THE COMPLETE GUIDE TO IMMEDIATE RESPONSE AND RECOVERY

EMS INNOVATIONS

www.emsinnovations.com • information@emsinnovations.com
Phone: (888) 236-1267 • Fax: (410) 255-1299
**Fundamental Objectives of Sheltering**

- Shelters provide a safe place for individuals and families affected by a disaster to sleep or rest and may offer, among other things, food, snacks, beverages, cots, blankets, sanitation facilities, safety, first aid and information on recovery efforts.
- Shelters provide services to everyone in the community.
- Shelter staff abide by principles of confidentiality when handling shelter resident information.
- Shelter staff strive to accommodate the varying cultural and faith-based preferences of the residents. Such requirements could include variations in sleeping, eating and other areas as well as the provision of space to meet and honor spiritual needs.
- As required by the Americans with Disabilities Act (ADA) and other civil rights laws, shelters must accommodate individuals with disabilities and those who support them. Take steps to ensure that every individual with a disability can fully use and enjoy the programs, services, activities, goods, facilities, privileges, advantages and accommodations provided by the shelter operator and their supporting agencies.
- Shelter residents who need acute health care that extend beyond the capacity of a shelter should be provided access to a medical facility

**Before Opening a Shelter**

Before opening a shelter, there are a number of things to consider. Is a shelter necessary? Is the selected site appropriate for sheltering? Does the shelter site comply with the requirements of the Americans with Disabilities Act (ADA) and other civil rights laws? How will the shelter be publicized and supported? Who will pay for the cost of operating a shelter?

This section of the Shelter Field Guide will help to ensure that you have covered all the bases before opening a shelter.

**Determine if the Shelter is Necessary**

Check with your local emergency management agency to see if there are other nearby shelters already operating. If there are, opening another shelter may actually be counterproductive, as it may cause confusion, unduly strain scarce resources, or overburden logistical support.

**Establish Relationships with Local Emergency Management**

One key to a successful shelter operation is close coordination with local emergency management and other organizations supporting shelters.

- Local emergency management often opens an Emergency Operations Center (EOC) when a disaster or significant event occurs. The local EOC is the primary coordination center for the jurisdiction.
- The Shelter Manager should determine who the point of contact (POC) is that the local EOC establishes.
- The local EOC is a coordinator of services, not a provider.
- Not all resources will be available locally.

**Complete a Site Review**

To ensure a safe and healthy shelter environment, conduct an inspection of the facility prior to opening and consider the following liability, safety and security issues:

- Is the facility in a safe location near the affected area?
- Is the facility clean and orderly? Are kitchen and bathrooms functional and sanitary?
- Is there sufficient light in public areas?
- Are the building systems in working order (electrical, water, sewage, heat, ventilation and air conditioning)?
- Are the fire extinguishers and smoke detectors in working order?
- Are indoor and outdoor walkways open and free of hazards?
- Are the emergency exits clearly identified and unobstructed?
- Is the facility accessible to children and adults who may use mobility devices such as wheelchairs or canes? Does access to and within the facility require climbing stairs?
- Are first aid kits readily available and fully stocked? Where?
- Is there an emergency evacuation plan and identified meeting place?
- Will occupants be notified that an emergency evacuation is necessary by a public address system or alarm?
- Are there any hazardous materials or equipment onsite? If so, are they secured?
- Are there any pre-existing safety/fire hazards such as missing electrical covers, inappropriate use of extension cords, or improperly stored flammable materials?
Site Layout and Setup
When allocating space in the shelter, consider establishing the following areas as well as the level of access to each area. Some areas will need to be restricted from the general population, such as supply storage areas, classrooms, libraries, or any area that has supplies or equipment that are dangerous or may be broken.

- Parking Areas: Identify areas for resident, staff and visitor parking.
- Drop-off Area: Keep main entrance clear for emergency vehicles and accessible for resident drop off.
- Waiting Area: Identify an area to accommodate residents waiting to register.
  When possible, identify climate controlled areas, or areas that are protected from the elements. Include seats for those who are unable to stand. Make accessible restrooms and drinking water available.
- Registration Area: Identify an area near the facility’s main entrance for registration of residents.
  When setting up the registration area:
  - Position several tables and many chairs by the main entrance to receive residents.
  - Allow for one registration worker at each table. Allow enough space for privacy when clients are providing registration information.
  - Use one table for Health Services and Mental Health Services.
  - Use only one facility entrance, if possible. Position staff at other entrances to direct shelter residents.
- Dormitory Areas: Provide areas for cots or mats. Allow 40 square feet of space per person, unless additional space is required for a service animal, wheelchair, or other assistive aid.
  Consider the following:
  - Ability to dim lights.
  - Distance from internal and external traffic.
  - Independent temperature control.
  - Separate spaces for families, women, men and other groups.
  - One toilet for 20 persons is recommended; if the shelter has only one toilet, it must be accessible for people with disabilities. (A minimum of 1 toilet for every 6 persons must be accessible for people with disabilities.)
  - An approximate ratio of 1 shower for every 25 persons is recommended; if the shelter has only one shower, it must be accessible for people with disabilities. (A minimum of 1 shower for every 6 persons must be accessible for people with disabilities.)
  - Set up cots and blankets.


EMS Innovations has more than 20 years of experience in the development, supply, and distribution of portable hospital systems and disaster preparedness equipment. We offer service to all 50 states and U.S. territories. We have provided disaster preparedness equipment to Emergency Management, Departments of Health, Departments of Homeland Security and other agencies at the federal, state, and local level.

EMS Innovations has earned the distinction as the premier Disaster Mitigation Source in the United States through extensive partnerships with state, local and federal authorities and a “hands-on” approach to disaster response. Our team is dedicated to assisting your organization in overcoming catastrophic events and managing morbidity and mortality when necessary. We offer turnkey solutions which include extensive, team-building, training programs to strengthen your existing community resources and add strategic resources to your programs.

We are a physician-owned, solutions-oriented company with a history of providing the right systems and solutions to our customers. We continuously make modifications to our product line to accommodate the unique nature of every disaster, based upon our real-world disaster experience. EMS Innovations was the first company in the USA to replace a hospital destroyed during a disaster with a temporary structure. It operated for over 4 months and addressed the needs of over 10,000 patients. We pride ourselves in working directly with you before and after your purchase to maintain a fully functioning system complete with the necessary training for your staff.

Winner: Best of Business Medical and Hospital Equipment from the Small Business Commerce Association

UNIQUE PRODUCTS AND SOLUTIONS FOR IMMEDIATE RESPONSE AND RECOVERY
Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
**Hygiene Kits**

**Adult**
- Washcloth
- 1.5 oz. Roll-On Deodorant
- 2 oz. Shampoo/Body Wash
- Toothbrush
- Toothbrush Cap
- 1.5 oz. Toothpaste
- Comb
- .85 oz. Brushless Shave Cream
- Twin Blade Razor
- 1.5 oz. Bar Soap
- All enclosed in a 6” resealable plastic bag

EM7110 Adult Hygiene Kits - 42/Cs

**Child**
- Washcloth
- Coloring Book
- Crayons (4/pk)
- 2 oz. Tearless Shampoo
- Child Toothbrush
- Toothbrush Cap
- 1.5 oz. Toothpaste
- Comb
- 1.5 oz. Antibacterial Soap
- All enclosed in a resealable plastic bag

EM7111 Child Hygiene Kits – 35/Cs

**Personal Hygiene Products**

**FEATURES:**
- Dynarex Body Wash & Conditioner
  - Body and Shampoo
  - Mild formula to avoid dry skin
  - Latex free
  - Rich lather
  - Pleasant tropical scent
- DynaSilk with Aloe
  - Mint Flavored Mouthwash
  - Gives Fresh Breath and Leaves Mouth Feeling Clean
  - Alcohol free
  - Mint flavor
- DynaSilk with Aloe
  - Hand & Body Lotion
  - Includes Aloe Vera gel
  - Latex free
  - Non-greasy to the touch
  - Fresh, clean scent
- DynaSilk with Aloe
  - All-purpose Lotion Soap for Both Shower & Hair
  - Body wash/shampoo
  - Rich lather

**FEATURES:**
- Adult Hairbrushes
  - Durable white plastic handle
  - Nylon bristles
  - Individually wrapped
- Combs
  - Manufactured of durable plastic for long life
  - Fine teeth on one end and extra fine teeth on the opposite side
- Clippers, Fingernail and Toenail
  - Manufactured of highest quality stainless steel

EM7145 Adult Hairbrushes - 288/Cs
EM7146 Combs, 9”, Black – 576/Cs
EM7147 Fingernail Clippers – 576/Cs
EM7148 Toenail Clippers – 144/Cs

**Personal Belongings Bag w/ Rigid Handle**

**FEATURES:**
- Razors, Twin Blade:
  - Disposable
  - Unisex
  - Long lasting superior quality blade
- Gallant Prep Razor
  - Safe; contoured handle with sure grip ridges provides precise fingertip control
  - Easy to use; handle lies in front of blade thus requiring only light gentle pull instead of pressure
  - Platinum coated stainless steel blade shaves close without nicks or irritation
  - Open design provides optimal view of shaving area
  - Cost effective; no need for more than one razor per procedure
- Toothbrushes, Adult
  - Full head
  - Durable plastic handle
  - Individually wrapped
- Toothpaste, Morning Fresh
  - Offers excellent cavity fighting fluoride protection
  - Laminted tube
  - Individually boxed
  - Available in 3 tube sizes

EM7154 Twin Blade Disposable Razor - 300/Case
EM7155 Gallant Razor – 250/Case
EM7156 Adult, Toothbrushes – 1440/Case
EM7159 Toothpaste, 1.5 oz tube – 144/Case
EM7160 Toothpaste, 2.75 oz tube – 144/Case
EM7157 Shaving Cream - 1.5 oz, 144/Cs
EM7158 Shaving Cream - 11 oz, 12/Cs
**Washcloths, Dry Wipes**

**FEATURES:**
- Highly absorbent air laid cellulose material
- Ideal for gentle patient care as well as general clean-ups
- Packed in convenient, easy to handle poly bags

EM7300  Dry Washcloth, 10” x 13”, 500/Case  
EM7301  Dry Washcloth, 12” x 13”, 800/Case

**EZ Care Patient Bath Packs**

**FEATURES:**
- Eight pre-moistened full size washcloths packed in a handy resealable pouch
- Offers the ultimate in convenient patient bathing
- Eliminates the costs and mess associated with basins, soaps, creams and linen washcloths
- Saves valuable staff time
- A complete bath in less than half the time
- No rinsing or drying necessary
- Alcohol-free formulation cleans patient’s skin gently, but thoroughly
- Scented

EM7302  EZ Care Patient Bath Packs, 192/Case

**Bedside Waste Bag**

**FEATURES:**
- Adhesive tabs makes bags easily removable and attachable to any surface
- Fluid resistant polyethylene construction
- Decorative design is aesthetically pleasing while providing some privacy to bag contents
- Ideal and convenient for patient rooms or wheel chairs

EM7129  Bedside Waste Bag, 480/Cs  
EM7130  Bedside Waste Bag w/ plastic hook, 480/Cs

**Commode Liner, Sani-Bag™**

Individually wrapped Sani-Bag™ commode liner contains a non-toxic waste treatment powder that gels and treats up to 32 oz. of liquid and solid waste; turning liquids to solid, preventing contamination through backsplash and controlling odors. The waste treatment powder also contains a decay catalyst that breaks down solid wastes. An attached adhesive strip seals the bag when finished.

EM1809  Sani-Bag™ 100-Pack Commode Liners

**Personal Cleansing Washcloths**

**FEATURES:**
- A fresh approach to incontinence and personal care needs
- Soft, yet durable spunlace material for a soothing gentle touch
- Alcohol Free
- Contains lanolin and aloe vera skin conditioners
- Also available: low profile tubs which easily fit in most standard bedside end tables
- Durable poly bagged refill packs which easily fit in our low profile tubs
- Economical and environmentally friendly

EM7303  Personal Cleansing Washcloth, 9” x 13”, Standard Tub, 12 Tubs of 46 Sheets/Case  
EM7304  Personal Cleansing Washcloth, 9” x 13”, Low-Profile Tub, 8 Tubs of 64 Sheets/Case  
EM7305  Personal Cleansing Washcloth, 9” x 13”, Low-Profile Refills, 8 Packs of 64 Sheets/Case

**Steel Bariatric Commode**

**SPECIFICATIONS:**
- Plastic armrests for additional patient comfort
- Non skid, non maring rubber tips provide extra safety
- Back rail removes quickly and easily
- Includes pail, lid and splash guard
- 18.25 inch-23.5 inch 46-60 cm seat height range; 650 pound (295.5 kg) weight capacity

EM1815  Steel Bariatric Commode

**UNIQUE PRODUCTS AND SOLUTIONS FOR IMMEDIATE RESPONSE AND RECOVERY**

Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
The most sanitary, safe, environmentally-friendly, portable toilet solution available - complete with toilet paper and hand sanitizer. Prevents spread of disease with no spills, splashbacks or waste contact. Our toilet kit is the ONLY solution that traps, encapsulates, deodorizes and breaks down waste with a NASA-developed gelling agent. Use it, seal it and toss it in normal trash.

EACH KIT INCLUDES:
- Waste bag.
- Poo Powder® gelling/deodorizing agent.
- Secure puncture-resistant zip-close disposal bag.
- Individual toilet paper.
- Hand wipe.

SPECIFICATIONS:
- Each waste kit gels up to 32 oz. making it a multiple use bag, lowering the cost per use.
- 32 oz. is a full quart and 40% more than other products.
Portable and self-contained, the Hot Tap™ is one of our most popular instant hot showers. Enjoy the convenience of instant hot showers with matchless push-button ignition. Equipped with a stainless steel burner, this Zodi™ shower provides endless hot water in just seconds. Includes a powerful battery-powered water pump and a rugged plastic storage case that doubles as a 4-gallon water container and propane tank base. Ideal for family camping, emergencies, RVs and more. (Propane & 4 D-cell batteries not included.)

**Features:**
- Multi-purpose storage case holds water for a 10-min shower
- Heats 60+ gallons of water between battery and propane refills
- Adjust water temperature up to 100º F with gas valve
- Easy to use – simply submerge pump in water & ignite heater
- Waterproof battery case with on/off switch
- Powerful 6V pump with debris screen for great water pressure
- Complete system is compact for easy transport & storage
- Fueled by convenient 16.4 oz propane cylinder (not included)
- Premium-quality heater is constructed of 100% metal
- Piezo push-button ignition for instant-on convenience
- Industrial-grade brass hose connectors

**Zodi™ Hot Tap™**

**EM10749** Zodi™ Hot Tap, Single Burner w/hard case
**EM10748** Zodi™ Large Padded Gear Bag

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**Shower Enclosure, ZODI™ i.hut™**

**Features:**
- Self-support enclosure, sets up anywhere
- XL-size, 4 ft wide per side, almost 6 feet diagonal
- Coated nylon sides for extra waterproof durability
- Corner Straps secure i.hut™ on sand and rocks
- Elevated walls and detachable floor for fast & easy clean up
- Oversized mesh pockets for soap, shampoo and other needs
- Oversized zippered door for easy entry and exit

**ZODI™ i.hut™ Cover**

**Features:**
- Covers entire i.hut™ top while maintaining ventilation
- Easily attaches to i.hut™ (with U-shaped door design)
- Allows light to enter the i.hut™
- Offers greater privacy when in low-lying areas

**EM10751** Zodi™ i.hut Shower Enclosure
**EM10757** Zodi™ i.hut Shower Canopy/Cover

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**Instant 2-Room Shower/Changing Shelter**

**Features:**
- Sets up in seconds
- Includes 5-gallon solar-heated shower
- Privacy coated fabric
- 2 rooms: showering space and changing/utility room
- Mesh room for ventilation
- 2 windows
- Towel rack
- Toiletries holder
- Removable rainfly included
- Mesh drain in shower room
- Material content: polyester/steel
- Dimensions: 7'L x 3.5'W x 7'H

**EM10760** Instant 2-Room Shower/Changing Shelter

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**Cabana Privacy Shelter**

**Features:**
- Made with a durable 190D nylon and patented G-3 fiberglass poles
- Great for camping
- Provides you with the privacy you need no matter where you are
- Easy to carry
- Lightweight and self-supporting
- Stake-out rings provide additional security for windy conditions
- Large screened windows and vents provide plenty of ventilation
- Large zippered “D” style door for easy access
- Mesh storage pocket
- Includes stuff bag

**EM10762** Cabana Privacy Shelter
Double Burner Shower System, ZODI™ Hot Tap HP™

The rugged all-steel construction of the High Performance Instant Hot Tap HP™ makes it perfect for all-season use. This portable double-burner hot shower system heats unlimited water on demand. Features convenient matchless push-button ignition and includes a sturdy 4-gallon multi-purpose storage case, the Zodi Hot Tap HP is the most rugged self contained, high-output instant hot shower ever! A complete system, including powerful battery-operated pump that draws water from any water source. (Propane tanks & 4 D-cell batteries not included.)

**FEATURES:**
- Industrial-grade for extra durability & long service life
- Double-burner design for High Performance 4 season use
- Adjust water temperature up to 100°F with gas valves
- Easy to use – just submerge pump in water & ignite heater
- 8-ft flexible shower hose with water-saving showerhead
- Matchless push-button ignition for extra convenience
- Multi-use storage case is compact for easy transport
- 4-gallon case holds enough water for a 10 minute shower
- Powerful pump with debris screen for great water pressure
- Uses convenient 16.4 oz propane cylinders (not included)
- Pump designed for use with any water source, lake, etc.
- Non-electronic heater for hassle free performance
- Higher Performance expands season into Spring & Fall

Heavy Duty Shower System, ZODI™ X-40 Hot Tap

The Zodi™ Hot Tap X-40™ is an ultra high-output instant water heater and shower designed for professional outfitters, base camps, cabins and horse trailers. The X-40™ delivers up to 50 hours of continuous hot water per propane refill. The 16-ft long hose allows use all over camp. Connect to any garden hose using the universal hose connector or draw from any water source using the powerful 12 Volt pump. Sturdy support legs, rugged steel handle and a padded storage bag make for easy transport and storage. The toughest portable water heater available anywhere. So tough, it’s even in use in the Antarctic and on Everest! Included pump requires 12 Volt power source. (Propane tank not included) Made in U.S.A.

**FEATURES:**
- Packed with up to 40,000 BTU burner for instant hot water
- 12V high-flow pump for great water pressure anywhere
- 16-ft shower hose with water-conserving showerhead
- Industrial grade gas valve adjusts water temperature in seconds
- Electronic ignition system for instant-on heat (requires AA battery)
- Made in U.S.A.
- Connects to included 12V pump or any garden hose
- Padded gear bag with carry straps for easy storage & transport
- Steel handle for easy placement around camp
- Sturdy retractable legs for compact storage
- Gas regulator connects to a 5-gallon or larger propane cylinder
- 100% steel construction for high performance in harsh environments

Decontamination Tents

**Individual (EM10020)**
- 6’6” x 6’6” x 8’

**3-Line (EM10021)**
- 13’ x 20’ x 9’

**4-Line (EM10022)**
- 14’ 6” x 20’ x 9’
HeaterMeals® EX™ Self-Heating Entrees

HeaterMeals® EX™ Self-Heating Entrees offer a simple, long-term planning solution for emergency feeding. HeaterMeals® EX™ Self-Heating Entrees need no refrigeration, are easy to store and distribute, and have up to a 5 year shelf-life.

- To ensure maximum shelf-life, HeaterMeals must be stored at 80º Fahrenheit or below -

EACH CASE INCLUDES:
12 Assorted Lunch & Dinner Entrees:
- 2 - Southwest Style Chicken with Rice & Beans
- 2 - Homestyle Chicken & Noodles in Gravy
- 2 - Zesty BBQ Sauce, Diced Potatoes with Beef
- 2 - Chicken Pasta Italiana
- 2 - Vegetarian Pasta Fagioli
- 2 - Green Pepper Steak with Rice

EVERY ENTREE INCLUDES:
- Tasty 3/4 lb. Self-Heating Pouch Entree (50% larger than MRE Entrees and Lower Sodium Content than MRES)
- Cutlery Pack with Spoon, Napkin, Moist Towelette, Salt, Pepper, and Salt Free Seasonings to Season to your taste!
- Patented Innotech Food Heater Bag
- Pouch of water to start heater
- Serving Tray to enjoy your meal

MADE IN THE USA
EM15010 Assorted Entrees, 12/Case

HeaterMeals® 3™ Self-Heating Entrees

HeaterMeals 3 is specially packaged for extended storage (Up to 3 Years!) and is excellent for Food Reserves, Disaster Preparedness and Business Continuity Planning.

No Refrigeration Needed:
Up to a 3 Year shelf life!

Attractive Package for Appetite Appeal:
Designed nutritionally for typical adults!

Easy-To-Use and Ready-To-Eat:
No handling required while heating!

Proven, Safe Heating Technology:
Biodegradable, Non-Toxic!

Tasty 3/4 Pound Self-Heating Entree:
50% larger than MRES!

NUTRITIONAL BENEFITS:
- 38% Less Sodium
- 12 Ounce Entrees - 50% Larger
- Higher Protein
- Higher Fiber
- Less Fat

MADE IN THE USA
EM15011 Assorted Entrees, 12/Case

4 oz. Emergency Drinking Water

These 4 oz. emergency drinking water pouches are U.S. Coast Guard approved and have a 5–year shelf life, reducing the need for replacement and lengthening the life of any emergency kit.

Pouches are easily opened. In an emergency, each person should drink a minimum of 8oz. (2 pouches) per day.

A box of 64 pouches provides a 3–day minimum supply for up to 10 people. Some experts recommend storing up to 1 gallon per person per day for drinking, cooking, and sanitation.

EM15013 Emergency Water - 4oz., 64/Case

2400-Calorie Food Bars

These 2400–Calorie Food Bars (4cnt) are an important source of energy in a severe emergency of disaster. They are U.S. Coast Guard approved and have a 5–year shelf life. These bars taste like cookies and are non thirst–provoking. Each bar contains 12 individually wrapped 200–calorie servings. In an emergency, each person should eat a minimum of 800 calories a day (4 200–calorie portions). Each 2400–calorie bar provides a three day minimum supply of food for one person.

EM15014 2,400 Cal. Food Bars, 15/Box
EM15024 2,400 Cal. Food Bars, 30/Case

AVAILBLE IN BULK

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Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
The Emergency Water Storage Kit with Filter is a new and innovative approach to the age old problem of storing water. Forget the bulky, and cumbersome ridged plastic containers that are difficult to move, fill and dispense. Now you can have emergency water storage available in minutes, with a system that you can store under the bed. Simply open up the package, insert the stiffener pack and Liner, and fill on the spot. All the fittings necessary to connect and fill your system from any hose spout, or faucet are provided. Two layers of containment means that you can store water without worries about leaks or spills. The Kit also includes the WaterBasics pump and RED Line filter for easy dispensing and the peace of mind that comes from the ultimate RED Line level of protection. With 120 gallons of water filtration capacity, the RED Line filter can supply an entire family, or small group with fresh clean filtered water. The pump is easy to operate, tucks neatly away inside the container when not in use, and includes a shut-off valve, Series II Filter connection and a directional nozzle for accurate, spill free filling of containers. Because the WaterBasics Emergency Water Storage Kit is so easy to transport and set up it is perfect for home emergency water storage, base camps, family camping, small groups etc.

Water Storage Kit w/Filter

TREAT UP TO 2500 GALLONS A DAY (PER UNIT)!
- Removes waterborne bacteria, protozoa, particulate, taste and odors, and effectively inactivates viruses.
- Daisy chain to create a continuous distribution of treated water
- Up to 2500 Gallons every 24 hours
- Easy to clean and reusable
- DIVVY P.O.D. (Point of Distribution)
- The DIVVY P.O.D. is the heart of the DIVVY system. The human powered unit is designed to deliver purified water to several users at the same time without the need for tools, trucks, gasoline or electricity.

DIVVY FILL PUMP STATION
Human powered pump requires no electricity or fuel to move high volumes of water from the source to the DIVVY Tank for treatment in times of disaster.

PORTABLE WATER SUPPLY
The DIVVY 250 is designed to be quickly transported to the site and assembled in less than 30 minutes, without the need for tools or heavy equipment. All components of the DIVVY system are designed to collapse into compact storage and transport containers for rapid deployment and space efficient storage.
- Less than 1/2 the price of comparable systems.
- Purified water @ less than $.04 USD/gal.
**Bariatric Heavy-Duty Wheelchair**

**SPECIFICATIONS:**
- Weight Capacity: 450 lbs.
- Carbon Steel frame with triple-coated chrome for an attractive, chip-proof, maintainable finish.
- Double embossed vinyl upholstery is durable, lightweight, attractive and easy to clean.
- Standard dual axle provides easy transition of seat to hemi-level.
- Urethane tires mounted on composite wheels provide durability and low maintenance.
- Chrome hand rims standard.
- 8” front casters, adjustable in three positions.
- No maintenance, sealed, precision bearings.
- Padded armrests provide additional comfort.
- Comes with elevating leg rests with tool-free adjustable length riggings.
- Aluminum foot plates.
- Comes with push-to-lock wheel locks.
- 22” wide seat

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**Standard Wheelchairs**

A complete line of wheelchairs with highly polished chrome plated steel frames that are strong and chip resistant. These wheelchairs feature black upholstered, padded armrests which provide ease and comfort and an aluminum front fork with three adjustments for seat heights, that offer versatility. Black anodized die-cast aluminum foot plates provide a stronger alternative to plastic as well as mag-style wheels, which offer stability and longevity while still remaining easy to clean. Wheelchairs fold for convenient storage for users and are easily transportable.

**EM4050 Patient Wheelchair, 18”**
**EM4051 Patient Wheelchair, 16”**

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**Visual Communications Board, Handheld Version**

A hand-held version of our popular Visual Communications Board (EM362). Put this in your pocket or your go bag and be ready to overcome any communication or language barrier. This mini communications board includes translations of phrases used for patient assessment in 7 languages. Use dry-erase markers to write on this board to record notes or other vital information.

*Includes a guide to ASL (American Sign Language).*

**EM162 Visual Communications Board - Handheld**

**EM362 Communications Board**

**SPECIFICATIONS:**
- Flat Size: 17” x 24”
- Folded Size: 8” x 17”

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**Special Needs Version**

This large board uses symbols and simple phrases to assist emergency response personnel and other service providers to communicate with disaster victims or patients who, due to trauma, health reasons, language differences, or other complications, have difficulty expressing their needs. The large size is ideal for patients with poor eyesight. The Visual Communications Board makes communication easy in difficult situations because it is durable and can be written on with dry-erase markers.

**ENGLISH AND SPANISH TRANSLATIONS**

**EM362 Visual Communications Board**
**EM362 Communications Board**
Military Style Aluminum Cot

This folding camp cot is great for all types of outdoor use (and indoor use, too!). The Jamboree Military Cot is Great for campers, scouts, explorers, and even that unexpected house guest. This high-end military cot is also ideal as an emergency cot and is currently used by many shelters as folding beds.

This specially-crafted army cot is extra long, so there’s no more worrying about your feet hanging off the edge of this camp cot! At 77” inches long, by 25” wide, there is plenty room for sleeping on the earth cot. With a height of 17”, avoid the hard, cold ground - and wake up feeling more rested on our camping cot in military style! Sleep soundly with the unique, body-contouring fabric and includes free storage bag system and pillow.

These army cots are built tough, adhering to the precise military cot specifications set for outdoor cots and camping cots. These folding military cots utilize reinforced aircraft-quality aluminum and are constructed using heavy-duty polyester fabric.

**SPECIFICATIONS:**
- Contour Form-Fitting Fabric
- Super-Strong, Anodized Reinforced Aluminum Tubing
- Legs are Reinforced w/ Stronger Steel Pipe Inserts
- Polyester Cover is Washable & Mildew Resistant
- Portable Cot w/ “Quick & Easy” Fold-Up Design
- Expanded Size: 77”L x 25”W x 17”H
- Folded Size: 37”L x 8”W x 5”H
- Weight Capacity: 350 lbs.
- Comes with Carry Bag & Strap
- Total Weight: 13 lbs.

Coleman® Converta Cot

Lightweight, Portable, Inexpensive, Durable Folding Cot

**SPECIFICATIONS:**
- 24”W x 76”L x 10”H
- Multi-Position Back Rest
- No Assembly Required
- Weight Rating: 225 lbs

Army style Folding Cot

**SPECIFICATIONS:**
- 26-1/2”W x 39”L x 4 1/4”H
- Multi-Position Back Rest
- No Assembly Required
- Weight Rating: 20 lbs

**FEATURES:**
- Economy spring cot. Quick and easy set up.
- Folds in half for compact storage
- 1” Rust resistant Epoxy powder coated steel tubing.
- 44 springs support the 100% Poly/Nylon fabric with PVC backing deck
- Available in Navy Blue or O.D. Green
- Used by FEMA and the American Red Cross

**SPECIFICATIONS:**
- Open size: 26” x 71.5” x 14”
- Closed size: 26” x 36” x 4.25”
- Weight: 13 lbs
- Units per box: 3
- Mattress meets 16 CFR Part 1633
- Mattress size: 33” x 71” x 1.25”

All-Purpose Cot

For First Aid and Sick Rooms

**SPECIFICATIONS:**
- Folded: 26-1/2”W x 39”L x 4 1/4”H
- Open: 27”W x 75 1/2”L x 16 3/8”H
- Multi-Position Back Rest
- No Assembly Required
- Weight Rating: 20 lbs

Ideal for heavy duty use in industry or institutions. Constructed of high strength anodized aluminum tubing to military standards. Foldable for convenient storing. Cover is strong 500 denier DuPont Cordura. Both head and foot ends elevate 15°, 30° and 45° when required.
EMS Innovations Portable Medical Bed Cots

These beds meet all current Consumer Products Safety Commission Standards

**Surge Bed™ Cot**

- Weight capacity of 500 lbs.
- US Patent Pending

**SPECIFICATIONS:**
- 21"H x 33"W x 83"L
- Weight: 28 Pounds
- Weight Capacity: 500 Pounds
- 5 position, non-slip, Head Elevator with locking cord
- IV Pole Attached to Frame
- 2” Vinyl Coated Foam Mattress
- Lightweight Aluminum Frame
- Mounted brackets on the bed frame prevent side to side slippage of the bed deck
- Patient restraint strap with easy open/close snap
- 2” Rubber feet riveted directly to the frame for stability and floor protection
- Heavy duty leg locks on all legs

- Foot elevator locks (Trendelenburg) in place in both elevated and resting positions
- 2” Convoluted (egg carton) high density foam mattress for patient comfort with stay-on tabs eliminates patient pressure points caused by springs
- Mattress is stitched with Kevlar thread and meets the requirements of 16 CFR §1633 (federal flammability (open flame) standard for mattress sets)
- Water-proof reinforced vinyl mattress cover contains anti-microbial agents easily decontaminated for continuous reuse
- IV Pole with Stow-On-Board Feature

**Folded Dimensions:**
- 7 1/2”H x 33”W x 41”L

**Bariatric Med Bed™ Cot**

- Weight capacity of 1000 lbs.

**SPECIFICATIONS:**
- 21”H x 33”W x 83”L
- Weight: 38 Pounds
- Weight Capacity: 1000 Pounds
- Multiple Head and Foot Positions
- IV Pole Attached to Frame
- 2” Vinyl Coated Foam Mattress
- Constructed of Stainless Steel
- 4” heavy duty T-bracket with dual rivet shank and internal shelf

**Folded Dimensions:**
- 9”H x 33”W x 41”L

**EM995** Med Bed™
**EM996** Med Bed™ Stainless Steel Side Rails (set of 4)
**EM1000** 5-Bed Rolling Storage Cart (for Med Bed™)

**Procedure Bed™ Cot**

- Weight capacity of 750 lbs.

**SPECIFICATIONS:**
- 30”H x 33”W x 83”L
- Weight Capacity: 750 Pounds
- Multiple Head and Foot Positions
- IV Pole Attached to Frame
- 2” Vinyl Coated Foam Mattress
- Constructed of Stainless Steel
- Stainless Steel Bed Rails Included
- Weight: 40 Pounds

**Folded Dimensions:**
- 9”H x 33”W x 41”L

**EM997** EMS Innovations Procedure Bed™ (includes rails)
**EM998** 8-Bed Rolling Storage Cart (Procedure Bed™)

**Stainless Steel Frame**

Shown with optional side rails

Features multiple head and foot rest positions for patient comfort.
Army-style bunk-able beds let you maximize both space and comfort in your favorite bunk room. Two stacking beds can be turned into bunk bed with bunk adapters (sold separately); each bed can support one person up to 375 pounds.

**SPECIFICATIONS:**
- 1.5-inch, angle iron deck with welded corners and two center supports
- 1.125-inch round, 20-gauge, cold-rolled steel legs
- Two-by-four-inch galvanized link spring deck
- Folding legs for space savings
- Thick, comfortable, four-inch foam mat
- Tool-free assembly and rust-resistant dipped black paint finish
- Each bed measures 30-by-75 inches (W x D)
- Mattresses are fire-retardant to 16 CFR Part 1633 specifications
- 15-inch floor-to-bunk height, 31-inch space between bunks (without mattresses)
- 54-inch total height
- 90-pound weight

This warm utility blanket is machine washable. Excellent for indoor and outdoor general utility purposes.

**SPECIFICATIONS:**
- Made of 70% Wool - 30% man-made fibers.
- Dimensions: 62” W x 82” L

Israeli Wool Blanket is a genuine military surplus blanket. It is used and in good condition. The blankets have no holes or writing on them. It is constructed of 70% wool and 30% polyester. This blanket features reinforced whipped stitched edges for ultimate warmth. Its measures approximately 72” x 56”.

**Available by the truckload of about 6000 blankets**
20 Man Tents

General purpose (G.P) MEDIUM TENT (TAN or OD GREEN) 16’x32’ W/ POLES

The GP medium (16’ X 32’) comes with two stove pipe shields to support the standard 4” heater pipe. The General Purpose medium tent has a 6 foot high and 4-feet-wide entrance at each end. The GP medium tents entire sidewall easily rolls up and ties in the upright position for flow ventilation. The GP medium tent incorporates the latest design, and manufacturing technologies that provide the user with a multi purpose weatherproof shelter for any outdoor surrounding. The GP medium tent has frequently been used as a disaster relief tent or as an emergency shelter. The General Purpose medium tent is ideal for numerous outdoor environments and weather conditions including rain, high winds, and humidity. NSN (8340-00-482-3963).

50 TEMPER EXTENDABLE TENT (OD GREEN) – METAL POLE SUPPORTED 20’ x 24’ W/POLES

The Temper tent (Tent Extendable Modular Personnel) is a modular, soft-walled, aluminum framed supported tent; it is designed to expand exponentially and set up in multiple configurations. The most common Temper tent configuration is the Temper Tent (20’ x 24’), billet version. The Temper tent can be extended to a length of eight-foot increments and can be erected in 40 minutes; minimal manpower required- five personnel max. The Temper (20’ x 24”) has a floor area of 640 sq. ft. The temper tent has an aluminum frame and is primarily covered with a vinyl-coated polyester duck cloth that is fire, mildew, and water resistant. The covering also has particular coatings which reduce its visual and electronic characteristics to support concealment from surveillance. This Temper tent is fitted with features that allows both heating and air conditioning. The Temper tents main material components include of a window section, an entrance and exit door section as well as a wind resistant fly. The fly protects the roof of the shelter and provides supporting insulation. Utility support for these tents includes electrical service for lighting, convenience outlets, and provisions for heating and cooling. The military shelter is equipped with a brand-new, leak-free, heat sealed outer shell system. This shelter design is made to withstand various weather conditions, including desert, tropical and temperate climates. The Temper tent comes in two outer cloth colors: camo green and desert tan; these colors are designed to provide camouflage against the intended terrain and are visual and electronic suppressive with a blackout coating for protection from night optic vision gear.

40 Man Tent

General purpose (G.P) LARGE TENT (TAN or OD GREEN) 18’x52’ W/ POLES

The GP Large (18’ x 52”) has 5’8” walls and a 12-foot-ridge line height. The GP large tent also features four sidewall windows and also includes a doorway at each end of the tent. The entire sidewall easily rolls up and ties in an upright position, this provides effective and breezy air ventilation. The General Purpose Large tent root is fitted with a stove pipe shield 4” military heater pipe. The GP large tent incorporates the latest design, and manufacturing technologies that provide the user with a multi purpose protective sheltering from outdoor factors. The General Purpose large tent is ideal for numerous outdoor environments and weather conditions including rain, high winds, and humidity. NSN (8340-00-470-2342).
**Inflatable Shelters**
Rapidly deployable for a rapid response to any disaster!

Visit www.emsinnovations.com for a video about these products

Visit www.emsinnovations.com for a video on operation and deployment

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<table>
<thead>
<tr>
<th>Model #</th>
<th>Dimensions/Description</th>
<th>Folded Dim.*</th>
<th>Weight*</th>
<th>Windows**</th>
<th>Doors**</th>
<th>Bed Cap.</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM338</td>
<td>22' W x 42' L x 10' H - Inflatable Shelter Includes: Interior kit w/Patient dividers</td>
<td>50' x 49.2&quot; x 38&quot;</td>
<td>695 lbs.</td>
<td>6</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>EM433</td>
<td>22' W x 42' L x 10' H - 6-Door Inflatable Shelter Includes: Interior kit w/Patient dividers</td>
<td>50' x 49.2&quot; x 38&quot;</td>
<td>695 lbs.</td>
<td>6</td>
<td>6</td>
<td>14</td>
</tr>
<tr>
<td>EM434</td>
<td>22' W x 46' L x 10' H - Inflatable Shelter with alcove Includes: Alcove, and Interior kit w/Patient dividers</td>
<td>51' x 50' x 39&quot;</td>
<td>697 lbs. (no doors)</td>
<td>6</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>EM336</td>
<td>22' W x 22' L x 10' H - Inflatable Shelter Includes: Interior kit w/Patient dividers</td>
<td>46' x 42.5&quot; x 28.3&quot;</td>
<td>363 lbs.</td>
<td>4</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>EM333</td>
<td>22' W x 26' L x 10' H - Inflatable Shelter with alcove Includes: Alcove and Interior kit w/Patient dividers</td>
<td>47' x 44&quot; x 30&quot;</td>
<td>368 lbs. (no doors)</td>
<td>4</td>
<td>4</td>
<td>6</td>
</tr>
<tr>
<td>EM402</td>
<td>7' W x 12' L x 8' H - Inflatable Shelter</td>
<td>37' x 32.3&quot; x 28.3&quot;</td>
<td>99 lbs.</td>
<td>2</td>
<td>2</td>
<td>n/a</td>
</tr>
<tr>
<td>EM337</td>
<td>14' W x 24' L x 9' H - Inflatable Shelter Includes: Interior kit w/Patient dividers</td>
<td>43.2&quot; x 43.2&quot; x 20'</td>
<td>278 lbs.</td>
<td>4</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>EM335</td>
<td>11' W x 16' L x 8' H - Inflatable Shelter Includes: Interior kit w/Patient dividers</td>
<td>38&quot; x 33' x 22&quot;</td>
<td>183 lbs.</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>EM339</td>
<td>24' W x 45' L x 12' H - Inflatable Shelter Includes: Interior kit w/Patient dividers</td>
<td>51&quot; x 55&quot; x 55&quot;</td>
<td>706 lbs.</td>
<td>6</td>
<td>2</td>
<td>16</td>
</tr>
<tr>
<td>EM983</td>
<td>20' W x 20' L x 12' H - Inflatable Shelter</td>
<td>46' x 42.5&quot; x 38.5&quot;</td>
<td>419 lbs.</td>
<td>4</td>
<td>4 †</td>
<td>6 †</td>
</tr>
<tr>
<td>EM984</td>
<td>30' W x 30' L x 15' H - Inflatable Shelter</td>
<td>45.25&quot; x 40&quot; x 63&quot;</td>
<td>829 lbs.</td>
<td>4</td>
<td>4 †</td>
<td>15 †</td>
</tr>
<tr>
<td>EM985</td>
<td>7' W x 12' L x 8' H - Inflatable Shelter</td>
<td>37&quot; x 32.3&quot; x 28.3&quot;</td>
<td>99 lbs. (no doors)</td>
<td>2</td>
<td>2</td>
<td>n/a</td>
</tr>
</tbody>
</table>

EM332  Double Swing Aluminum Doors (sold separately)

Roofs available in white or silver

**SPECIFICATIONS:**
Frame: Heavy Duty 1100 DTEX polyester coated with plastomer on both sides, UV/chemical resistant
Cover: Heavy Duty 420 Denier nylon (or polyester) coated with polyurethane (PVC) on both sides, UV/chemical resistant

Interior Kit: Heavy Duty 420 Denier nylon (or polyester) coated with polyurethane (PVC) on both sides, UV/chemical resistant

Triple redundancy engineered into all features ensuring proper function and protection

---

*Weights and Folded Dimensions may vary. Some weights and measures are approximate values.

**Personnel Entry Doors measure 6.4’ H x 4.25’ W with a zipper closure. All windows measure 2’ H x 2.5’ W with heavy-duty hook and loop closure and include a roll-up flap and removable plastic window. Double swinging doors measure 6.25’ H x 4’ W

†These tents include (2) Personnel Entry Doors (7.25’ H x 4.25’ W) and (2) Vehicle Entry Doors (8’ H x 27’ W (EM984) or 8’ H x 9’ W (EM983)).

‡The primary purpose of these tents is to serve as portable Points of Dispersion (POD) for vaccinations, emergency supplies, etc. However, the value of having a shelter which may be used for any tented function or situation requiring a rapidly deployable shelter is addressed by listing bed capacity.

All prices and specifications are subject to change without notice. Call 888-236-1267 for current pricing and specifications.

**AEL# 09ME-01-SHEL**
**AEL# 19SS-00-SHEL**

Blue is our standard color but other colors and patterns are available. Call 800-236-1267 for details.

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**UNIQUE PRODUCTS AND SOLUTIONS FOR IMMEDIATE RESPONSE AND RECOVERY**

Phone: (888) 236-1267 • Fax: (410) 255-1299 • www.emsinnovations.com
Flooding, building collapse, tornado, dirty bomb attack, or flu outbreak can happen to any community at any time. Don’t face these situations unprepared. If your local hospital is suddenly unable to treat patients or is overwhelmed with an influx of injuries or sickness, these Portable Hospital Systems can house, treat, and sustain patients to increase the medical services to your community.

EMS Innovations’ Portable Hospitals come packaged in tow-behind trailer(s) to be ready for on-site operation at a moment’s notice. All of the systems include everything needed to provide triage, treatment and surge capacity overflow.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EM901</td>
<td>16-Bed Portable Hospital</td>
</tr>
<tr>
<td>EM902</td>
<td>20-Bed Portable Hospital</td>
</tr>
<tr>
<td>EM904</td>
<td>25-Bed Special Needs System</td>
</tr>
<tr>
<td>EM905</td>
<td>32-Bed Pediatric Portable Hospital</td>
</tr>
<tr>
<td>EM911</td>
<td>50-Bed Portable Hospital</td>
</tr>
<tr>
<td>EM920</td>
<td>200-Bed Modular System</td>
</tr>
<tr>
<td>EM940</td>
<td>850-Bed Modular System</td>
</tr>
</tbody>
</table>

Add a Hygiene Shelter (restrooms/showers) to YOUR Portable Hospital for a complete site solution!
### 50-Bed Portable Hospital

This unit is the basic building block for all of EMS Innovations' Rapidly Deployable Systems. These systems are packaged in tow-behind trailers for on-site operation at a moment’s notice. All of the systems needed for a 50-bed “portable hospital” are included in this package from individual patient care items such as facial tissue, to diagnostic supplies like an ICU patient monitoring system, as well as the structures and systems for operation.

**INCLUDES THE FOLLOWING PREPAREDNESS MODULES**:  
- **Administrative** (Patient records, check in, and tracking)  
- **Electrical** (Generators and connections)  
- **Shelter** (Inflatable Shelters with Interior Kits and Accessories)  
- **Bed/Cot Module** (Portable Hospital Beds, Linens, and Bed Carts)  
- **Patient Transport/Immobilization** (Wheelchairs, Stretchers, splints, etc.)  
- **Water** (Portable Sink, Water Containment, Water Heaters, etc.)  
- **Housekeeping** (Cleaning Supplies, Disinfectants, etc.)  
- **Restroom** (Dry Toilets, Waste Kits, etc.)  
- **Morgue** (Body bags, toe tags, etc.)  
- **Infection Control** (Gloves, Hand Fluid Spill Kits, Gowns, Disinfectant wipes, etc.)  
- **IV Admin** (Needles, Syringes, Sharps containers, Catheters, etc.)  
- **Emergency Products** (BP Cuffs, Tape, Thermometer, Dressings, Gauze, etc.)  
- **PPE** (Goggles, Gowns, N-95 Masks, Gloves, etc.)  
- **Hygiene** (Washcloths, Toothbrushes, Toothpaste, etc.)  
- **Airway** (BVMs, Cannulae, Ventilators, etc.)  
- **Pediatric** (Diapers, Wipes, Activity Kits, etc.)  
- **Special Needs** (Catheters, Canes, Walkers, etc.)

*These items can be customized to meet your specific needs and specifications.

**Pricing subject to change upon customizing.**

For a detailed list of contents please call 888-236-1267.
These semi-permanent buildings are ideal for deployment in emergency situations with all necessary spaces and systems for a complete solution.

EM00476  EMERGENCY HOSPITAL/ LAB BUILDING
74' x 143' with a 7' x 12' alcove. Total square footage of the building before alcove is 10,582 sqft.

EM00477  MORTUARY BUILDING
14' x 36' and the total square footage not including loading dock is 504 sqft.

EM00478  FAMILY ALCOHOL AND CHEMICAL-DEPENDENCY TREATMENT SERVICES (F.A.C.T.S.) BUILDING
48' x 140' and is 6,720 sqft.

EM00479  COUNSELING CENTER (C.C.) BUILDING
48' x 160' and is 7,680 sqft.

EM00480  METHODOНЕ MANAGEMENT CLINIC (M.M.C.) BUILDING
60' x 160' and is 9,600 sqft.

EM00481  FAMILY CARE CENTER BUILDING
74' x 95' with a 7' x 12' alcove and is 6,334 sqft. before alcove.

EM00482  ADMINISTRATION BUILDING
60' x 106' with a 7' x 12' alcove and is 9,116 sqft. before alcove.

EM00483  OCCUPATIONAL THERAPY (O.T.) BUILDING
74' x 95' with a 7' x 12' alcove and is 6,334 sqft. before alcove.

EM00484  KITCHEN/CAFETERIA BUILDING
This building is 60' x 100' with a loading dock and is 6,000 sqft. not including loading dock.

EM00485  FAMILY CARE AND O.T. CENTER BUILDING
Two story semi-permanent building combines the Family care center (EM00481) and the Occupational Therapy Building (EM00483).

EM00486  M.M.C., ADMINISTRATION, AND MORTUARY BUILDING
Multi story, semi-permanent building combines the M.M.C. Building (EM00480), Administration Building (EM00482), and the Mortuary Building (EM00477).

EM00487  C.C. AND F.A.C.T.S. BUILDING
Multi story, semi-permanent building combines the Counseling Center (EM00479) and the FACTS Building (EM00478).
Missing Something?

Visit us online at www.emsinnovations.com or call us toll-free at 888-236-1267.

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 nor in our catalog) sent via e-mail.