cabinet with the above sign indicates that the product once used cannot be reused the 2nd time.

STERILE EO

Products in the first aid kit with the above sign indicates sterilized products

Features

High Visibility Colour | Wall Holders | Two Equal Halves | Versatile Internal Partitioning And Transparent Cover | Easily Operated Turn Lock Integrated Handle | Content Sticker | Provision To Fill in Emergency Numbers | Standard Screen Printed / Film Inscription



COLOUR CODING OF CONTENTS :

For user convenience, we have named and colour coded most of the contents in our First aid kits for easy identification. The contents are colour coded as follows:

Blue - Antiseptics | Yellow - Bandages / Dressings | Red - Burn Treatment | Orange - Personal Protective Equipment (PPE) | Green - Miscellaneous

The above colour codings are as per ANSI/ISEA Z308.1-2015 norms.

MEDIC FIRST AID KIT (M2500 - M5000 - M7500)

- | Versatile internal partitioning and plexiglass cover
- | Clearly sorted and compact

The **MEDIC** First aid kits are designed for mobile and stationary use. Clearly visible, durable and secure in their wall holders, the kits can be easily opened

Most kits have a **90° adjustment** block attached below the wall holder which ensures an instant overview and comfortable removal of items once the kits are opened while mounted on the wall holder. The kits can also be taken out of their holders quickly and taken directly to the scene of the accident.

Box Casing:

- | Made of robust high grade ABS Plastic.
- | Retains its shape, impact resistant & temperature resistant
- | Completely maintenance free.

Kits can be dismantled into individual parts for cleaning purpose. The contents are optimally protected against water droplets and dust by the continuous neoprene rubber seal.



90° adjustment



MEDIC MIKROKIT  **1 Person Kit**

Be ready for all potential emergencies at home, in the car, outdoors or on the water. From cuts and stings, this kit prepares you for those small everyday emergencies. Fits easily into a purse, pocket, school bag or glove compartment. This mini first aid kit has all the basic contents for small injuries. All products come with clear, self-explanatory instructions

- | Kit Colour - High Visibility Orange
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Dimensions : 14 X 10.5 X 3.7 cms

MEDIC 0500 SERIES  **5 Person Kit**

Hard Medical Grade Polymer Case with Gasket for Air & Water Resistance. The MEDIC First Aid 5 Person First Aid Kit is an industrial first aid kit housed in a moisture resistant wall mountable poly case. This first aid kit is perfect for job sites, office settings, your car or home. This kit offers a varied selection of first aid supplies to assist in many emergency situations. All products come with clear, self-explanatory instructions

- | Classification of Outer Case - ANSI Type III Kit. Portable, Mountable & Water Resistant*
- | Kit Colour - High Visibility Orange
- | Mounting Provision - Inbuilt Mounting holes provided within the handle of the Kit.
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Dimensions : 19.5 X 12 X 7.5 cms



**SNAKE BITE KITS
ALSO AVAILABLE**

MEDIC 1000 SERIES  **10 Person Kit**

This First Aid Kit has a unique design with compartments inside to hold contents. The semi-transparent cover offers easy access to the different content areas. The box can be taken anywhere leaving more space for other necessary first aid fillings. Can be free-standing and is also supplied with a bracket to wall-mount the kit. Soft semi-automatic opening system. Dust proof lid keeps contents clean and sterile. All products come with clear, self-explanatory instructions

- | Classification of Outer Case - ANSI Type III Kit. Portable, Mountable & Water Resistant*
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - High Visibility Orange
- | Mounting Provision - Supplied with a Wall Mount Bracket.
- | Hardware for mounting is included.
- | Dimensions : 20 X 20 X 6 cms



MEDIC 1500 SERIES  **15 Person Kit**

This First Aid Kit made from a durable medical grade HDPE material with a matte finish to keep dust, moisture and dirt at bay. It keeps the contents hygienically clean, so it is always ready to be used. The contents are packed in transparent plastic packs, so you can clearly see all the products, making it easy to find the product you need when every second counts. All products come with clear, self-explanatory instructions. The kit is a High Visibility coloured one, making it easy to see from a distance. The practical handle makes it easy to attach the case or carry it with you.

- | Supplied with the Patented MEDIC FAST-AID Disc Guide.
- | Classification of Outer Case - ANSI Type III Kit. Portable, Mountable & Water Resistant*
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - High Visibility Orange
- | Mounting Provision - Supplied with a Wall Mount Bracket.
- | Hardware for mounting is included.
- | Dimensions : 26.5 X 21.3 X 8.9 cms





⊕ MEDIC 2500 SERIES 25 Person Kit

The ICONIC MEDIC Series, MOC - ABS-synthetic material, temperature resistant, shockproof, dimensionally stable, dustproof, waterproof, low-maintenance, transparent cover panel, smooth turn-lock fasteners, sealing device. A flexible first aid kit to be mounted on the wall that easily can be clicked down and thanks to its robust handle be brought to the emergency situation. The box is initially filled with an optimal first aid content but can easily be customized with other products, according to needs. The box is fitted with a rubber mold to make it airtight and resistant to dirt and dust. All products come with clear, self-explanatory instructions

- | Supplied with the Patented MEDIC FAST-AID Disc Guide.
- | Classification of Outer Case - ANSI Type III Kit. Portable, Mountable & Water Resistant*
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - High Visibility Orange
- | Mounting Provision - Supplied with a Wall Mount Bracket.
- | Hardware for mounting is included.
- | Dimensions : 28 X 20 X 11.5 cms



⊕ MEDIC 5000 SERIES 50 Person Kit

The ICONIC MEDIC Series, MOC - ABS-synthetic material, temperature resistant, shockproof, dimensionally stable, dustproof, waterproof, low-maintenance, transparent cover panel, smooth turn-lock fasteners, sealing device. A flexible first aid kit to be mounted on the wall that easily can be clicked down and thanks to its robust handle be brought to the emergency situation. The box is initially filled with an optimal first aid content but can easily be customized with other products, according to needs. The box is fitted with a rubber mold to make it airtight and resistant to dirt and dust. All products come with clear, self-explanatory instructions

- | Supplied with the Patented MEDIC FAST-AID Disc Guide.
- | Classification of Outer Case - ANSI Type III Kit. Portable, Mountable & Water Resistant*
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - High Visibility Orange
- | Mounting Provision - Supplied with a Wall Mount Bracket.
- | Hardware for mounting is included.
- | Dimensions : 32 X 22 X 13 cms



⊕ MEDIC 7500 SERIES 75 Person Kit

An all Purpose First Aid Kit has what you need in a handy kit that fits conveniently in a cupboard, trunk, on any shelf or just wall mount it. The general use first aid kit provides all the essential items you'll need to deal with cuts, scrapes, minor burns, sprains, strains, pain, fever, and more. Designed to be user-friendly, this best-selling First Aid kit offers a variety of treatment and healing products. It also includes step-by-step first aid guide so you'll know what to do (and what not to do). The ICONIC MEDIC Series, MOC - ABS-synthetic material, temperature resistant, shockproof, dimensionally stable, dustproof, waterproof, low-maintenance, transparent cover panel, smooth turn-lock fasteners, sealing device. A flexible first aid kit to be mounted on the wall that easily can be clicked down and thanks to its robust handle be brought to the emergency situation. The box is initially filled with an optimal first aid content but can easily be customized with other products, according to needs. The box is fitted with a rubber mold to make it airtight and resistant to dirt and dust. All products come with clear, self-explanatory instructions

- | Supplied with the Patented MEDIC FAST-AID Disc Guide.
- | Classification of Outer Case - ANSI Type III Kit. Portable, Mountable & Water Resistant*
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - High Visibility Orange
- | Mounting Provision - Supplied with a Wall Mount Bracket.
- | Hardware for mounting is included.
- | Dimensions : 38.5 X 27 X 13.8 cms





⊕ MEDIC RESPONDER PRO 125 Person Kit

Be ready for all potential emergencies at workplace, homes, outdoors or on the water. This MEDIC new generation of Medical Grade ABS Cabinets is developed to save time and frustration in the midst of emergency situations. Supplies are easy to find in multiple partitioned designed organizer case. This First Aid Cabinet is a large, well-stocked First Aid Kit made from hard plastic to keep dust, moisture and dirt at bay, even in tough environments. The products in the case are well-organised into compartments, making it easy to find the product you need when every second counts. All products come with clear, self-explanatory instructions. The kit can also be attached to the wall This kit can be as per OSHA/ANSI or Factories Act guidelines making it perfect for the workplace, construction, school, home, or travel. This unique cabinet design eliminates disorganized and missing supplies. Clearly labeled compartments create a cabinet that is easy to use and restock.

- | Smart Compliance cabinets stay organized for easy access
- | Supplied with the Patented MEDIC FAST-AID Disc Guide
- | Mount type: Table Top or wall mount
- | Classification of Outer Case - ANSI Type I Kit. Portable & Mountable
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - High Visibility Orange
- | Contents are as per Intelligent individual Content case modules.
- | Refilling and compliance assurance is easy with the help of a full-color, easy-to-use reordering schematic.
- | Hardware for mounting is included.
- | Dimensions : 39 X 30 X 16 cms



⊕ MEDIC RESPONDER STATION

Extremely Versatile Emergency Response Stations. These unique Multipurpose & easy to use Stations mount 1 No. of the MEDIC 100 First Aid Kit, 2 Nos of MEDIC FAST AID Plaster Dispensers, & 1 No. of ready to use Antiseptic Wipes Dispenser consisting of 50 Wipes. You can remove a plaster simply and quickly, without touching any of the other products in the kit, ensuring they stay hygienically clean. It is easy to find the product you need when every second counts

- | Wall-mounted first-aid station made up of High Intensity Black Polystyrene.
- | Supplement with products customised to corporate needs.
- | Comprehensive first aid in one single location
- | Make first aid visible and readily available
- | Quick help in minor and major injuries
- | Visible and easy to refill
- | Wall-mounting screws attached
- | Dimensions : 50 cm X 42 cm X 5 mm



MEDIC SMART COMPLIANCE INTELLIGENT CABINET SYSTEM

We allow laymen to provide First Aid without any special training. Great emphasis has been placed on making our products simple and functional

MEDIC RESPONDER **100 Person Stainless Steel Cabinet**



Be ready for all potential emergencies at workplace, homes, outdoors or on the water. This MEDIC new generation of SS Cabinet is developed to save time and frustration in the midst of emergency situations. Supplies are easy to find in multiple partitioned designed organizer case.

This 2-shelf, Stainless Steel industrial first aid station is designed for medium sized businesses, offices and work sites and can act as a satellite first aid cabinet for buildings, wings or departments and serves up to 100 people. The metal cabinet holds a wide variety of items. The swing-out door and easy-to-mount Kit adds extra convenience. The wide variety of products is designed to handle first aid emergencies from burns, major bleeding and eye injuries to discomfort from minor cuts and abrasions.

- | Smart Compliance cabinets stay organized for easy access
- | Supplied with the Patented MEDIC FAST-AID Disc Guide
- | Mount type: Table Top or wall mount
- | Classification of Outer Case - ANSI Type I Kit. Portable & Mountable
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - Stainless Steel Matt
- | Contents are as per Intelligent individual Content case modules.
- | Refilling and compliance assurance is easy with the help of a full-color, easy-to-use reordering schematic.
- | Hardware for mounting is included.
- | Dimensions : 30 X 12 X 30 cms

MEDIC RESPONDER SUPREME **150 Person Stainless Steel Cabinet**



The Largest Cabinet in our range. Full Stocked for 150 People. Be ready for all potential emergencies at workplace, homes, outdoors or on the water. This MEDIC new generation of SS Cabinet is developed to save time and frustration in the midst of emergency situations. Supplies are easy to find in multiple partitioned designed organizer case.

This 3-shelf, Stainless Steel industrial first aid station is designed for medium sized businesses, offices and work sites and can act as a satellite first aid cabinet for buildings, wings or departments and serves up to 150 people. The metal cabinet holds a wide variety of items. The swing-out door and easy-to-mount Kit adds extra convenience. The wide variety of products is designed to handle first aid emergencies from burns, major bleeding and eye injuries to discomfort from minor cuts and abrasions.

- | Smart Compliance cabinets stay organized for easy access
- | Supplied with the Patented MEDIC FAST-AID Disc Guide
- | Mount type: Table Top or wall mount
- | Classification of Outer Case - ANSI Type I Kit. Portable & Mountable
- | Contents - Colour Coded as per ANSI ANSI/OSHA Z308.1-2015 standards.
- | Kit Colour - Stainless Steel Matt
- | Contents are as per Intelligent individual Content case modules.
- | Refilling and compliance assurance is easy with the help of a full-color, easy-to-use reordering schematic.
- | Hardware for mounting is included.
- | Dimensions : 30 X 12 X 45 cms

DON'T TAKE BURNS LIGHTLY



WHEN A BURN OCCURS, SECONDS COUNT...

A critical countdown begins the minute a person sustains a burn to their skin because a burn can actually morph and deepen up to 72 hours after the initial incident.



BurnGel products are effective, versatile and can be used for emergency first aid burn treatment in a pre-hospital setting. BurnGel products are consistent with both wet and dry burn treatment protocols since they stop the burning process, cool the burned area, relieve pain, prevent further injury and do not contribute to hypothermia or interfere with debridement (removal of damaged tissue or foreign objects from a wound). There are no active ingredients, and the water-soluble gel can be easily washed off at a hospital or burn center.

BurnGel is scientifically designed to draw the heat out of a burn. The heat energy is spread over the whole gel surface because the material conforms to the uneven burn surface. At the outer surface of the gel, the heat is released by transfer into the air. The buffer effect of the BurnGel layer leads to rapid heat transfer out of the burn wound without losing temperature around the area of usage.

BurnGel is primarily composed of deionized water, thickened to help it stay in place, and a small amount of Tea Tree Oil & Aloe Vera, both natural bacteriostatics. BurnGel consists of in excess of 90% water trapped in a proprietary gel, containing a small percentage of Melaleuca Oil (Tea Tree) & Aloe Vera both naturally occurring substance. Tea Tree Oil is steam distilled from the leaves of the Australian Melaleuca alternifolia tree. Melaleuca Oil is a proven antiseptic, which exhibits local anaesthetic and anti-inflammatory properties. Aloe Vera's Antifungal Properties is gentle on the body both inside and out. It harbors powerful properties to get your Candida under control and stimulate your immune system. It acts as an antifungal, antiviral, and anti-inflammatory.

Providing emergency burn treatment is never easy. But when seconds count, having BurnGel products in convenient locations will go a long way in easing the pressure of the moment, as well as the burn victim's injury and pain.



PRODUCTS



BurnGel solves the immediate first aid needs for all types of burns by relieving the pain, rapidly removing the heat, and cooling the burn. BurnGel gel is viscous enough for it to remain on the burn wound and not run off, while simultaneously drawing the heat out and up into the gel. This gel is ideal for all minor burns. It is the same solution found in the burn dressings and fire/trauma blankets. The convenience of a squeeze bottle/Sachet makes BurnGel Pain Relieving Gel portable and easy to use to treat burns. The bottle/sachets are designed for inclusion in first aid kits, at home, and in the work place. Some of the MEDIC Kits have them.

Available in 3.5gm Sachet, 25 ml & 50 ml Spray Bottles



BurnGel Dressings provide fast, one-step relief for emergency first aid when someone has been burned. The dressing stops burn progression and cools the skin, relieves pain and protects against airborne contamination. BurnGel Burn Dressings are made with a scientifically formulated cooling gel and utilize medical-grade nonwoven pads. They are non-adherent so they will not stick to burn injuries. The dressings are soaked in a water-based / water soluble, bacteriostatic and biodegradable gel and sterilized to ensure a contamination-free atmosphere for emergency treatment of burns. With BurnGel Burn Dressings, it takes no special training to give fast and effective emergency burn care for any type of burn injury. All BurnGel Burn Dressings have a 5-year shelf life from date of manufacture.

Available in 5X5 cm, 10 X 10 cm, 20 X 20 cm, 30 X 40 cm dressing sizes.



The **BurnGel 6' x 5' (183 cm x 152 cm) Fire/Trauma Blanket** is a good size for escaping a fire. BurnGel Fire/Trauma Blankets are designed for emergency and industrial use, and to also provide physical protection from heat, fire, and smoke. During transport to a medical facility, the blanket will soothe the victim, reducing physiological and psychological trauma. It will cool the burn, and draw the heat out to prevent further tissue and nerve damage. The blankets are made of a pure virgin wool, woven with a unique interlinking cell construction. The special construction of the wool, allows for the blanket to hold up to 14 times its weight with the BurnGel specially formulated gel. The water-soluble gel is easily removed and will not adhere to the skin.



**Automatic
External
Defibrillator
(AED)**

IT'S NOT HEART TO BE SAFE



THE NEW GENERATION **CARDIAID**

CardiAid introduces two new AEDs: Semi-automatic CardiAid CT0207RS and fully automatic CardiAid CT0207RF; improved with superior functions and impressive details. One more step towards perfection...



CardiAid CT0207RS
One-button operation to provide easier control for the rescuer.

CardiAid CT0207RF

Fully-automatic: No need to press the button to deliver the shock.



- I Paediatric treatment possible using paediatric electrodes.
- I Auto-recognition of paediatric mode when special electrodes are plugged in.
- I Accurate ECG detection algorithm with high sensitivity and specificity.
- I Current-based defibrillation technology for the most effective treatment.
- I Improved illustrations and verbal instructions.
- I Recording multi-events up to 3 hours
- I More than 20 language options.
- I Easily adaptable to future changes in resuscitation guidelines with configurable functions like voice prompts,
- I CPR duration, CPR sequence (30:2 or compressions-only); and chest compression frequency (100 to 120 bpm).
- I Ready-to-communicate with a Gateway and able to send real-time self test results.
- I New generation CardiAid Monitor 2 Technical Service
- I Software offering a whole solution for all needs:
- I Configuration, maintenance, troubleshooting, event data monitoring and many more.

CARDIA
INTERNATIONAL
Denmark



Automatic External Defibrillator (AED)

TECHNICAL SPECIFICATIONS

CardiAid CT0207RS/CT0207RF



Defibrillation System

Operating Mode:
Automated (CT0207RS: one button operation /CT0207RF: full-automatic).
Wave Form: Biphasic, current-based.
Energy Delivery:
Adjusted to patient impedance, Programmable (factory settings).
Delivered Energy - Adult Mode:
170J (Average for 50 Ω at low energy level).
270J (Average for 50 Ω at high energy level).
Delivered Energy - Paediatric Mode:
50J (Average for 50 Ω at low energy level).
75J (Average for 50 Ω at high energy level).
Shock Sequence:
Constant or escalating, Programmable (factory settings).
Charging Time:
Typically < 10 seconds*, maximum < 15 seconds.*

ECG Analysis System

Analysis Time: Typically < 10 seconds.*
Derivation: II
Asystole Threshold: < 0,160 mV
Specificity NSR / Asystole: > 95**
Sensitivity VF / pVT: > 90**
Reaction to Implanted Pacemaker:
Normal cardiac pacemaker rhythms are not detected as shockable.
Movement Detection:
Checks signal quality, gives acoustic warning at patient movement.

Operation

Operating Elements:
i) Automatic switch-on when the cover is opened.
ii) Flashing shock button (one-button operation for CT0207RS, full-automatic operation for CT0207RF).
iii) Info-button.
Info Mode:
Announcement of the elapsed time and number of shocks since device started, when info-button is pressed.
Display Elements:
Self-explanatory illuminated symbols (traffic light principle). Device status indicator symbols (for self-test result).

Defibrillation Electrodes

Range of Application:
Adult electrodes for patients > 8 years / 25kg.
Paediatric electrodes for patients 1-8 years / < 25kg.
Delivery Status:
Disposable, self-adhesive, single-use electrodes; ready-to-use, sealed and packed with connector outside pouch.
Polarization:
Not polarized (Exchange acceptable).
Active Surface Area:
166cm² (adult), 86cm² (paediatric).
Cable Length: 130 cm.
Shelf Life: 30 months from the date of manufacture (adult).

Data Management

Event Documentation:
Automatic recording of ECG and event data in internal memory up to 4 sessions with a total maximum duration of 2 hours 50 minutes.
Data Transfer:
Bluetooth (only for authorized service partners).
Event Review and Device Programming:
Via Bluetooth connection to PC with CardiAid Monitor Software (only for authorized service partners).

Self-Test

Schedule:
Automatic; daily, monthly and when device is opened
Timing: Programmable (factory setting)
Scope: Battery, electronics, software, charging

Energy Source

Type: Alkaline
Capacity: Up to 210* shocks
Monitoring Capacity: Up to 20* hours
Stand-by Period: 2 Years

Environmental Conditions

Operation:
i) Temperature: +5°C to +55°C
ii) Humidity: 0-95%
iii) Air Pressure: 572-1060h/PA

Storage and Transport

i) Temperature: +5°C to +55°C
ii) Temperature: -20°C to +70°C (max 2 weeks, without battery & electrodes)
ii) Humidity: 0-95%
iii) Air Pressure: 500-1060h/PA

Standards

Device Class: IIb (93/42/EEC)
Resuscitation Protocol: ERC, ILCOR 2015
Norms: EN 60601-2-4:3rd edition, rare use, EMC: DIN EN 60601-1-2:2007-12
Free Drop: IEC 601-1:1988+A1:1991+A2:1995
Protection Class: IEC 529: IP55 (protected against dust and water jets)

Dimensions and Weight

Dimensions: 301 x 304 x 112mm
Weight: 3,1 kg (including battery and electrodes)

* Data are valid at 20°C with new, fully-charged batteries. Values can vary and are dependent upon storage and environmental conditions, frequency of use, pre-configured settings and the shelf life of the product.

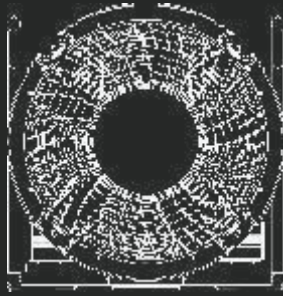
** The algorithm and the board of CardiAid CT0207 AED offer the optimum combination of sensitivity and specificity. (Published in "Automated analysis of electrical signals of the human body for detecting of life threatening cardiac abnormalities", Igor Tchoudovski, Mensch and Buch Verlag, ISBN 3-89820-984-9, Pg 141)

Cardia International, at its own discretion, reserves the right to make changes pertaining to the technical features and the accessories of the device.

Cardia International, under no condition, shall be liable for any fault of spelling and/or writing in any and all instructive and informational data, documents, images given above and any direct, indirect, accidental, secondary legal or penal loss or damages may arise from them.



CardiAid
Public Access Defibrillator



Confined / Hazardous Space | Industrial Workplace | Fire | Rescue | Marine | Military | Construction



Portable Ventilation Solutions
For A Safe Workplace



Applications



Industrial Workplace
Environment with confined spaces



Fire Rescue- Large Structure Ventilation
Large structures that need ventilation to remove smoke, heat and fire gases.



Hazardous Workplace
Environment with a potentially explosive atmosphere



Marine/Military
Shipboard de-smoking and equipment cooling



Fire Rescue- Structural Ventilation
Small and mid-size buildings that need ventilation to remove smoke, heat and fire gases

Confined Space Ventilators

Confined space rescues require additional considerations to perform a rescue. In addition to general risks there is a danger of asphyxiation (lack of oxygen), poisoning, or fire and explosion. A fan must be used during confined space rescue to combat the additional risks.

Proper ventilation in confined spaces is essential for a safe work environment. Atmospheric hazards cause approximately 90% of worker injuries and fatalities in confined spaces. Ventilation of a confined space should be done to stabilize the environment. This could be to replace the bad air, make the air breathable, get rid of toxic vapors, make the area warmer or cooler, remove dust and so on.

Ventilation can be performed by supplying or exhausting air or both. The weight and characteristics of the atmospheric hazard as well as the environmental conditions of the general area will dictate the type(s) of ventilation applied. Using a blower that can be used in positive or negative pressure ventilation is ideal. The safest option is to use an explosion proof ventilator. It prevents a source of ignition in a flammable environment. Spaces that are deep may require extensive duct work. Multiple fans used in different configurations may be required. The more options you have, the better equipped you will be to address the problem. Thadhani Safety has served customers in the production of equipment used in some of the most dangerous environments on earth. You will find our equipment in potentially explosive atmospheres where flammable gases, vapors, mists, and dusts exist. Given a source of ignition, these substances can detonate and destroy life and property in seconds. Our fans can be found at the doorsteps of buildings on fire. Firefighters, using the latest ventilation techniques, deploy our fans to safely control the flow path and eject smoke from the buildings. You will find our products at confined spaces, which by design have limited openings for entry and exit with unfavorable natural ventilation which could contain or produce dangerous air contaminants.

We take the hazards of these situations seriously and make your safety a priority. We have established processes in manufacturing, quality management, logistics and after sales service to help ensure the safety and satisfaction of firefighters, roughnecks, military, construction workers and all others using our equipment in dangerous environments.

Explosion Proof. Certified

Compliance certifications have always been a critical part of our product development strategy, and we were an early adopter of explosion proof certifications for our purpose-built hazardous location air movers. Today, our commitment to delivering full-unit certified, explosion proof ventilation solutions, remains unmatched, and we continue to build on this foundation by adding new innovative products as well as international certifications to better serve our customers in different regions of the world. Our ventilators currently hold full-unit hazardous location certifications for ATEX, While various standards exist that are in line with IEC 60079 Standard on Explosive Atmospheres, countries use these standards in their regulations in different ways.

Is it better to positively ventilate or to evacuate air?

Any Confined Space must be positively ventilated; you may evacuate when fumes are being generated in a specific location. (E.g. welding, grinding, etc.)

What size ventilation unit is needed for my confined space?

OSHA calls ventilation one of the most important engineering controls available to maintain a safe work environment.

While the actual standards for an acceptable atmosphere haven't changed over the past few years, there is disagreement over the length of time needed to ventilate a space before entry. In OSHA's confined space standard 1910.146, they do not specify how many air exchanges must be circulated per hour. Some manufacturers require a minimum air exchange amount of 6 times volume per hour, but that number is by no means universal.

A common rule of thumb has always been 10 complete air exchanges & we also recommend a minimum of 10 air exchanges just to be on the safer side. We strongly suggest the best way to determine safety for your particular space is by having a professional perform a complete and accurate atmosphere evaluation with proper instrumentation to determine what their recommendation would be.

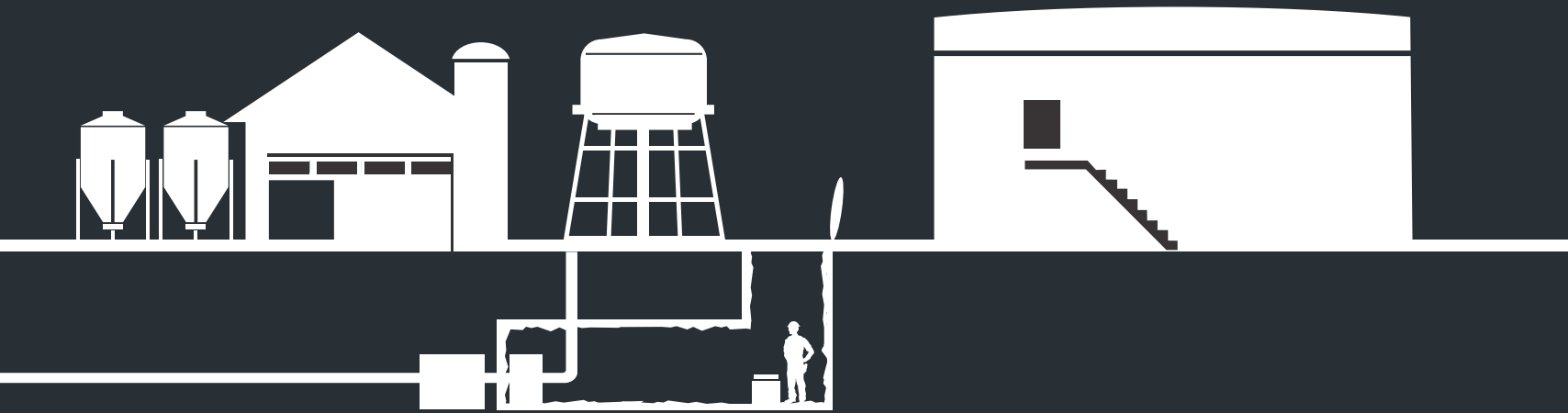
In practice, our customers typically ventilate for as long as possible before entry, and those who plan their days well often set up the equipment and get it fired up far in advance of the scheduled work. Whichever guidelines your company decides to follow, ongoing monitoring of the space using a confined space gas monitor allows entrants to make sure the atmosphere stays safe.

If a blower's capacity is 1000 CFM, simple math says that it delivers 60,000 CFM per hour. If a confined space is 6000 cubic feet in size, then this blower's capacity is sufficient for use in that particular area provided it is running at 100 % efficiency.

FAQ

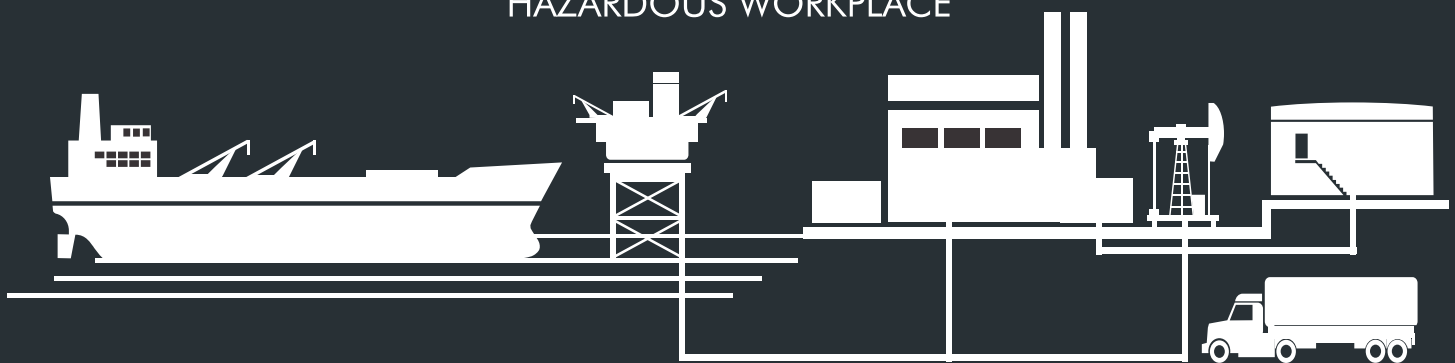


INDUSTRIAL WORKPLACE



- Manholes
- Tanks
- Vats
- Silos
- Utility Vaults
- Tents/Shelters
- Factories
- Aircraft
- Rail Cars
- Crawl Spaces
- Tunnels
- Other

HAZARDOUS WORKPLACE



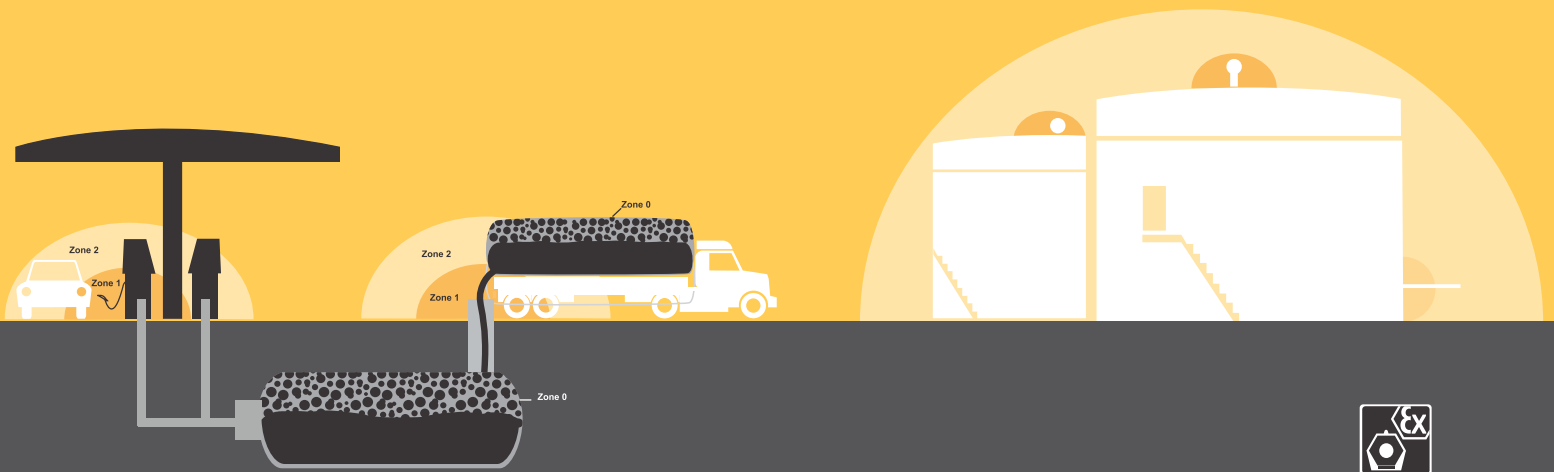
- Shipbuilding & Repair
- Offshore Platforms
- Utilities
- Underground Work
- Manholes
- Vessels and Tanks
- Aircraft
- FPSO (Floating Production Storage and Off loading)
- Tunnels
- Crawl Spaces
- Chemical Plants
- Confined Spaces



ATEX Zone Classification

Hazardous areas are classified into zones based on an assessment of the frequency of occurrence and duration of a potentially explosive gas atmosphere. IEC60079-10-1 defines the areas in an explosive atmosphere as:

- « Explosive atmosphere: mixture with air, under atmospheric conditions, flammable substances in the form of gas, vapor, dust, fibers, or flyings which, after ignition, permits self-sustaining propagation
- « Zone 0 : an area in which an explosive gas atmosphere is continuously present, for long periods or frequently.
- « Zone 1 : an area in which an explosive gas atmosphere is likely to occur in normal operation occasionally.
- « Zone 2 : area in which an explosive gas atmosphere is not likely to occur in normal operation but, if it does occur, will persist for a short period only.





Equipment Certifications

ATEX EXPLAINED

The chart explains the ATEX Identification Numbering System. The high lighted areas specifically apply to the ATEX string seen on Airvent is Safety's certified hazardous location fans.

1 EQUIPMENT GROUP & CATEGORY

Equipment Group	Equipment Category	Protection Level	Hazard Gas	Dust	Use
II - Industrial (Non - Mining)	1	Very High Protection	G	-	Zones 0 - 1 - 2
	2	High Protection	-	D	Zones 20 - 21 - 22
			G	-	Zones 1 - 2

2 CLASSIFICATION OF HAZARDOUS AREAS

Area Classification Gases	Dusts	Zone Criteria (based on frequency and duration)
Zone 0	-	Potentially Explosive substance present continuously or for long periods > 1000hrs/yr
-	Zone 20	-
Zone 1	-	Potentially Explosive substance likely to be present in normal operation > 10hrs < 1000hrs/yr
-	Zone 21	-
Zone 2	-	Potentially Explosive substance unlikely to be present in normal operation, if it does will only be for short periods > 10hrs
-	Zone 22	-

3 IGNITION PROTECTION CATEGORIES

Ignition Protection Categories	I.D	Can be used in	Safety Principle
Increased safety	Ex e	Zone 1	No arcs, sparks or hot surfaces
Non - sparking equipment	Ex nA	Zone 2	-
Pressurized encapsulation	Ex d	Zone 1	Controls an internal explosion & extinguishes the flame

Motor Junction Box

4 GAS GROUPS

Gas Group	Representative Test Gas
IIA	Propane
IIB	Ethylene

Gas Group IIB includes all gases for Group IIA

5 TEMPERATURE CLASSES

Class	T1	T2	T3	T4	T5	T6
	MAXIMUM SURFACE TEMPERATURE					
	450°C	300°C	200°C	135°C	100°C	85°C
IIA	Acetone Ammoniac Benzene Acetic Acid Ethane Ethyl Acetate Ethyl Chloride Methane Methanol Naphthalene Phenol Propane	i- Amylacetate n- Butane n- Butyl Alcohol	Gasolines Diesel Fuels Heating Oils n- Hexane	Acetaldehyde		
IIB	Town gas (Lighting gas)	Ethylene Ethylene Oxide	Hydrogen Sulfide	Ethylether		

Gas Group IIB T6 includes all specifications for Gas Group IIA, Class T1 - T6 and Gas Group IIB, T1 - T6

1 EQUIPMENT GROUP II

1 EQUIPMENT CATEGORY 2

2 Hazard G

4 GAS GROUPS IIB

6 Conditions & Subdivisions GB

II 2 G Ex de IIB T6 Gb

ATEX STRING



3 Ignition Protection Category Ex de

5 Temperature Class T6

6 CONDITIONS & SUBDIVISIONS

Flammable Materials	Temporary Behavior of Explosive Atmosphere	Classification of Hazardous Areas	Group as Defined in Directive 94/9/EC	Equipment Category as Defined in Directive 94/9/EC	Equipment Group as Defined in EN 60079-0	Equipment Protection Level (EPL) as Defined in EN 60079-0
Gases / Vapors	is present continuously or for long periods or frequently	Zone 0	II	1G	II	Ga
	arises in normal operation occasionally	Zone 1	II	2G or 1G	II	Gb or Ga
	is not likely to arise in normal operation, or if does, will persist for a short time only	Zone 2	II	3G or 2G or 1G	II	Gc or Gb or Ga



Certification Explained

What is ATEX ?

ATEX is the name commonly given to the two European Directives for controlling explosive atmospheres:

- 1) Directive 99/92/EC (also known as 'ATEX 137' or the 'ATEX Workplace Directive') on minimum requirements for improving the health and safety protection of workers potentially at risk from explosive atmospheres. The text of the Directive and the supporting EU produced guidelines are available on the EU-website.
- 2) Directive 94/9/EC (also known as 'ATEX 95' or 'the ATEX Equipment Directive') on the approximation of the laws of Member States concerning equipment and protective systems intended for use in potentially explosive atmospheres. The text of the Directive and EU produced supporting guidelines are available on the EU website.

What is an Explosive Atmosphere?

Dangerous Substances and Explosive Atmospheres Regulations 2002 (DSEAR), defines an explosive atmosphere as a mixture of dangerous substances with air, under atmospheric conditions, in the form of gases, vapors, mist or dust in which, after ignition has occurred, combustion spreads to the entire unburned mixture. Atmospheric conditions are commonly referred to as ambient temperatures and pressures. That is to say temperatures of -20°C to 40°C and pressures of 0.8 to 1.1 bar.

Likelihood of Presence - Zone 1

Ignitable concentrations of flammable gases or vapors which are likely to occur under normal operating conditions.

Group IIB

The Zone System defines the type of hazardous gas and the location of the surrounding atmosphere. Group I contains explosive gasses that naturally occurring in mines. Group II contains explosive gasses found in atmospheres other than mines. Group III contains explosive dust atmospheres. Groups II and III are further defined by the level of hazard for each group marked by an A, B or C with each letter corresponding to a more explosive material than the previous letter. Equipment that is safe to use in Group B is also safe to use in group A but not in group C.

Group A - Atmospheres containing propane, acetone, benzene, butane, methane, petrol, hexane, paint solvents or gases and vapors of equivalent hazard.
Group B - Atmospheres containing ethylene, propylene oxide, ethylene oxide, butadiene, cyclopropane, ethyl ether, or gases and vapors of equivalent hazard.

Zone system Group IIB is equivalent to Class/Division system Class I, Group C.

Temperature Code (T Code)

A mixture of hazardous gases and air may be ignited by coming into contact with a hot surface. The conditions under which a hot surface will ignite a gas depends on surface area, temperature, and the concentration of the gas. The maximum possible surface temperature of equipment is shown in the ATEX Explosion Classification as a "t" Value, ranging from T1 to T6 in order of decreasing value (so T6 is "safer"). **T6 ≤ 85 °C/185°F**

Ignition Source - Electrical

There are two general sources of ignition, from an electrical source and from a non-electrical source. Examples of specific electrical sources include arcing between contacts of a switch or breakdown between traces on a printed wiring board. Examples of non-electrical sources include the hot surfaces of a brake or electrostatic charging of a non-metallic fluid handling system.

Protection Techniques

Protection Techniques refers to the methods used to protect electrical and non-electrical sources from igniting an explosive atmosphere. These methods are defined in national, regional, and international codes and standards.

Flameproof 'd'

Flameproof, 'd' is a type of protection where the enclosure will withstand an internal explosion of a flammable mixture that has penetrated into the interior, without suffering damage and without causing ignition, through any joints or structural openings in the enclosure, of an external gas atmosphere consisting of one or more of the gases or vapors for which it is designed.

Increased Safety 'e'

Increased Safety, 'e' is a type of protection applied to electrical equipment that does not produce arcs or sparks in normal service and under specified abnormal conditions, in which additional measures are applied so as to give increased security against the possibility of excessive temperatures and of the occurrence of arcs and sparks.



Industrial Blowers & Exhausts



Portable Ventilation Solutions
For A Safe Workplace



AIRVENT 1000 Series

Perfect for small confined spaces, such as manholes and sewers, these compact blowers deliver maximum airflow for a safe, comfortable and controlled work environment. The multi-purpose blower and exhauster delivers powerful airflow in a compact and lightweight package.

Features:

- I Heavy Duty Powder Coated Armour sheet Housing construction
- I Equipped with 3/4 H.P. Motor.
- I 4 Blade precision balanced Aluminium Alloy Impeller
- I Motor equipped with thermal switch for overheat protection
- I Equipped with four Rubber feet.
- I Dynamically designed fan housing to optimizes airflow efficiency
- I Protective guards meeting OSHA Standards.
- I Ducting may be attached at either flange for intake or exhaust for ventilation.
- I All components are coated for greater wear resistance.
- I Impeller is made of heavy duty aluminium alloy & is designed for high Static pressure providing higher airflow rate
- I Compliance : CE Certified
- I Weight : 12.5 Kg



Model	Dia	Type	Voltage	Frequency	Speed	Capacity	Dimensions (MM)
AIRVENT 1000M	10"	Non Explosion Proof	240 V	50 Hz.	2800 RPM	1600 CFM	370 X 330 X 370 mm.

AIRVENT 1200 Series

These portable blowers have a durable and firm structure with good insulation, high pressure and large air volume. They can get rid of odour and waste gas efficiently and effectively. These are ideal for welding dusts, fumes, construction areas, Oil & Gas installations or any larger hazardous locations. Available in Explosion Proof & regular models.

Features:

- I Heavy Duty Powder Coated Armour sheet Housing construction
- I Equipped with 3/4 H.P. Motor.
- I 6 Blade precision balanced Aluminium Alloy Impeller
- I Motor equipped with thermal switch for overheat protection
- I Equipped with four Rubber feet.
- I Dynamically designed fan housing to optimizes airflow efficiency
- I Protective guards meeting OSHA Standards.
- I Ducting may be attached at either flange for intake or exhaust for ventilation.
- I All components are coated for greater wear resistance.
- I Impeller is made of heavy duty aluminium alloy & is designed for high Static pressure providing higher airflow rate
- I Compliance : CE / ATEX Certified EXdIIBT4
- I Weight : 17 Kg



Model	Dia	Type	Voltage	Frequency	Speed	Capacity	Dimensions (MM)
AIRVENT 1200M	12"	Non Explosion Proof	240 V	50 Hz.	2800 RPM	2295 CFM	440 X 285 X 420 mm.
AIRVENT 1200M-EX	12"	Explosion Proof	240 V	50 Hz.	2800 RPM	2295 CFM	440 X 285 X 420 mm.



AIRVENT 1600 Series

A high capacity model blower for higher volume of air movement. For higher velocities, increased volumes and reduced purge or cooling times. Built with a strong all-metal structure and silver metal-coated grill for long-lasting use. The fully enclosed motor provides years of reliable service by preventing the build-up of dust and debris in vital areas. The 1.5 HP direct drive motor runs on less power and requires less maintenance compared to other motors. Available in Explosion Proof & Regular models

Features:

- I Heavy Duty Powder Coated Armour sheet Housing construction
- I Equipped with 1.5 H.P. Motor.
- I 8 Blade precision balanced Aluminium Alloy Impeller
- I Motor equipped with thermal switch for overheat protection
- I Equipped with four Rubber feet.
- I Dynamically designed fan housing to optimizes airflow efficiency
- I Protective guards meeting OSHA Standards.
- I Ducting may be attached at either flange for intake or exhaust for ventilation.
- I All components are coated for greater wear resistance.
- I Impeller is made of heavy duty aluminium alloy & is designed for high Static pressure providing higher airflow rate
- I Compliance: CE / ATEX Certified EXdIIBT4
- I Weight : 25 Kg



Model	Dia	Type	Voltage	Frequency	Speed	Capacity	Dimensions (MM)
AIRVENT 1600M	16"	Non Explosion Proof	240 V	50 Hz.	2800 RPM	3700 CFM	540 X 490 X 470 mm.
AIRVENT 1600M-EX	16"	Explosion Proof	240 V	50 Hz.	2800 RPM	3700 CFM	540 X 490 X 470 mm.

AIRVENT 2400 Series

This model has been designed to meet all fire & Emergency service needs. The units are available in regular & Explosion Proof configurations to satisfy almost any application. The AIRVENT 2400 models produce high volumes of air in compact and efficient designs. All these ejectors are finished in a tough powder coat finish with cadmium plated safety guards. All motors are ball bearing and require no maintenance. All units are equipped with 6 feet of cord without a specific plug. These are meant for extremely large displacement of Air

Features:

- I Heavy Duty Powder Coated Armour sheet Housing construction
- I Equipped with 3.0 H.P. Motor.
- I 8 Blade precision balanced Aluminium Alloy Impeller
- I Motor equipped with thermal switch for overheat protection
- I Engineered to move high volumes of air
- I This model is equipped with heavy duty locking caster wheels and adjustable angle for easy mobility and setup.
- I Dynamically designed fan housing to optimizes airflow efficiency
- I Protective guards meeting OSHA Standards.
- I Ducting may be attached at either flange for intake or exhaust for ventilation.
- I All components are coated for greater wear resistance.
- I Impeller is made of heavy duty aluminium alloy & is designed for high Static pressure providing higher airflow rate
- I Compliance: CE / ATEX Certified EXdIIBT4.
- I Weight: 62 Kg.



Model	Dia	Type	Voltage	Frequency	Speed	Capacity	Dimensions (MM)
AIRVENT 2400M	24"	Non Explosion Proof	240 V	50 Hz.	1400 RPM	8475 CFM	890 X 780 X 620 mm.
AIRVENT 2400M-EX	24"	Explosion Proof	240 V	50 Hz.	1400 RPM	8475 CFM	890 X 780 X 620 mm.



AIRVENT 3200 Series

The Largest confined space Blower Unit available in the market. This model has been designed to meet all fire & Emergency service needs. The units are only available in non-Explosion Proof configurations to satisfy almost any application. This model produces the highest volume of air. All these ejectors are finished in a tough powder coat finish with cadmium plated safety guards. All motors are ball bearing and require no maintenance. All units are equipped with 6 feet of cord without a specific plug. These are meant for extremely large displacement of Air.

Features:

- I Heavy Duty Powder Coated Armour sheet Housing construction
- I Equipped with 4.0 H.P. Motor.
- I 8 Blade precision balanced Aluminium Alloy Impeller
- I Motor equipped with thermal switch for overheat protection
- I Engineered to move high volumes of air
- I This model is equipped with heavy duty locking caster wheels and adjustable angle for easy mobility and setup.
- I Dynamically designed fan housing to optimizes airflow efficiency
- I Protective guards meeting OSHA Standards.
- I Ducting may be attached at either flange for intake or exhaust for ventilation.
- I All components are coated for greater wear resistance.
- I Impeller is made of heavy duty aluminium alloy & is designed for high Static pressure providing higher airflow rate
- I Compliance: CE / ATEX Certified EXdIIBT4.
- I Weight: 90 Kg.



Model	Dia	Type	Voltage	Frequency	Speed	Capacity	Dimensions (MM)
AIRVENT 3200M	32"	Non Explosion Proof	240 V	50 Hz.	960 RPM	15000 CFM	1035 X 995 X 615 mm.
AIRVENT 3200M-EX	32"	Explosion Proof	240 V	50 Hz.	960 RPM	15000 CFM	1035 X 995 X 615 mm.

AIRVENT PetroMax 1210 Petrol Engine Blower

This gas-powered confined space ventilation blower is the perfect choice for remote job sites or where generators or electricity aren't available. It features a Gasoline engine that produces huge cfm flow rates for a 12"blower. It has a handle to assist in transport. It has spring-loaded feet to help keep blower in place as it runs. Designed with a sturdy metal base, it minimizes blower rocking and offers great stability. This system also has a 2-3 hour running time. Designed for positive and negative ventilation. Metal construction with a built-in handle and 10" flange on intake and 12" flange on exhaust ports.

Features:

- I Fuel: Petrol (Gasoline)
- I Heavy Duty Powder Coated Armour sheet Housing construction
- I Equipped with 5.0 H.P. Motor.
- I Aluminium Alloy Impeller
- I Motor equipped with thermal switch for overheat protection
- I Engineered to move high volumes of air
- I This model is equipped with heavy duty locking caster wheels and adjustable angle for easy mobility and setup.
- I Dynamically designed fan housing to optimizes airflow efficiency
- I Protective guards meeting OSHA Standards.
- I Ducting may be attached at either flange for intake or exhaust for ventilation.
- I All components are coated for greater wear resistance.
- I Impeller is made of heavy duty aluminium alloy & is designed for high Static pressure providing higher airflow rate
- I Compliance: CE Certified.
- I Weight: 60 Kg.



Model	Dia	Type	Engine Power	Tank Capacity	Speed	Capacity	Dimensions (MM)
AIRVENT PetroMax 1210	12" 10"	Non Explosion Proof	5 HP	3.6 Ltr	1800 RPM	2700 CFM	400 X 350 X 385



Portable Ventilation Solutions
For A Safe Workplace



AIR DUCTS

General Description

This product is lightweight, retractable and designed for maximum air handling capabilities. They are resistant to UV, mild acids hydrocarbons, alcohols, and have fire retardant properties. Dual direction flow with minimum friction loss.

Construction:

Vinyl and polyester materials | Single-Ply | PVC Coated
| Temperature Range: -30°C to 90°C
Retractable, Non-collapsible design | Class 1 hard drawn spring steel wire helix | Yellow color with black weather-strip
Fastening cuffs at both ends | Heat Sealed Seams for smoother surface for better air flow.

Available Sizes (diameter): 10", 12", 16", 24", 32"

Available Length (meter): 5, 10 & 15.



CONDUCTIVE AIR DUCTS

General Description

This product is lightweight, retractable and designed for maximum air handling capabilities. Dual direction flow with low friction loss while providing a safe positive means of discharging static build-up.

Construction:

Vinyl and polyester materials | Single-Ply | Neoprene coated
| -55°C to 125°C temperature range
Retractable, Non-collapsible design | Class 1 hard drawn spring steel wire helix | Rated to 100,000 OHMS or less per square inch
Integrated with extended solid grounding wire at each end
| Heat Sealed Seams for smoother surface for better air flow.

Available Sizes (diameter): 12", 16", 24", 32"

Available Length (meter): 15.







Pole Stretcher Foldable

Model Mobilize PS 101

Pole Stretchers feature heavy duty aluminum poles for easy handling and heavy duty, vinyl-coated nylon covers that resist stains, blood and bodily fluids. Nonslip handgrips help EMTs keep a firm grasp on the stretchers.

Features:

- I Durable, vinyl - coated high visibility technical fabric resists stains and will not absorb body or bodily fluids
- I Folds lengthwise and crosswise for compact storage
- I Rugged spreader bars and legs that provide support and comfort.
- I Nonsolid handgrips for firm control while handling
- I Heavy duty aluminum-alloy poles for easy handling
- I Medical Device (93/42/EC) Class 1 **CE**

Product Size (L X W X H)	205 X 53 X 13 cm.
Product Size - Folded (L X W X H)	102 X 17 X 8 cm
Self Weight	4.8 kg
Load Limit	159 kg
Gross Weight	5.5 kg
Lift Type	Horizontal



Rescue Stretcher

Model Mobilize RS 601

The stretcher is fabricated from a special plastic grade which is both flexible and durable. Securing straps with steel buckles are sewn onto the stretcher through brass grommets which contribute to the strength and durability. This stretcher is functional in the desert or jungle. It will not break even at -49°C. Can be used for Horizontal or Vertical lifts.

The original and still the best solution for confined space, high angle or technical rescue, and traditional land based applications; this stretcher is a revolutionary design which provides outstanding patient protection and security. It comes equipped for hoisting by helicopter in horizontal position or hoisting in vertical position in caves or industrial confined spaces. When the patient is packaged, the stretcher becomes rigid. The durable plastic provides protection for the patient while allowing extrication through the most demanding confined spaces. The stretcher is rolled for storage in a tough cordura backpack which is included with the system.

The system ships at 9 Kg. and comes complete for most applications.

- I Medical Device (93/42/EC) Class 1 **CE**

Product Size (L X W X H)	250 X 84 cm.
Self Weight	9 kg
Load Limit	159 kg
Gross Weight	11.5 kg
Lift Type	Horizontal or Vertical





Basket Rescue Stretcher

Model Mobilize BRS301

Constructed of a high-density polyethylene shell supported by a permanently attached, heavy-duty, aluminum frame. Molded-in runners and handholds make it easy to handle. Chemical, UV, rust, and corrosion resistant. Brass grommets are strategically located for quick use with Adjustable Lifting Bridle. Tag lines should always be used when lifting the basket stretcher. Easily replaceable closed-cell foam pad is attached inside the stretcher for patient comfort. Four two-piece quick-release patient restraints are simple to use and permit the rescuers to easily change the position of the straps to fit each patient.

The Two-Piece back packable Basket Stretcher separates in half for compact storage or backpacking to a rescue site.

Features:

- I Ideal for most rescue situations.
- I Brass grommets strategically located for quick use with Adjustable Lifting Bridle
- I Molded runners and handholds make it easy to handle, even over rough terrain.
- I Constructed of a high-density shockproof polyethylene shell, supported by a permanently attached, heavy-duty aluminum frame
- I Closed cell foam pad is attached inside stretcher for patient comfort.
- I Chemical, UV, rust and corrosion resistant
- I Separates for compact storage or backpacking to rescue sight
- I Stretcher halves store nested together.
- I Stretcher is quickly assembled and secured with pins.
- I Equipped with adjustable footrest with ample surface
- I Medical Device (93/42/EC) Class 1 **CE**

Product Size (L X W X H)	216 X 61 X 19 cm.
Product Size - Folded (L X W X H)	130 X 61 X 26 cm.
Self Weight	20 kg
Load Limit	220 kg
Gross Weight	22 kg
Lift Type	Horizontal or Vertical



Universal Head Immobilizer

Model Mobilize UHI401

Universal Head Immobilizer is simple to use, lightweight and easy to clean Composed of two plastic-coated, closed-cell foam head supports, a universal attachment base and two durable head straps. Base plate fits all our aluminum and plastic backboards. Head supports can be used on standard backboards, or turned around for use on any Scoop Stretcher.

Features:

- I Unique head strap is designed to conform patient's forehead.
- I Large ear holes for monitoring the patient
- I Minimal interference with X-ray, MRI, or CT procedures
- I Waterproof plastic coating makes it easy to prevent bacterial growth within components.
- I Will not absorb blood or bodily fluids
- I Easy to clean and decontaminate between uses
- I Medical Device (93/42/EC) Class 1 **CE**

Weight	0.9 kg
Dimensions	26 X 17 X 40 cm.






Back Board Stretcher - Spine Board

Model Mobilize IBS501

Instandhold is a backboard stretcher with two handles at a tapered end to allow for more stable transport. The head area is smooth to insure all head immobilization devices adhere to the board and the edges are angled for log-rolling. Strong, lightweight, one-piece HDPE construction is impervious to all bodily fluids, is easy to decontaminate, and provides 100% x-ray translucency. This board is also buoyant and can be used to float a patient in water. Guaranteed for life under normal usage.

Features:

- I Two handles at tapered end to allow for more stable transport
- I Head area is smooth to insure all head immobilization devices adhere to the board.
- I Angled edges for log-rolling
- I One-piece, high-density, polyethylene plastic construction, with polyurethane foam fill and greater density around the handholds
- I Impervious to all bodily fluids
- I 100[%] X-ray translucent
- I All boards meet OSHA recommendations and are easy to decontaminate
- I Guaranteed for life under normal usage
- I Medical Device (93/42/EC) Class 1 

Product Size (L X W X H)	185 X 45 X 6 cm.
Self Weight	8 kg
Load Limit	159 kg
Gross Weight	10 kg
Lift Type	Horizontal




Stair Chair - Foldable

Model Mobilize SC201

Designed to be stored in small places, the Stair Chair functions well in confined areas such as narrow hallways and multiple-landing stairways. Two rear stationary wheels and two low-profile front guide wheels allows to roll over most carpeted or hard surfaces. Four lifting handles with nonslip handgrips enable EMTs to move the patient safely and easily. Soft vinyl-coated cover is simple and easy to clean, resists blood, stains and bodily fluids. Locking safety latch maintains it in the chair position during use. Safety latch is manually released when the chair is folded for storage. Quick release patient restraint securely holds the patient.

Features:

- I Made from Light Weight & very high duty Aluminium Alloy
- I Safe & Reliable.
- I Specially designed for confined areas such as hallways or multiple-landing stairways; anywhere access is severely limited
- I Two rear stationary wheels and 2 low-profile front guide wheels facilitate transport on most floor types.
- I Locking safety latch maintains chair position during use.
- I With Folding Handles to minimize storage space
- I Can be folded and placed in ambulances, First Aid Rooms, etc...
- I Medical Device (93/42/EC) Class 1 

Product Size (L X W X H)	52 X 48 X 91 cm.
Product Size - Folded (L X W X H)	91 X 52 X 19 cm.
Self Weight	11 kg
Load Limit	159 kg
Gross Weight	13 kg






Neil Robertson Stretcher

Model Mobilize NRS701

The Neil Robertson stretcher is designed for removing an injured person from spaces wherein access, doors, or hatches are too small to permit the use of regular stretchers. Spaces such as engine-room spaces, Cargo holds, Pump rooms, Boiler room etc. are few examples of such compact spaces on ship. The Neil Robertson stretcher is made of flexible semi rigid canvas and can be folded easily when not in use or during accessing small spaces. The stretcher is provided with strong straps which when firmly wrapped around the victim, give strong support to hold the person with almost negligible movement with respect to stretcher, which is very important when rescuing or transferring injured person. The stretcher straps are such made that when tied up over the victim, it covers the person in mummy-fashion, giving sufficient support

Features:

- I The victim is tied up firmly with the stretcher, avoiding unwanted fall.
- I Can be removed vertically from confined spaces like hatches etc, as victim is secured with the stretcher.
- I When a life line is tied to the stretcher, unwanted swaying can be avoided.
- I Easy to use and bring to the accident site.
- I Light weight and ready to use
- I Medical Device (93/42/EC) Class 1 

Packing Size	184 X 16 X 16 cms (Closed)
Frame	Seasoned Hardwood
Outer Material	Heavy Duty Canvas
Load Limit	120 Kg
Lift Type	Horizontal or Vertical



Scoop Stretcher

Model Mobilize SCOOP101

The Mobilize Composite Scoop Stretcher provides superior comfort and safety to patients who need spinal immobilisation. The stretcher supports the patients in the position found and eliminates the need for log-rolls, reducing the risk of further injury.

Features:

- I Made from lightweight, high-impact composite materials
- I Thermally-treated polymer construction does not get too hot or cold
- I Recessed head section to assist with appropriate cervical alignment
- I Narrow foot end for use in confined space immobilisation
- I Oval profile and angled handles provide ergonomic ease of use
- I Four adjustable lengths accommodate patients of different heights
- I Folds compact for storage (optional 385-C Case)
- I X-ray transparent
- I Comes along with 2 restrain straps.
- I Medical Device (93/42/EC) Class 1

Length	118 cm (Folded) / 165 cm (Min) / 202 cm (Max)
Width	43 cm
Height	7cm
Weight	8 kg
Load Limit	159 kg





Scoop Stretcher Aluminium Alloy

Model Mobilize SCOOP102

The Mobilize Aluminium Scoop Stretcher is designed so emergency personnel can uncouple either or both ends of the stretcher and gently scoop up the patient using a scissor-type closing motion. This scoop stretcher is ideal for hip and spinal injuries. The stretcher supports a patient in the position found, reducing risk of further injury.

Features:

- I Twin aluminium safety locks for smooth and non-binding locking and unlocking
- I Telescoping tubes allow length adjustments for various patient heights
- I Narrow foot-end frame for handling in confined areas
- I Open-centre design permits patient to be X-rayed
- I Folds compact for storage
- I Comes along with 2 restraint straps.
- I Medical Device (93/42/EC) Class 1 **CE**

Length	120 cm (Folded) / 166 cm (Min) / 201 cm (Max)
Width	43 cm
Height	7cm
Weight	9.7 kg
Load Limit	159 kg



Staircase EVAC Chair

Model Mobilize EVAC901

The Mobilize EVAC-CHAIR Emergency Evacuation Chair enables evacuation of less mobile persons in emergency situations. The chair has the ability to easily and smoothly transfer a person down a flight of stairs with only a single operator.

The chair is designed to provide security to a user when being moved and is fitted with a forehead restraint, safety buckles, and a sling style seat that ensures the user is sat back in the chair and cannot be tipped forward. The Emergency Evacuation Chair's wheels are supported by specially designed friction belts that ensure the chair does not slip or accelerate too rapidly while descending a flight of stairs. The distribution of the chair's weight and load also ensure that the descent is smooth and comfortable for both the user and also the operator.

Features:

- I Lower, adjustable easy-grip handle for operator control and comfort
- I Lightweight, with compact profile for easy storage and use
- I Seat attached all round, allowing easy lateral patient transfers
- I Removable, adjustable head pad and comprehensive patient restraint
- I Systems to enhance patient comfort and safety

Weight	10.00 Kg
Folded Position	1040x520x200mm
Max Load	180 kgs.

- I Medical Device (93/42/EC) Class 1 **CE**



Carry Sheet

Model Mobilize CSR801

A lightweight and carry sheet designed for emergency personnel evacuation. The MOBILIZE CSR 801 Carry Sheet stretcher is widely accepted as a vital aid in the rapid evacuation of non-ambulance patients from hazardous situations. Casualties are carried via the ten large wrap-around hand loops. It is instantly available in emergency situations. Constructed of heavy-duty rip-stop PVC vinyl, the Carry Sheet stretcher is easily cleaned and reusable. Can be folded and enclosed in a carry bag.

Product Size (L X W X H)	212 X 75 cm.
Product Size - Folded (L X W X H)	88 X 24 cm.
Self Weight	1 kg
Load Limit	159 kg
Lift Type	Horizontal

- I Medical Device (93/42/EC) Class 1 **CE**





Ambulance Stretcher AS101

Model Mobilize AS101

The emergency stretcher is our latest designed products, which can carry patients and the wounded people for the hospitals, emergency centers and battle fields. It's made of high-strength aluminum alloy thick-wall pipe. It's durable, antiseptic and is easy for sterilization.

Features:

- I Durable foam cushion and adjustable back provide maximum comfort
- I Easy to operate by one person can operate.
- I Mechanical foldaway legs are controlled by the handles on one end of the stretcher
- I Legs can be folded under the stretcher automatically when loading onto the vehicle. Stretcher can be locked by the fixing devices (included) when on the ambulance or transporting Legs can be folded under the stretcher automatically when loading onto the vehicle.
- I Size(L X W X H): High position:190 X 55 X 92cm, Low position:190 X 55 X 26cm
- I Maximum Angle of the Back: 60°
- I Medical Device (93/42/EC) Class 1



Packing Product Size	195 X 62 X 28 cm
N.W	36.8 Kg
G.W	43 Kg
Load Weight	159 Kg



Model Mobilize EVAC902

The innovative sliding system allows the operator to control descent of the staircases without having to support any weight. Extending Footrest and lower track angle increase patient sense of security. With 2 belts it provides security during transportation. All Metal Frame Construction provides strength, long service life, and exceptional performance with heavy patients.

Features:

- I The sliding system adjustable: the tightness is adjusted, the user can adjust the tightness
- I Extra wide sliding system for safer and easier transportation during evocation.
- I Three position lift bar help any size operator move the evacuation chair on the stair.
- I Two rear lift handles
- I Rear castor with brakes
- I Headrest included
- I Medical Device (93/42/EC) Class 1

Open Size	Folded	Self weight	Loading	Package	G.W.
98 X 50 X 84 cm	98 X 54 X 35 cm	15 kg	159 kg	110 X 52 X 27 cm	17 kg



Model Mobilize FBVS101

- I Vacuum Immobilization Stretcher Kit
- I This Vacuum Stretcher is made of isolative and cold-resisting PVC.
- I You can rapidly and safely adjust the stretcher to be soft or hard by using the double- action pump, which can be easily and quickly operated.
- I Can be perfectly adjusted to the shape of the body in first aid to avoid second injury caused by disordered moving, such as cervical and vertebral hurt.
- I X-ray/MRI examination allowed.
- I Can be used in the patient transportation by road, sea and air.
- I Specially applicable for first-aid centers, hospitals, schools, the army, gymnasiums and stations, where accidents occur frequently.
- I Medical Device (93/42/EC) Class 1 **CE**

Product Size (L × W × H)	Width Head / Middle / Foot	Length	N.W.	G.W.
78 × 39 × 36 cm.	80 / 88 / 80 cm.	200 Cm.	10 Kg.	11 kg.



MOBILIZETM
stretchers

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