Mortuary Products
Available from EMS Innovations, Inc.
Mortuary Products Catalog

Recommendations for individuals who must have direct contact with human remains

Human remains may contain blood-borne viruses such as hepatitis viruses and HIV, and bacteria that cause diarrheal diseases, such as shigella and salmonella. These viruses and bacteria do not pose a risk to someone walking nearby, nor do they cause significant environmental contamination.

Bacteria and viruses from human remains in flood water are a minor part of the overall contamination that can include uncontrolled sewerage, a variety of soil and water organisms, and household and industrial chemicals. There are no additional practices or precautions for flood water related to human remains, beyond what is normally required for safe food and drinking water, standard hygiene and first aid.

However, for people who must directly handle remains, such as recovery personnel, or persons identifying remains or preparing the remains for burial or cremation, there can be a risk of exposure to such viruses or bacteria.

Workers who handle human remains should use the following precautions:

• Protect your face from splashes of body fluids and fecal material. You can use a plastic face-shield or a combination of eye protection (indirectly vented safety goggles are a good choice if available; safety glasses will only provide limited protection) and a surgical mask. In extreme situations, a cloth tied over the nose and mouth can be used to block splashes.
• Protect your hands from direct contact with body fluids, and also from cuts, puncture wounds, or other injuries that break the skin that might be caused by sharp environmental debris or bone fragments. A combination of a cut-proof inner layer glove and a latex or similar outer layer is preferable. Footwear should similarly protect against sharp debris.
• Maintain hand hygiene to prevent transmission of diarrheal and other diseases from fecal materials on your hands. Wash your hands with soap and water or with an alcohol-based hand cleaner immediately after you remove your gloves.
• Give prompt care—including immediate cleansing with soap and clean water, and a tetanus booster if indicated—to any wounds sustained during work with human remains.
• In addition to guarding physical safety, participate in available programs to provide psychological and emotional support for workers handling human remains. Agencies coordinating the management of human remains are encouraged to develop programs providing psychological and emotional support and care for workers during and after recovery activities.

Other Considerations

From the public health perspective of lowering the risk of possible infectious disease transmission, there is no requirement for mass burials or cremation. Response workers should assist local communities to identify a safe location for holding remains awaiting identification. This location should be shielded from public view if possible, and remains should be protected from scavenging animals.

If available, use body bags to contain remains. If available, refrigeration can reduce the rate of decay and facilitate identification.

The sight and smell of decay are unpleasant, but they do not create a public health hazard.

Excerpted from: “Recommendations for individuals who must have direct contact with human remains” Content source: National Center for Environmental Health (NCEH)/Agency for Toxic Substances and Disease Registry (ATSDR), National Center for Injury Prevention and Control (NCIPC). Available at: http://www.bt.cdc.gov/disasters/handleremains.asp
**ICE**

Interchangeable Cooling Environment

EMS INNOVATIONS, INC.

**Water-based Mortuary Cooling System**

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**Features**

- **Easy to Use:** Simply add water, set the thermostat and start cooling. No block ice required!
- **Flexible Power Options:** Battery can be charged separately from the unit which allows for a second battery to be used while one is charging. The ICE® System can also be used with the included power cord for extended cooling applications.
- **One Unit... Many Options:** All accessories plug directly into this unit. All connections are leak-proof and all tubing is insulated for optimum cooling.
- **Accurate:** Monitor temperature and water flow with the LCD screen on the top of the unit.
- **Clean:** The ICE® System uses only water and is environmentally friendly. It requires no special chemical be stored and/or drained from the unit after use.

---

**Uses in:**

- **Intervention** (Therapy Kits)
- **Prevention** (Rehab Kits)
- **Preservation** (Mort Kits)

**Applications in:**

- HAZMAT Trucks
- Military
- PICU
- ICU
- Morgue
- Rehabilitation
- Patient Transport

---

**The ICE Unit is an excellent addition to any mobile mortuary system!**

The EMS Innovations ICE® unit provides controlled cooling by utilization of an LCD thermostat to set the temperature of the cooling fluid (water). It can be set to an exact parameter. By eliminating the use of Gluteraldehyde The ICE system ensures environmental safety and lower operating costs.

The Mortuary Cooling Pad can be put into a body bag to help preserve tissue in cadavers during transportation. The Pad can be decontaminated and reused. It is great when temperatures are high and can effectively preserve tissue. This system is designed for transport to a facility with extended preservation capabilities such as a refrigerated trailer.

The ICE® System is appropriate for use in multiple environments allowing First Responders, Hospital Personnel, and Medical Examiners to utilize one device for many applications. Save time and money with one device that can help prevent and treat injury and illness as well as preserve human remains!

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**Kit # | Kit Name | Components of Each Kit**
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EM560 | Mortuary Kit 1 | 1 - ICE® Unit, 1 - Multi-Port Connection Hose, and 4 - Cooling Pads
EM561 | Mortuary Kit 2 | 2 - ICE® Units, 2 - Multi-Port Connection Hose, and 8 - Cooling Pads
EM538 | 2-Wheel Cart | Accessory Cart for ease of transport

*Each package includes the ICE® Unit, 24v Battery, Battery Charger, and Power Cable.*

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**Visit www.emsinnovations.com for a video about this system**

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**Contact Information**

Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com

Visit www.EMSInnovations.com for the latest pricing and products.
The disaster casket allows for fast and secure containment and handling of deceased persons. Assembly is fast and easy. Constructed of U.S. Government specification corrugated cardboard, the disaster casket configures quickly into its casket form ready for temporary containment.

**FEATURES:**
- Made in the U.S.A
- Stores in compact 2” flat pack
- Fast easy one piece assembly
- Dimensions: 24"W x 78"L x 12"H
- Optional fluid tight liner
- Interlocking stack tabs
- Stackable to 3 high
- 500 lb. capacity
- Waterproof
- U.S. Government spec. corrugated cardboard #ppp-b-640d
- Hose inlet for MercSystem
- Compatible with 2, 3 and 4 tier cadaver racks

**Disaster Casket**

**EM367** Disaster Casket (ea.)
**EM368** Disaster Casket (Pack of 3)
**EM467** Disaster Casket (skid of 25)
**Dispos-A-Board®**
Exclusively Manufactured by EMS Innovations

**FEATURES:**
- Made in the U.S.A
- Stores Flat – 1 3/4" Thick
- 500 lb. Capacity
- Weather Resistant Cost Effective
- 16" x 72", Weighs Less Than 8 lbs.
- Easy-to-use VELCRO® brand VEL-LOC® closure for fast assembly
- U.S. Government Spec. Corrugated Cardboard #PPP-B-640D
- Individually Packaged For Extra Board Protection
- Bio-Degradable; Meets All OSHA Standards
- Also available With Auto-Cradle® Head Immobilizer, Easy-Grip® Straps, and Collar In One Complete Package!

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**Disaster Body Bags**
(Transport Pouches / Disaster Pouch)

<table>
<thead>
<tr>
<th>Adult Size Disaster Body Bags (aka Transport Pouches / Disaster Pouch)</th>
<th>XL Adult Bariatric Size Disaster Body Bags (aka Transport Pouches / Disaster Pouch)</th>
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<tr>
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<td>100% Leak Proof</td>
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EM4900  Disaster, Adult, Post Mortem Bag - 5/case  EM315  Body Bag, XL, Bariatric - 4/case
EM4901  Disaster, Adult, Post Mortem Bag - ea  EM314  Body Bag, XL, Bariatric - ea.

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**Plastic Stretcher**

Yellow high-density polyethylene shell, supported by a stainless steel outer rail, permanently attached with stainless steel semi-tubular rivets. Features molded runners fully exposed outer rail, non-absorbent foam pad secured to stretcher and four patient restraint straps. Ideal for unusually rugged rescue situations such as industrial, mining or construction. Patent Pending.

Dimensions: 84 1/2" L; 24" W; 7 1/2”

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Visit www.EMSInnovations.com for the latest pricing and products
Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
BioSeal Systems TC BAG

The newest of technology in body bags is a translucent, self-sealing containment device for Human Remains. Delivered as a single pouch that can be trimmed to fit any size of remains and then stored, shipped or cremated.

Each bag comes with a simple brown craft paper liner that can be discarded, utilized as an absorbent pad or used to conceal the remains. The plastic layers are coated with a proprietary adhesive formula that will not stick to any surface other than itself, so it is absolutely safe around the delicate tissue of remains.

System Details
Each bag comes with a simple brown craft paper liner that can be discarded, utilized as an absorbent pad or used to conceal the remains. Once sealed the TC bag can be opened for inspections and resealed as many times as you like. Each TC bag will contain and hold up to 275 lbs of weight and are packed at 10 units to a box for delivery.

“The TC BodyBag® is more effective at confining odor due to decomposition than anything we have EVER used... They work so well it is actually hard for us to believe.” - John Craig, Ramsey Funeral Homes

QUICK FACTS:
• Dimensions - 108” x 40”
• Carrying capacity - up to 275 lbs

DETAILS:
Once sealed, the transparent TC BodyBag® should not need to be re-opened for viewing of the remains. In the case that you need to reopen the bag, it can be cut open and resealed as many times as needed; just remember that the adhesive will only stick to itself.

EM1427 TC Bag - 10/set
EM1427-E TC Bag, each

BioSeal Systems Mini System

The BioSeal Mini System is an alternate solution to the BioSeal Facility System for operations with storage limitations or very low-volume processing requirements (2 decedents per month). You may not face containment emergencies on a frequent basis, but when you do, you’ll have the fully-kitted BioSeal Mini System easily accessible to provide Biosafety Level 4 containment of potentially hazardous human or animal remains.

“The BioSeal Mini System is an alternate solution to the BioSeal Facility System for operations with storage limitations or very low-volume processing requirements (2 decedents per month). You may not face containment emergencies on a frequent basis, but when you do, you’ll have the fully-kitted BioSeal Mini System easily accessible to provide Biosafety Level 4 containment of potentially hazardous human or animal remains.

“I’ve been in this business for over 25 years and, in my opinion, the BioSeal Systems solution is one of the most important innovations we’ve seen in this industry. This technology has been a boon for my business and a blessing for my customers.”
— Randy M. Ziegler, President, Malinow & Silverman Mortuary

QUICK FACTS:
•  Storage Footprint: 1 sq ft/0.09 sq m
•  Shipping Weight: 55 lbs
•  Accommodates approximately 12 decedents
•  4-to 8-week fulfillment period

THE BIOSEAL MINI SYSTEM INCLUDES:
1 - Roll of BioSeal Systems Material (100’ x 36”)
1 - 110v Hand-Held ThermoSealer
1 - Training Demo CD

EM1410 BioSeal Mini System

Visit www.emsinnovations.com for a video about this system
BioSeal Systems Mass Fatality Response System

Configured for travel to any disaster or crime scene, the BioSeal Portable System is fully contained in a durable, lightweight carrying case providing for a variety of response scenarios, which is critical when body or evidence fragments are scattered. This fully-kitted, battery powered system includes everything you need to provide Biosafety Level 4 containment in the field—protecting you, your evidence and your community.

“There is no other product on the market that provides Biosafety Level 4 containment and that is a feature that is non-negotiable when we’re planning for scenarios that might involve biochemical or radioactive agents.”
—Bob Gerber, Deputy Chief, Law Enforcement Branch California Emergency Management Agency

QUICK FACTS:
- Storage Footprint: 16 sq ft/1.49 sq m
- Shipping Weight: 2,200 lbs
- Accommodates approximately 750 decedents

THE BIOSEAL HUMAN REMAINS SEALING STATION INCLUDES:
- 1 - Reclosable Container on Pallet with Skids
- 1 - Vertical Dispensing Rack
- 25 - Rolls of BioSeal Systems Material (150’ x 36” each)
- 3 - Retaining Clips
- 3 - 110v ThermoSealers
- 1,500 - Clear Adhesive Data Pouches
- 1 - DC Power Inverter
- 1 - Box Black Markers
- 3 - Pairs of Scissors
- 1 - Extension Power Cords
- 1 - Training Demo CD

BioSeal Systems Facility System

The flagship solution, the BioSeal Facility System provides complete odor control and Biosafety Level 4 containment of human and animal remains. Our easy-to-use, patented system enables you to heat seal your biohazardous remains in our lightweight, flexible, metalized material. This system uses a convenient, wheeled vertical dispenser, making it ideal for everyday use in the prep room or morgue.

“Our investment in the BioSeal System technology has paid for itself many times over, in both measurable profits as well as immeasurable customer satisfaction and peace of mind.”
—Randy M. Ziegler, President Malinow & Silverman Mortuary

QUICK FACTS:
- Storage Footprint: 1 sq ft/0.09 sq m
- Shipping Weight: 105 lbs
- Accommodates approximately 25 decedents

THE BIOSEAL FACILITY SYSTEM INCLUDES:
- 1 - Vertical Dispensing Rack
- 1 - Roll of BioSeal Material (150’ x 36”)
- 1 - Retaining Clip
- 1 - 110v Hand-Held ThermoSealer
- 1 - Roll of Biohazard Warning Tape
- 1 - Attached Razor Knife
- 1 - Extension Power Cord
- 1 - Training Demo CD

Visit www.emsinnovations.com for a video about this system
Previously, the only equipment available to solve the issue of mass fatality cold storage was oversized walk in refrigerators or refrigerated tractor trailers. Both are functional solutions but also have many drawbacks when responding to any mass fatality incident. Using liquid cooling technology and specifically designed cooling bags, the MERC System™ provides the total solution to mass fatality response. The MERC System™ is the only system available that does not use chilled air to provide cooling of human remains.

**MERCSys**

(Mortuary Enhanced Remains Cooling)

**TCS Series 1**

- **Color Options**
  - Olive Drab (OD)
  - Sand (SD)

- **Machine Dimensions**
  - 43” L x 32” W x 39” H
  - Dry Weight: 495 pounds
  - 220 Volt / 30 Amp / Single Phase

- **Package Includes**
  - 1 - 2 ton MERC cooling unit
  - 1 - main supply / return manifold
  - Supply / return hoses
  - Cooling pads

- **Color Options**
  - Olive Drab (OD)
  - Sand (SD)

- **Machine Dimensions**
  - 36” L x 22” W x 28” H
  - Dry Weight: 350 pounds
  - 220 Volt / 30 Amp / Single Phase

- **Package Includes**
  - 1 - 1 ton MERC cooling unit
  - 1 - main supply / return manifold
  - Supply / return hoses
  - Cooling pads

- **Machine Dimensions**
  - 27” L x 18” W x 32” H
  - Dry Weight: 240 pounds
  - 110 Volt / 30 Amp / Single Phase

- **Package Includes**
  - 1 - 3/4 ton MERC cooling unit
  - 1 - main supply / return manifold
  - Supply / return hoses
  - Cooling pads

- **Machine Dimensions**
  - 27” L x 18” W x 32” H
  - Dry Weight: 240 pounds
  - 110 Volt / 30 Amp / Single Phase

- **Package Includes**
  - 1 - 3/4 ton MERC cooling unit
  - 1 - main supply / return manifold
  - Supply / return hoses
  - Cooling pads

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  - 27” L x 18” W x 32” H
  - Dry Weight: 240 pounds
  - 110 Volt / 30 Amp / Single Phase

- **Package Includes**
  - 1 - 3/4 ton MERC cooling unit
  - 1 - main supply / return manifold
  - Supply / return hoses
  - Cooling pads
**Post Mortem Identification Kit**

With the responsibility placed on hospitals, coroners, medical examiners and emergency managers to process and identify human remains during a mass fatality incident, resources and equipment will become very limited. With the assistance of many different agencies a field deployable kit that will allow responders to collect, secure and transfer personal property, fingerprints and DNA, all in the field is an asset. Each kit contains enough equipment to process 100 sets of human remains. Kit can be custom tailored to customer’s needs or requirements.

**KEY FEATURES**
- Designed to help responders collect, secure, and transfer personal property, fingerprints and DNA
- Field deployable
- Contains enough equipment to process 100 sets of remains
- Contains in watertight storage case

**KIT CONTAINS:**
- Buccal swab kits, Property bags, Chain of possession labels, Fingerprint strips, Fingerprint spoons, Fingerprint pads, Ink, Evidence ruler tape, Tyvek tags, Markers & Fingerprinting instruction sheets.

**COOLING BODY BAG FEATURES:**
- Heavy Duty .020 Gauge vinyl
- Envelope Style Zipper
- 6 Handles
- Interior Vinyl Liner
- Dual Zipper Pulls
- Removable and Replaceable Cooling Pad (2)
- Activated Carbon Filter for Odor Control
- Reusable

**Sizes:**
- Adult – 36” x 90”
- Adolescent – 31” x 49”
- Infant – 18” x 28”

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EM1360 / EM1361 / EM1362

Postmortem ID Kit w/o Camera

Postmortem ID Kit w/Camera

EM1361

EM1362

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Visit www.EMSInnovations.com for the latest pricing and products
Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
Bio Air Scrubber Negative Air Machines

Novatek 2000

Designed to control infectious aerosols and toxic vapors likely to be present in a mass fatality mortuary atmosphere.

The Novatek 2000 cfm Bio Air Scrubber uses a HEPA filter for infectious aerosol particles and is also equipped with a special potassium permanganate impregnated media for vapor/odor control. Novatek chose potassium permanganate impregnated media for their HS-600 filter because of its efficiency in capturing formaldehyde, a dangerous vapor.

FEATURES:

- Powerful 3/4 HP motor generates exceptional, consistent flow rate and utilizes all filter media area
- 2 speed motor - provides consistent airflow of 1000 cfm (high speed) and 500 cfm (low speed)
- 8 point motor / cage mounting prevents motor and cage shifting even under the harshest conditions
- Seamless construction guarantees leakproof operation
- Lightweight design with incorporated skids allow for easy and safe transport
- Positive lock filter prevents filter movement for uninterrupted filtration
- Uses standard 16” × 16” HEPA filters, rated 99.99% efficiency against 0.3 micron particles

Novatek 1000

Designed to control infectious aerosols and toxic vapors likely to be present in a mass fatality mortuary atmosphere.

The Novatek 1000 cfm Bio Air Scrubber uses a HEPA filter for infectious aerosol particles and is also equipped with a special potassium permanganate impregnated media for vapor/odor control. Novatek chose potassium permanganate impregnated media for their HS-600 filter because of its efficiency in capturing formaldehyde, a dangerous vapor.

Novatek 1000 is ideal for smaller rooms and can be used as a Bio Air Scrubber or to bring entire room under negative air pressure.

FEATURES:

- More Power: The most powerful air mover in its class. The heavy duty 2 HP blower delivers constant airflow with little effort. Move the same volume of air with fewer machines!
- Virtually Indestructible: The heavy duty roto-molded polyethylene shell is dent proof, leakproof, virtually indestructible and very easy to decon.
- Specialized 4 Stage Filtration System: The only machine to feature a tool-less filter replacement.
- Ultimate Mobility: Built-in, integrated handles are molded directly into the machine for easy lifting. No hardware to tear off or break. The “guillotine” style door simply slides on or off without hardware! Change standard intake door to a 12” flanged door in seconds!
- Stackability: Built-in “caster nests” allow you to easily and securely stack units! Integral stacking channel allows for a 1/2” ratcheting strap to positively secure units! Ideal when space is a consideration.

A mass fatality mortuary atmosphere most likely will contain some, if not all, of the following toxic substances:

- Infectious Aerosols: Present in a natural event such as a infection Control or a man-made or natural bio release.
- Methyl Mercaptan: A natural substance released from decaying matter. This is not toxic; however, it has the odor of rotting cabbage. Most people have experienced the odor as it is added to natural gas to make it easier to detect in case of a leak.
- Hydrogen Sulfide: A colorless flammable gas, very toxic with a “rotten egg” smell. Some common names for the gas include sewer gas, swamp gas, and manure gas. In a mortuary setting, hydrogen sulfide is produced by bacterial breakdown of organic materials and human waste.
- Formaldehyde: Used in the embalming process or when a corpse is totally submersed as a preserving liquid. Exposure above 25ppm can cause pulmonary edema (fluid in lungs) which may lead to death.
- Alcohol: Most Formaldehyde solutions contain 6-15% alcohol which is used as a cosolvent disinfectant.

The filters for the Novatek Bio Air Scrubber are packaged separately with installation instructions included. There are no tools required and installation takes less than 5 minutes per unit.
PASS-MINI
Portable Air Safety System

**FEATURES**
- Ducting: 2 inlets with adjustable dampers for flow control 1-10" and 1-6"
- 2 outlets with adjustable dampers for flow control 1-10" and 1-6"
- Draw air from two different sources and exhaust air to two different areas allowing unlimited negative and positive pressure control
- Decon ozone generator timer controlled 2.1 micro gram per hour
- Includes safety key lock out for use by qualified personnel
- UV 5 high intensity UV lamps focused on the HEPA filter
- Filter High capacity HEPA, Deep V configuration 99.999% @ .3 micron
- Prefilter Option for use in dirty environments
- Room pressure monitoring, digital display with audio and visual alarm for failure
- Filter pressure monitoring, digital display, audio and visual alarm for failure
- UV monitoring, individual bulb monitoring, digital display, visual alarm for failure
- ¼ turn door fasteners for easy filter access
- Data logging all aspects monitored, USB thumbnail drive for download to PC
- Top utility tray (caddy) available as an option

**SPECIFICATIONS**
- Air Flow H 744 CFM
- Air Flow L 248 CFM
- Full range electronic speed control
- Power 115 volt 5 amps 575 Watts
- 60hz 12.5”L x 36”W x 32”T
- 120 pounds

**EM11004 PASS-Mini**

Available as a complete system with a choice of EMS Innovations Anterooms

PASS-700
Portable Air Safety System

**SPECIFICATIONS**
- 500 - 700 CFM Capacity
- Heavy-Duty 16 guage metal cabinet
- Oversized HEPA Filter
- Ultraviolet Lamps
- Ozone Capabilities
- Rapid Change Filter
- Ability to test the air during operation
- Dual speed fan
- Front and rear duct adapters
- 37.5”L x 16.5”W x 32.5”H
- 152 pounds

EM11007 PASS-700

PASS-1000
Portable Air Safety System

**SPECIFICATIONS**
- 1000 CFM Capacity
- Heavy-Duty 16 guage metal cabinet
- Oversized HEPA Filter
- Ultraviolet Lamps
- Ozone Capabilities
- Rapid Change Filter
- Ability to test the air during operation
- Dual speed fan
- Front and rear duct adapters
- 44.5”L x 19.5”W x 32.5”H
- 220 pounds

EM11008 PASS-1000

PASS-1600
Portable Air Safety System

**SPECIFICATIONS**
- 1600 CFM Capacity
- Heavy-Duty 16 guage metal cabinet
- Oversized HEPA Filter
- Ultraviolet Lamps
- Ozone Capabilities
- Rapid Change Filter
- Ability to test the air during operation
- Dual speed fan
- Front and rear duct adapters
- 36.5”L x 18.5”W x 41”T
- 236 pounds

EM11005 PASS-1600

Visit www.EMSInnovations.com for the latest pricing and products
Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
**Formaldehyde Spill Response™ Kit**

- **FEATURES**
  - FSC-1™ to aid in reducing exposure to formaldehyde gas in the event of a spill.
  - The formalin is transformed into an easily removable semi-solid mass.
  - The resulting mass cools rapidly minimizing formaldehyde off-gassing.

**EM13044** Formaldehyde Spill™ Response Kit (Hard Case)

**EM13045** Formaldehyde Spill™ Response Kit (Refill)

**FSC-1™ Formalin Spill Control**

Aids in reducing exposure to formaldehyde gas by immobilizing formalin and transforming it into an easily removable semi-solid mass. The resulting mass cools rapidly to minimize formaldehyde off-gassing.

**EM13035** FSC-1, 11oz., 12/case

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**Glutaraldehyde Clean-Up™ Kit**

- **FEATURES**
  - GPT-1™ pre-treatment and neutralizer, and Green Z™ fluid control solidifier.
  - Sprinkle GPT-1™ over the glutaraldehyde spill. The spill turns brown when it has been neutralized.
  - Sprinkle Green Z™ to turn the neutralized spill into a semi-solid mass.

**EM13046** Glutaraldehyde Clean-Up™ Kit (Hard Case), 12/Case

**EM13047** Glutaraldehyde Clean-Up™ Kit (Poly Bag), 12/Case

**Green Z™ Spill Control Solidifier**

A versatile and incinerator friendly fluid control solidifier that can be used in the clean-up of body fluids, chemical or mercury spills. Recommended for use in hospitals, clinics, laboratories, nursing homes, schools, law enforcement agencies, institutions and more.

**EM13021** Safety Pac, 2g, 500/Case

**EM13022** Shaker Top Bottle, 15 oz., 12/Case

**EM13023** Single Use Pouch, 2 oz., 100/Case

**EM13024** Single Use Pouch, 21g., 100/Case

**EM13025** Shaker Top Bottle, 5 oz., 24/Case

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**Shroud Kit**

Clean and Simple All in One Kit

- Each kit comes prepackaged in a polyethylene bag that can also be used to hold personal effects.
- Features a white opaque water-resistant plastic sheet with a linen-like finish
- Helps retain fluids

**Kit Contains:**
- 11oz. bottle of FSC-1™ solidifier
- nitrile gloves
- vented goggles
- scoop/scaper (4)
- respirator
- wiper pads (3)
- open backed gown
- 30 gallon bags (4)

**Shroud Kit**

**EM13060** Shroud Kit

**Kit Contains:**
- 1 CPE Shroud Wrap - 54”×108”
- 1 PP Chin Binder - 9cm×120cm
- 1 Underpad - 40cm×60cm
- 3 Toe Tag with 36” Thread - 11cm×5.5cm
- 1 Heat Sealed Polybag

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**KIT CONTAINS:**
- Green Z™ solidifier
- High risk gloves
- GPT-1™ pouch
- Instructions
- Goggles
- Disposal bag

**Kit Contains:**
- Green Z™ solidifier
- High risk gloves
- Goggles
- Disposal bag

**KIT CONTAINS:**
- 1 CPE Shroud Wrap - 54”×108”
- 1 PP Chin Binder - 9cm×120cm
- 1 Underpad - 40cm×60cm
- 3 Toe Tag with 36” Thread - 11cm×5.5cm
- 1 Heat Sealed Polybag
**Half-Mask Respirators**

**KEY FEATURES**
- Cartridges are pre-assembled for convenience and eliminates assembly mistakes
- Rolled edges, broad sealing flange, and forward angled nosepiece provide secure, comfortable fit
- Perspiration port reduces facepiece slippage and skin irritation
- Sliding suspension for easy donning
- Low-profile nose bridge accommodates eyewear
- Use until cartridges are expended
- Replacement parts and decontamination concerns eliminated
- Packaged in a reseal bag to protect from contamination when not in use

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<th>Description</th>
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<td>Medium UNI-SORB Multi-Contaminant Respirator</td>
<td>Medium UNI-SORB Multi-Contaminant Respirator</td>
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<tr>
<td>EM9215</td>
<td>Medium Organic Vapor Respirator</td>
<td>Medium Organic Vapor Respirator</td>
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<tr>
<td>EM9216</td>
<td>Medium Organic Vapor Respirator w/R95</td>
<td>Medium Organic Vapor Respirator w/R95</td>
</tr>
<tr>
<td>EM9217</td>
<td>Medium Organic Vapor and Acid Gas Respirator</td>
<td>Medium Organic Vapor and Acid Gas Respirator</td>
</tr>
<tr>
<td>EM9218</td>
<td>Medium P100 Respirator</td>
<td>Medium P100 Respirator</td>
</tr>
<tr>
<td>EM9219</td>
<td>Medium UNI-SORB and P100 Respirator</td>
<td>Medium UNI-SORB and P100 Respirator</td>
</tr>
</tbody>
</table>

**Disposable Coveralls**

**FEATURES:**
- Full-length white coverall
- Zippered front closure
- Comfortable spun bonded non-woven material
- Elasticized wrists and ankles

**Procedure Masks**

**FEATURES:**
- Blue pleated ear loop procedure masks with glass-free filter
- Optically clear plastic wraparound face shield which provides protection for the face and eyes against pathogens contained in body fluids

**Procedure Masks with Face Shield**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM9012</td>
<td>Safety Glasses, black frame w/clear lens</td>
<td>Safety Glasses, black frame w/clear lens</td>
</tr>
<tr>
<td>EM9013</td>
<td>Safety Goggles, patriot style w/clear lens</td>
<td>Safety Goggles, patriot style w/clear lens</td>
</tr>
<tr>
<td>EM9014</td>
<td>Safety Goggles, &quot;over the glasses&quot; style w/clear lens</td>
<td>Safety Goggles, &quot;over the glasses&quot; style w/clear lens</td>
</tr>
</tbody>
</table>

**Safety Goggles**

**FEATURES:**
- Contemporary, lightweight unilens offers panoramic vision
- Easy and economical lens replacement system
- Adjustable DuoFlex™ temples

**Procedure Masks with Face Shield**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Description</th>
</tr>
</thead>
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<tr>
<td>AEL09MS-03-ISOS</td>
<td>LATEX FREE</td>
<td>LATEX FREE</td>
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</tbody>
</table>

**North V-Maxx® Goggle**

North V-Maxx® Goggle with sleek wrap-around styling for a 180° clear field of vision also offers pivoting headband clips to adjust strap around hard hats or hearing protection. Direct ventilation style for Impact applications. Can be worn over most prescription eyewear (OTG compatible). Clear lens with Fog-Ban Anti-Fog lens coating, and elastic headband.
NEWLY REDESIGNED FOR 2015!

- No external frame or attachment to stretcher needed for operation.
- New integral supports fold flat with the barrier to allow for compact storage.
- Fewer parts to misplace.
- Quicker setup
- More versatile and customizable interchangeable port attachments

Specifications:
- Air Exchanges: >12 Per Hour
- Dimensions: 80”L x 24”W x 24”H (193 x 69 x 46cm)
- Weight: 10 lbs. (4.5kg)

COMPLETE SYSTEM FEATURES:
- Puncture, flame and chemical resistant PICS Barrier with interchangeable glove ports, patient restraints and full length, air-tight zipper and secondary inner zipper
- Ability to be decontaminated with heavy permeation resistance
- 8” x 8” x 7” pass-through bag with double zipper for relaying medications, syringes, etc.
- 10 - Glove Ports with interchangeable Nitride gloves
- 5 - Customizable and interchangeable pass-thru ports for IV, O2 and other line access to patient
- 27” On-Board LED lighting strip (42 LEDs) w/rechargeable battery pack (12V / 400 Peak AMPS)
- EMS Innovations Mesh Stretcher in carry bag
- Powered Air Purifying Respirator (PAPR) allowing dual canister use and up to 16 hours of filtration, hot-swap capability, rechargeable battery and charger
- (2) HE-P100 & (1)HEPA-OVAG canisters included
- Nylon Carrying bag for PICS Barrier
- Integrated pocket system for use with any Backboard or stretcher

MCI Mesh Stretcher - Holds up to 500 lbs. Includes two integral Velcro patient straps and a carrying case.
Specifications: Dimensions: 22” x 88”, Weight: 21 Lbs., Stretcher sits 5” off the floor (44” x 10” x 3” when folded).

THE COMPLETE SOURCE for DISASTER RESPONSE
Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com

MORTUARY PRODUCTS CATALOG
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Bioquell BQ-50
Automated Room Disinfection Technology designed for hospitals

**Eliminate Pathogens and reduce HAIs**

Automated room disinfection technology

Nosocomial pathogens like Clostridium difficile, MRSA and VRE continue to cause problems in hospitals. The growth of antibiotic-resistant bacteria is now a global problem with experts and world leaders worried about the onset of a post-antibiotic age and escalating costs.

In particular, there are major clinical challenges linked to Gram-negative bacteria which are responsible for numerous healthcare-associated infections (HAIs). The number of viable antibiotics are going down fast, particularly for the treatment of problematic Gram-negative bacteria including Acinetobacter baumannii, Klebsiella pneumoniae and Pseudomonas aeruginosa.

Eliminating pathogens, eliminating doubt

Research shows that ensuring successful eradication of all pathogens from the environment is essential to reduce HAIs. Bioquell’s automated room disinfection technology ensures all high-touch surfaces are decontaminated.

Bioquell’s unique Hydrogen Peroxide (HP) Vapor bio-decontamination technology works. It has been shown to reduce HAI rates in numerous independent, published scientific studies as well as ‘real-world’ deployments at top hospitals. The threat of increasing antibiotic resistance has driven the development of the new Bioquell BQ-50 – which draws upon all of Bioquell’s ‘microorganism’ eradication expertise and experience.

**Bioquell BQ-EMS**

Automated Disinfection System designed specifically for EMS

- **APPLICATIONS OF THE BQ-50 SYSTEM:**
  - Reactive bioquelling
    - Hospital-wide
    - Norovirus eradication
    - C. difficile outbreak
    - CRE/CPE outbreak
    - Resistant NDM strains
    - Ebola preparedness
    - ICU
      - Acinetobacter baumannii outbreak
      - Klebsiella pneumoniae in cardiothoracic ICU
      - Serratia marcescens outbreak in neonatal ICU
    - Bone marrow transplant
    - Orthopedic / spinal
    - Emergency response vehicles
    - Ambulance bio-decontamination
  - Select bioquelling
    - Specialist hospital applications
      - Neonatal incubators in NICU
      - Children’s toys in pediatrics
      - Operating rooms
      - Emergency Departments
      - Renal/dialysis units
    - Other specialist units
      - High dependency / step down
      - Oncology
      - Hematology
      - Elderly care
      - Acute care unit
      - Orthopedic / spinal
    - Routine healthcare applications
      - Units/rooms post-building works (for eradication of Aspergillus spores)
      - Units/rooms post-sprinkler set-off or flooding
    - Ambulance deep clean

- **FEATURES OF THE BQ-EMS SYSTEM:**
  - Lightweight, durable, and portable
  - Works with rigs of any configuration
  - Wireless connectivity
  - Decontaminate a rig with a single button
  - Sterilizes all exposed surfaces and eliminates dangerous pathogens
  - No harsh odors and residue free
  - Disinfects with an EPA registered sterilant
  - Emits an invisible vapor, not a mist (Decontaminate sensitive equipment and electronics safely)

**NEW!**

HP VAPOR IS A DIFFERENCE MAKER

- Kill pathogens everywhere in the rig
- Never miss a spot. Eliminate over 99.9999% of C. diff, MRSA, CRE, MERS, norovirus and more from every exposed surface.
- Be ready for Ebola and emerging threats
- Used to decontaminate ambulances, planes, and patient areas exposed to Ebola infected patients.
- Proven to make a difference
- Over a decade of data in well-respected journals regarding Bioquell’s efficacy and clinical impact.
- Trusted every day around the world
- EMS crews, hospitals, government facilities, and pharmaceutical companies use Bioquell daily.
- Decontaminate more than the rig
- Safely disinfect tough to clean equipment, sensitive electronics, stretchers, and more.

Visit www.EMSInnovations.com for the latest pricing and products

Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
Cadaver Racks

4-TIER RACK FEATURES:
- Overall dimensions & weight:
  36” Rack: 80.6”L x 38.6”W x 73”H (125 pounds)
  30” Rack: 80.6”L x 32.6”W x 73”H (111 pounds)
  24” Rack: 80.6”L x 26.6”W x 73”H (104 pounds)
- Interior opening per tier:
  36” Rack: 36”W x 15”H
  30” Rack: 30”W x 15”H
  24” Rack: 24”W x 15”H
- All racks are 10”D in collapsed form
- Features removable roller guide rails
- Maximum capacity: 1,000 pounds

EM1368 4-tier Cadaver Storage Rack - 36” Wide
EM1369 4-tier Cadaver Storage Rack - 24” Wide
EM1370 4-tier Cadaver Storage Rack - 30” Wide

3-TIER RACK FEATURES:
- Overall dimensions & weight:
  36” Rack: 80.6”L x 38.6”W x 57”H (125 pounds)
  30” Rack: 80.6”L x 32.6”W x 57”H (111 pounds)
  24” Rack: 80.6”L x 26.6”W x 57”H (104 pounds)
- Interior opening per tier:
  36” Rack: 36”W x 15”H
  30” Rack: 30”W x 15”H
  24” Rack: 24”W x 15”H
- All racks are 10”D in collapsed form
- Features removable roller guide rails
- Maximum capacity: 1,000 pounds

EM1388 3-tier Cadaver Storage Rack - 36” Wide
EM1389 3-tier Cadaver Storage Rack - 24” Wide
EM1390 3-tier Cadaver Storage Rack - 30” Wide

Inflatable Shelters
Quick and Easy setup!

Great for temporary mortuary facilities!

Covers available for all racks
18’ Mobile Morgue Trailer

When a disaster strikes many resources are geared toward caring for those who are injured. What happens to those who do not survive? There may not be adequate or even available transport to remove them from the scene. The EMS Innovations Mobile Morgue Trailer and Cold Storage System can accommodate up to 18 fatalities and is equipped with the products and systems that allow for storage and preservation as well as transport to a center for identification and processing.

Customize this item to meet your needs or specifications.

FEATURES:
- 6000 watt Water cooled generator with 2-12 gallon fuel tanks mounted above unit
- EMS Innovations ramp door is 8’ wide. A partition wall with a sealed 48” door retains cooling efficiency and makes loading easier
- EMS Innovations refrigeration unit has more cooling capacity than competing A/C units and is mounted on top of the trailer for maximum efficiency. Although this unit is mounted on the roof of the trailer the interior clearance is at a comfortable working height
- EMS Innovations standard racks and trays are made of aluminum for a reduction in overall weight and ease of use while loading/unloading.
- Racks have 19” clearance between each tier
- EMS Innovations standard system utilizes a three-tiered racking system which allows for a 5’ load height on the top shelf thus eliminating the safety issues associated with lifting bodies above the head of the average individual. This system utilizes fixed, mounted racks for greater load capacity, stability and storage of the trays.
- Automatic power transfer switch for the exchange of power from generator to land line
- Custom Graphics Package

Heavy-duty racking systems are more secure and support more weight than typical wall-mounted, fold-down styles

Each trailer is equipped with an Interior door at the rear to help maintain temperatures while being loaded and in transport.

Visit www.emsinnovations.com for the latest pricing and products

8’6”

18’

Wall with sealed door

Six shelf storage rack w/ bins

Rolling racks

Aluminum body tray

EM972 18’ Morgue Trailer System

Custom systems available
12’ Mobile Morgue Trailer

This smaller version of our popular 18’ Mobile Morgue Trailer is perfect for any hospital or identification facility for immediate additional mortuary storage needs. This trailer is outfitted to be run entirely off shore power (generators are available as an option). This system is completely customizable. Tandem axles ensure that the weight capacity will fit most needs.

FEATURES:
• Reefer unit. This refrigeration unit is the same unit as used on refrigerated cargo trailers.
• Interior of trailer with 2 fluorescent light fixtures. Kemlite walls
• Racking system is made of aluminum tubing and holds 3 bodies on each rack and is fixed to the side walls
• Racks have 19” clearance between each tier
• Can run completely off of shore power, generator is available as an option

Each trailer is equipped with an Interior door at the rear to help maintain temperatures while being loaded and in transport.

Mortuary racking systems vary, racking system pictured is for illustration only

Customize this item to meet your needs or specifications.

EM971 12’ Morgue Trailer System
Custom systems available

12’ Mobile Morgue Trailer

Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com

MADE IN THE USA
24' Mobile Coroner’s Office Trailer

Mass fatality incidents don’t always happen in areas which are close by. This system can bring the coroner's office to the location and preserve the remains collected. Equipped with an area for pathology and/or identification, the Mobile Coroner’s Office Trailer is perfect for many different needs. Extend your reach and area of effectiveness with this trailer!

FEATURES:
- EMS Innovations ramp door is 8’ wide. A partition wall with a sealed 48” door retains cooling efficiency and makes loading easier.
- EMS Innovations standard system utilizes a three-tiered racking system which allows for a 5’ load height on the top shelf thus eliminating the safety issues associated with lifting bodies above the head of the average individual. This system utilizes fixed, mounted racks for greater load capacity, stability and storage of the trays.
- EMS Innovations standard racks and trays are made of aluminum for a reduction in overall weight and ease of use while loading/unloading.
- Racks have 19” clearance between each tier
- Automatic power transfer switch for the exchange of power from generator to land line
- Custom Graphics Package

Interior racking holds up to 27 Bodies for transport or temporary storage. Rolling racks aid in transport to and from the trailer.

Each trailer is equipped with an interior door and ramp at the rear to help aid in loading and to maintain temperatures while being loaded and in transport.

An area at the front of the trailer can be utilized for on-site pathology, dissection and/or identification.

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Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
Coroner’s System Trailer Packages

A complete mobile disaster mortuary response & identification system

INCLUDES THE FOLLOWING PREPAREDNESS MODULES*

- Administrative (Patient records, check in, and tracking)
- Small Shelter (Inflatable Shelter with Interior Kit and Accessories)
- Small Electrical (Generator, Cords, etc.)
- Morgue (Body bags, toe tags, etc.)
- Morgue Tool (DNA Collection, Pathology Equipment, etc.)
- Housekeeping (Cleaning Supplies, Disinfectants, etc.)
- Site Security (Barricade tape, Traffic cones, etc.)
- PPE (Goggles, Gowns, N-95 Masks, Gloves, etc.)
- Decon (Pre and post Decon patient kit, etc.)
- Detection (Biological Detection Devices, Gas monitors, etc.)
- Infection Control (Gloves, Fluid Spill Kits, Gowns, Disinfectant wipes, etc.)
- Water (Portable Sink, Water Containment, Water Heaters, etc.)

*Included equipment and equipment quantities vary due to trailer size.

EM956 Coroner’s System Trailer, 12’
EM957 Coroner’s System Trailer, 16’
EM958 Coroner’s System Trailer, 20’
EM959 Coroner’s System Trailer, 24’
EM960 Coroner’s System Trailer, 28’

Pictured items represent items which may be included with these packages. Optional equipment may be selected at time of order.

Prices vary due to optional equipment and optional trailer features call 888-236-1267 for assistance on building YOUR customized solution.
Advanced Mortuary Operations System
A complete disaster mortuary response, identification, storage, and transport system. Fulfills Federal DMORT requirements.

SYSTEM INCLUDES:
- Pathology Equipment
- Embalming Equipment
- Anthropology Equipment
- Photography Equipment
- Dental Equipment
- Fingerprint Equipment
- DNA Equipment
- X-Ray Equipment
- Morgue Facilities Equipment (Shelter, Electrical, HVAC etc.)
- Morgue Equipment
- Negative and Positive Pressure Systems
- Personal Protective Equipment
- Cleaning/Maintenance Equipment
- Hand Tools/ Maintenance Equipment
- Disaster Site Equipment (Marking and Identification)
- Safety Equipment
- Pallet Equipment
- Morgue Facilities Partitions (for deployment within an existing structure)
- Office/Administrative Equipment
- Computer/Information Resources Equipment
- Communications Equipment
- Storage Containers/ Boxes/ Custom Cases
- Reference Materials

Entire system fits into two 32' Trailers

Custom telecomm, data video and satellite network solutions available

Pricing subject to change upon customizing. For a detailed list of contents please call 888-236-1267.

Trailer size, features, and contents can all be tailored to meet the needs of your community. Don't get locked into a product or system you don't need. Let us help you build a system that suits your specific needs and requirements.

EM1380  Advanced Mortuary Operations System

Pictured items represent items which may be included with these packages. Optional equipment may be selected at time of order.

Visit www.EMSInnovations.com for the latest pricing and products
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Decontamination Tents

EMS Innovations’ one piece, fully integrated systems are easy and hassle free to deploy. Simply inflate, and connect the water inlet source to begin decontamination. Each unit contains fully-integrated decontamination pools.

Individual (EM10020)

6’6” x 6’6” x 8’

2-Line (EM345)

11’ x 16’ x 8’

3-Line HazMat Decon (EM10021)

13’ x 20’ x 9’

TENTS INCLUDE:
• Standard tent package
  - AirGuard
  - Inflator/deflator
  - Stakedown /Repair kit
  - High pressure inflation adaptor
• DECON tent package
  - Hoses (white and black)
  - Sump Pump (1 per lane)
  - Spray nozzle head with coiled hose (1 per lane)
  - Shutoffs, quick disconnects and “Y” connectors

OPTIONAL ACCESSORIES:
• Lighting System
• HVAC System
• Conveyors (for non-ambulatory)
• Dispos-A-Boards®
• Bladder collection tank
• Water Heater
• Pre & Post Decon Kits
• Triage & Haz-mat Decon Tape System
• Chem/Bio Triage tags
• Risers

Inflatable berms and HVAC Ducting shown
Versatility in action!
Multi-Response Solutions

No two disasters are the same. Each has its own challenges and needs. EMS Innovations can work with you to create a comprehensive response based on your specific needs at no additional cost! Our collection of suppliers have a variety of equipment which, when combined, address many needs.

Equipment Packages for:
- Mass Casualty/Fatality
- Disaster Communications
- Portable Hospital
- Arson/ Crime Scene Investigation
- Medical Supply
- Animal Rehab
- Decontamination
- Rehab Stations
- Comfort Stations
- Sheltering/Bunk Bed
- Search & Rescue
- Drive-through Pharmacy
- Distribution Centers
- Any Custom System You May Require!

Systems are Available as ADA Regulation Compliant

Call 888-236-1267 or visit www.emsinnovations.com for innovative products, vital information and customized systems available exclusively from EMS Innovations.
Contact us today to get your copy of the 500 page COMPLETE SOURCE CATALOG!

EMS Innovations, Inc.
P.O. Box 239 • Pasadena, MD 21123-0239
Visit us online at www.emsinnovations.com or call 888-236-1267.

Missing Something?
Whether you’re looking for equipment for your ambulance; a disaster response; hazmat cleanup; or mass fatality incident - EMS Innovations has the products you need. Our network of suppliers enables us to fulfill a variety of needs with thousands of products (too many to list in this catalog).

Contact us directly at information@emsinnovations.com or call 888-236-1267 if you need information about a specific product which is not currently listed on our web site.

Register online as a customer today to receive exclusive discounts and overstock notifications (not posted on our site or in our catalog) sent via e-mail.

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