



SHELTER SYSTEMS



Reeves Shelter Systems are internationally recognized as an exceptional integration of shelter, utilities, electronic communications and tactical mobility. Using military-grade shelter technology, Reeves Shelter Systems are able to interconnect with each other to create various shelter packages, including incident command posts, emergency operations centers, casualty collection points, incident camps and medical surge facilities. Built to withstand extreme weather and temperature conditions and easily deployable, Reeves Shelter Systems are the perfect shelter solution for responders or receivers in any emergency situation.

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ABOUT REEVES® SHELTER SYSTEMS

From mobile incident command to medical applications, Reeves Shelter Systems come in a variety of sizes and configurations to fit any situation in which mobile shelters are necessary.

The Durable, Rugged DRASH® Shelter

Reeves Shelter Systems are constructed from the double-cover, durable Deployable Rapid Assembly Shelter, or DRASH. For more than 20 years, DRASH has been used as mobile command and control centers, medical facilities, sleeping quarters or maintenance buildings by both military and NATO forces. DRASH has also been used by emergency medical responders and receivers as medical response shelters, surge capacity shelters, isolation shelters and decontamination shelters, and has been extensively tested in the field and at U.S. Military testing grounds to withstand high winds, rain, snow, sleet and extreme temperatures ranging from -50 degrees Fahrenheit to +131 degrees Fahrenheit. It is also easy to set up and take down, going up in minutes with two to six personnel, depending on the size of the shelter.

A Full Line of Shelter Support Products

Reeves Shelter Systems include a full line of mobile support products, including trailers, generators, lights, hard flooring, environmental control and communications equipment.

Applications

Reeves Shelter Systems have been used in a number of applications, ranging from medical surge and incident command to emergency distribution sites and mobile fatality management centers.

Reeves Shelter Systems have been purchased by the Connecticut Department of Public Health, the New York City Office of Chief Medical Examiner (NYC OCME), the City of New Orleans, San Bernardino County and numerous counties, jurisdictions, fire, EMS and health departments throughout the United States.



"TURN KEY" SHELTER SOLUTION PACKAGES

The Reeves® brand offers "turn key" shelter solution packages, which include all of the necessary components to provide total shelter solutions during any incident.

Casualty Collection Points provide an area in which to administer emergency field treatment to victims of disasters or trauma. *See page 5.*

Emergency Operations Centers allow emergency personnel to direct and coordinate emergency operations from a centralized location in the field. *See page 7.*

Incident Command Posts provide a location from which incident commanders can assign and direct rescue and relief efforts near an incident during an emergency or crisis. *See page 9.*

Fatality Management Centers serve as temporary locations in the field for the identification, processing, storage and viewing of decedents following a disaster or emergency. *See page 11.*

Incident Camps provide temporary housing in the field during any emergency. *See page 13.*

Medical Surge Facilities allow medical personnel to expand their existing bed capacities in response to a disaster or any emergency situation. *See page 15.*

Mobile Field Shower Systems allow emergency personnel to establish shower facilities anywhere, any time. *See page 17.*

Outdoor Patient Isolation Systems fuse state-of-the-art military shelter technology with technologically superior HEPA filtration and HVAC units to form portable, all-weather solutions to biological outbreak isolation. *See page 19.*

A full line of **Reeves Decontamination Shelter Systems** are also available. Visit ReevesEMS.com/shelters for more information.



CASUALTY COLLECTION POINTS

Overview:

- Shelter system in which to administer emergency field treatment to victims of disasters or trauma
- 5-Bed and 10-Bed models available
- 359-519 usable square feet
- Used by Seton Healthcare in Austin, Texas
- Basic Package includes shelter, heating, cooling and lighting
- Optional power generation and distribution, hardened flooring, patient bedding and medical equipment available



Reeves® 5-Bed and 10-Bed **Casualty Collection Points** provide emergency personnel with fully-equipped, rapidly-deployable, rugged, climate-controlled, soft-walled shelter systems in which to administer emergency field treatment to victims of disasters or trauma before entering or being transported to the primary treatment facility.

Reeves Casualty Collection Points are based on the quickly-deployable DRASH® system, which has been used by the U.S. Military and NATO Forces for more than 20 years. Each DRASH shelter features integrated doors, screen windows, ECU ports and utility ports and comes standard with a ground tarp, fabric floor, transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.

Basic Reeves Casualty Collection Point packages include interoperable systems for heating, cooling and lighting. Patient beds are not included. Packages that include power generation and distribution, hardened flooring, patient bedding and medical equipment are also available.

CLIENT TESTIMONIALS

"I can not thank you enough for the assistance the DRASH team provided to our agency during our recent training in Staten Island, NY. The expert assistance you provided and the use of the J Shelter enhanced our training experience more than you realize. Thanks again for all your hard work and dedication to the mission."

— *John Scrivani, Deputy Director, NYC OCME Special Operations Division*

"It's been a great partnership between the city and (DRASH). The company knows our needs and works to accommodate them. There were a lot of people involved with the planning of this, and all of them were impressed with the help we received."

— *Matt Kallmyer, Deputy Director of Emergency Preparedness, New Orleans*

"This is the best concept for a department of our size. A small health department or agency doesn't need a large trailer-shelter combination. This is the perfect system."

— *Chad Jenkins, Hamilton County Health Department, Indiana*

"This is exactly what we need for a command post. In here we can hang up all of our worksheets and talk to one another. We have lighting, hook ups for electricity, printers and televisions running."

— *Doug Whalen, Deputy Chief for Brainard Airport, CT*

"The shelter was a complete success. We were able to provide over 150 pneumonia and flu shots within a twelve hour period. We wouldn't have been able to deliver shots out of the elements without it. This may lead to improved plans and incorporate new concepts in emergency management. Thank you, Reeves."

— *John M. Dwyer
Emergency Response Planner, Champaign-Urbana Public Health District, IL*

"These are the most durable, rugged structures out there. They have been used by the military for years in the field, and are perfect for this type of application."

— *Frank DePaolo
Director, NYC OCME Special Operations Division*

5-Bed Casualty Collection Point

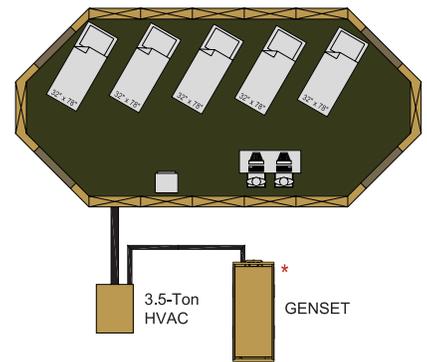
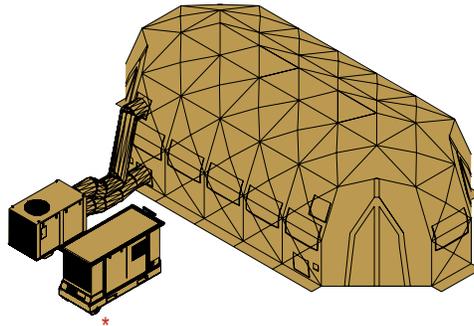
(359 usable sq. ft.)

RHPK0100

The 5-Bed Casualty Collection Point is comprised of the DRASH® Model 5XB Shelter, which offers **359 usable square feet** that can be deployed or taken down by only four (4) to six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

5XB Shelter System (Tan)	1
Fabric Air Plenum System	1
3.5-Ton Mobile ECU	1
DRASH 4-Light Set w/Electrical Set	1



10-Bed Casualty Collection Point

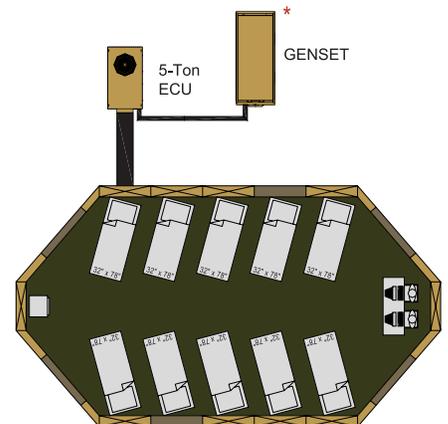
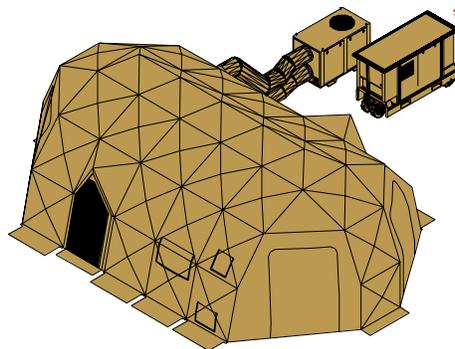
(519 usable sq. ft.)

RHPK0125

The 10-Bed Casualty Collection Point is comprised of the DRASH Model MX5 Shelter, which offers **519 usable square feet** of insulated working space and can be deployed or taken down by only six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

MX5 Shelter System (Tan)	1
Fabric Air Plenum System	1
5-Ton Mobile ECU	1
DRASH 4-Light Set w/Electrical Set	1



* Genset, cots and furniture (as shown) are optional. For information about additional accessories, please contact the HDT Global representative for your area.

EMERGENCY OPERATION CENTERS

Overview:

- Shelter system from which emergency operations can be directed and coordinated in the field
- Small, Medium and Large models available
- 250-519 usable square feet
- Used by the Hamilton County Health Department in Indiana
- Basic Package includes shelter, heating, cooling and lighting
- Optional power generation and distribution, hardened flooring and furniture available



Reeves® Small, Medium and Large **Emergency Operations Centers** provide emergency personnel with a fully-equipped, rapidly-deployable, rugged, climate-controlled, soft-walled shelter system from which emergency operations can be directed and coordinated from a centralized location in the field.

Each Emergency Operations Center is based on the quickly-deployable DRASH® system, which has been used by the U.S. Military and NATO Forces for more than 20 years. Each DRASH shelter includes integrated doors, screen windows, ECU ports and utility ports and comes standard with a ground tarp, fabric floor, transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.

Basic Reeves Emergency Operations Center packages include interoperable systems for heating, cooling and lighting. Packages that include power generation and distribution, hardened flooring and furniture are also available.

Small Emergency Operations Center

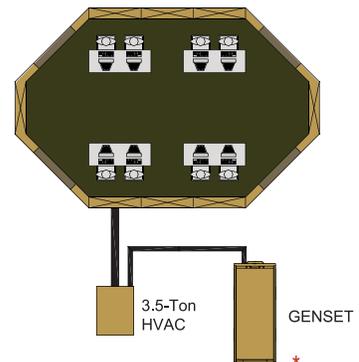
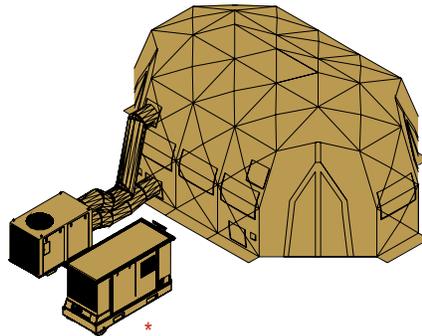
(250 usable sq. ft.)

RHPK0150

The Reeves Small Emergency Operations Center is comprised of the DRASH Model 3XB Shelter, which offers **250 usable square feet** of insulated field operations space that can be deployed or taken down by only four (4) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

3XB Shelter System (Tan)	1
Fabric Air Plenum System	1
3.5-Ton Mobile ECU	1
DRASH 2-Light Set w/Electrical Set	1



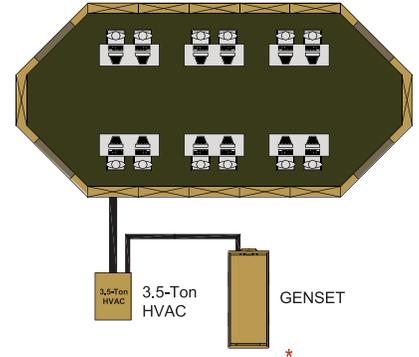
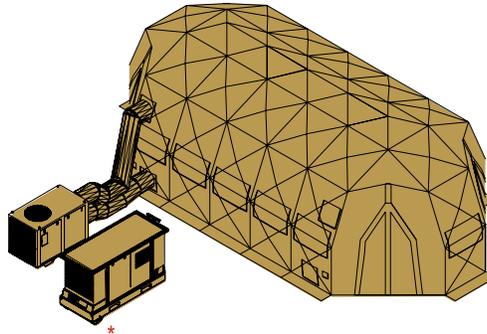
Medium Emergency Operations Center

(359 usable sq. ft.)
RHPK0175

The Medium Emergency Operations Center is comprised of the DRASH® Model 5XB Shelter, which offers **359 usable square feet** of insulated field operations space that can be deployed or taken down by only four (4) to six (6) personnel without special tools or dealing with loose parts.

Components:

5XB Shelter System (Tan)	1
Fabric Air Plenum System	1
3.5-Ton Mobile ECU	1
DRASH 4-Light Set w/Electrical Set	1



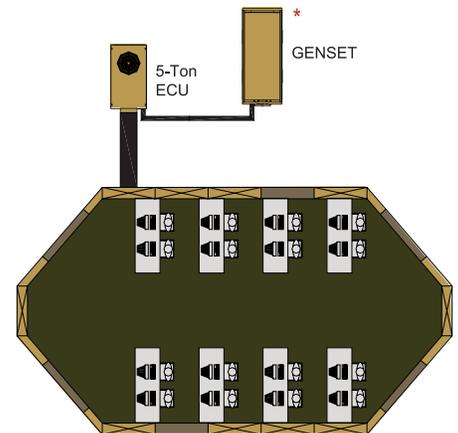
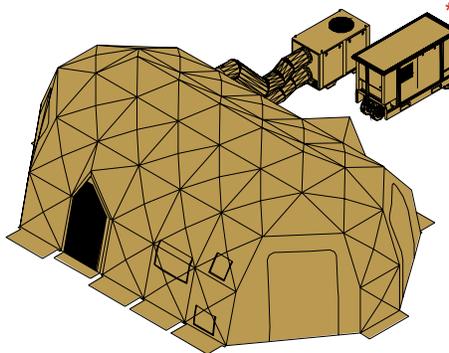
Large Emergency Operations Center

(519 usable sq. ft.)
RHPK0200

The Large Emergency Operations Center is comprised of the DRASH Model MX5 Shelter, which offers **519 usable square feet** insulated field operations space that can be deployed or taken down by only six (6) personnel without special tools or dealing with loose parts.

Components:

MX5 Shelter System (Tan)	1
Fabric Air Plenum System	1
5-Ton Mobile ECU	1
DRASH 4-Light Set w/Electrical Set	1



* Genset and furniture (as shown) are optional. For information about additional accessories, please contact the HDT Global representative for your area.

INCIDENT COMMAND POSTS

Overview:

- Shelter system from which an incident commander can assign and direct rescue and relief efforts from the field during an emergency or crisis
- Small, Medium and Large models available
- 250-519 usable square feet
- Used by San Bernardino County in California
- Basic Package includes shelter, heating, cooling and lighting
- Optional power generation and distribution, hardened flooring, projectors, screens, chairs and “smart” tables available

Reeves® Small, Medium and Large **Incident Command Posts (ICP)** provide response personnel with a fully-equipped, rapidly-deployable, rugged, climate-controlled, soft-walled shelter system from which an incident commander can assign and direct rescue and relief efforts from the field during an emergency or crisis.

Each Incident Command Post (ICP) is based on the quickly-deployable DRASH® system, which has been used by the U.S. Military and NATO Forces for more than 20 years. Each DRASH shelter features integrated doors, screen windows, ECU ports and utility ports and comes standard with a ground tarp, fabric floor, transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.

Basic Reeves Incident Command Post packages include heating, cooling and lighting. Packages that include power generation and distribution, hardened flooring, projectors, screens, chairs and “smart” tables are also available.



Small Incident Command Post

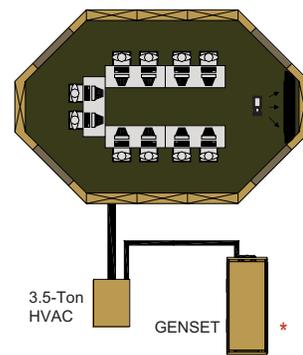
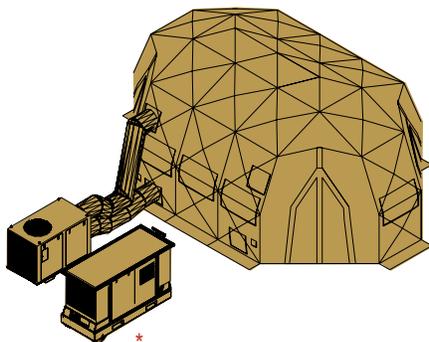
(250 usable sq. ft.)

RHPK0225

The Reeves Small Incident Command Post is comprised of the DRASH Model 3XB Shelter, which offers **250 usable square feet** of insulated command space that can be deployed or taken down by only four (4) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

3XB Shelter System (Tan)	1
Fabric Air Plenum System	1
3.5-Ton Mobile ECU	1
DRASH 2-Light Set w/Electrical Set	1



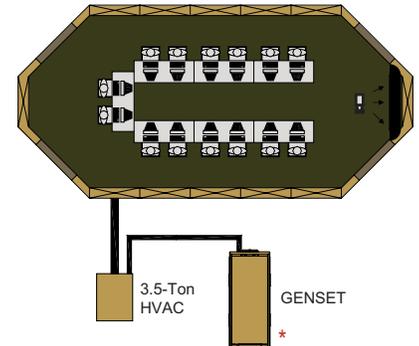
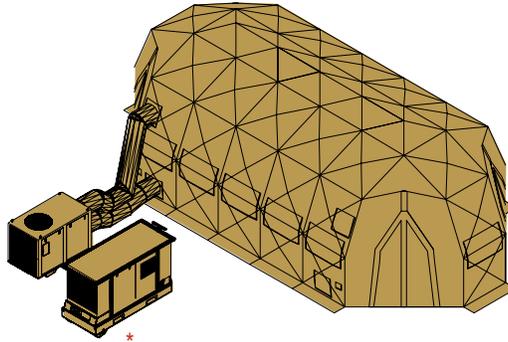
Medium Incident Command Post

(359 usable sq. ft.)
RHPK0250

The Reeves® Medium Incident Command Post is comprised of the DRASH® Model 5XB Shelter, which offers **359 usable square feet** of insulated command space that can be deployed or taken down by only four (4) to six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

- 5XB Shelter System (Tan) 1
- Fabric Air Plenum System 1
- 3.5-Ton Mobile ECU 1
- DRASH 4-Light Set w/Electrical Set 1



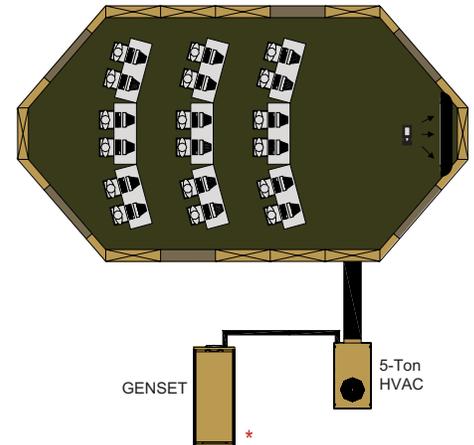
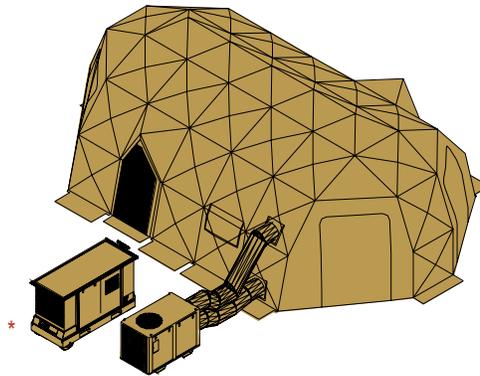
Large Incident Command Post

(519 usable sq. ft.)
RHPK0275

The Reeves Large Incident Command Post is comprised of the DRASH Model MX5 Shelter, which offers **519 usable square feet** of insulated command space that can be deployed or taken down by only six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

- MX5 Shelter System (Tan) 1
- Fabric Air Plenum System 1
- 5-Ton Mobile ECU 1
- DRASH 4-Light Set w/Electrical Set 1



* Genset, furniture and A/V equipment (as shown) are optional.
For information about additional accessories, please contact the HDT Global representative for your area.

NEW PRODUCT

Reeves® Incident Command Post Trailer

The Reeves Incident Command Post (ICP) Trailer allows incident commanders to establish a fully-equipped interoperable incident command post through which different departments can communicate with each other regardless of differences in equipment and hardware. The lightweight, aerodynamic design allows for travel anywhere — even offroad, while the double-wall, insulated shelter deploys within minutes with minimal personnel. The ICP's optional interoperable communications equipment includes satellite communications, Internet access and an integrated command and control system. (See Reeves ICP brochure for more details)



FATALITY MANAGEMENT CENTERS

Overview:

- Serves as a temporary location in the field for the identification, processing, storage and viewing of casualties following a disaster or emergency.
- Small, Medium and Large models available
- 250-902 usable square feet
- Used by the NYC Office of Chief Medical Examiner (OCME)
- Basic Package includes shelter, heating, cooling and lighting
- Optional power generation and distribution, hardened flooring, privacy curtain, 5-foot sectional rollers, mortuary trays, body bags, tables and chairs available



Reeves® Small, Medium and Large **Fatality Management Centers** provide response personnel with a fully-equipped, rapidly-deployable, rugged, climate-controlled, soft-walled shelter system that serves as a temporary location in the field for the identification, processing, storage and viewing of casualties following a disaster or emergency.

Each Fatality Management Center is based on the quickly-deployable DRASH® system, which has been used by the U.S. Military and NATO Forces for more than 20 years. Each DRASH shelter features integrated doors, screen windows, ECU ports and utility ports and comes standard with ground tarp, fabric floor, transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.

Basic Fatality Management Center packages include systems for heating, cooling and lighting. More comprehensive packages that include a built-in shelter privacy curtain, power generation and distribution, hardened flooring, 5-foot sectional rollers, mortuary trays, body bags, tables and chairs are also available.

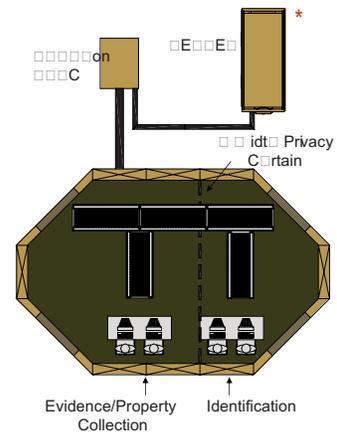
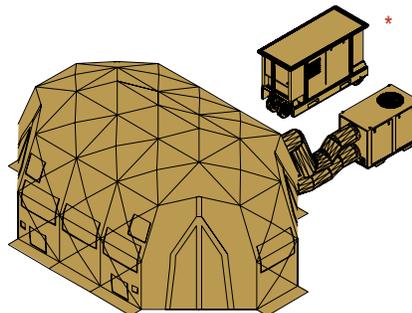
Small Fatality Management Center

(250 usable sq. ft.)
RHPK0300

The Reeves Small Fatality Management Center is comprised of a DRASH Model 3XB Shelter, which offers **250 usable square feet** of insulated space that can be deployed or taken down by only four (4) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

- 3XB Shelter System (Tan) 1
- Fabric Air Plenum System 1
- 3.5-Ton Mobile ECU 1
- DRASH 2-Light Set w/Electrical Set 1



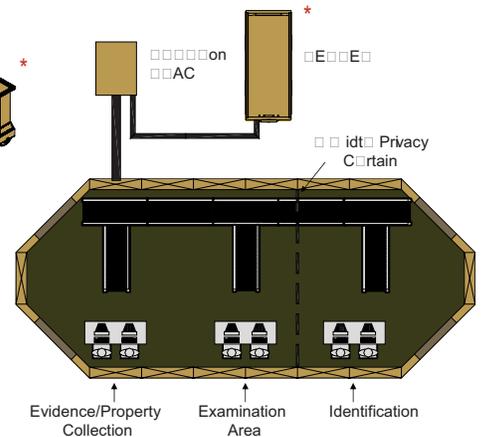
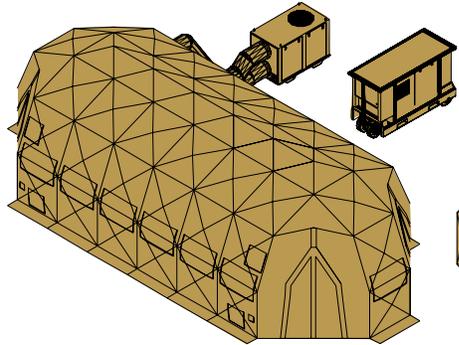
Medium Fatality Management Center

(414 usable sq. ft.)
RHPK0325

The Medium Fatality Management Center is comprised of the DRASH® Model 6XB Shelter, which offers **414 usable square feet** of insulated space and can be deployed or taken down by only six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

6XB Shelter System (Tan)	1
Fabric Air Plenum System	1
3.5-Ton Mobile ECU	1
DRASH 4-Light Set w/Electrical Set	1



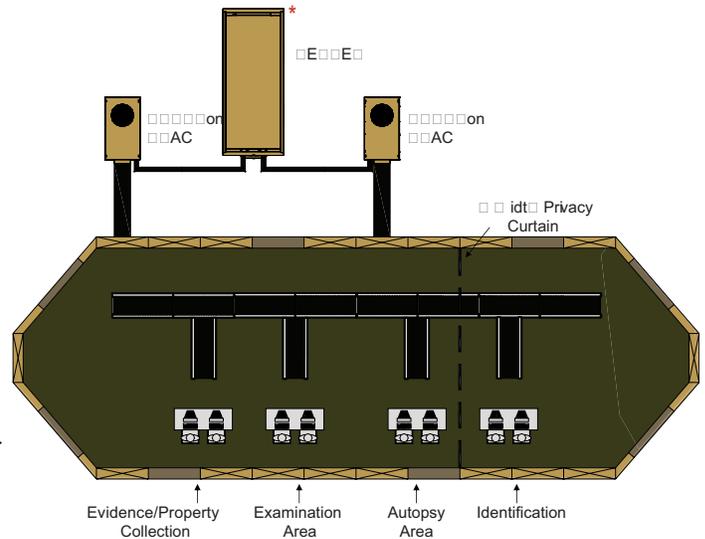
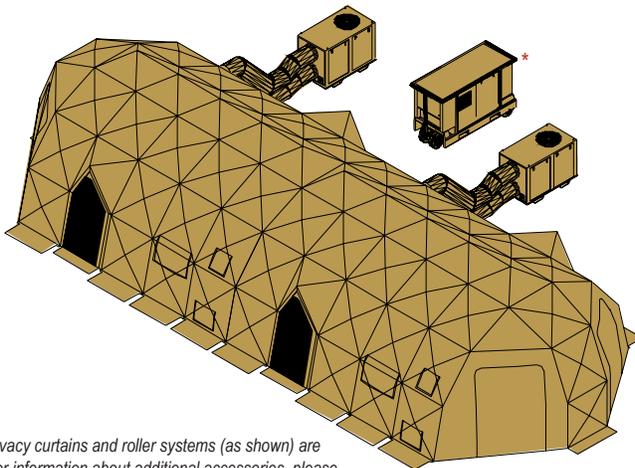
Large Fatality Management Center

(902 usable sq. ft.)
RHPK0425

The Large Fatality Management Shelter is comprised of two DRASH MX5 Shelters to provide **902 usable square feet** that can be deployed or taken down by only six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

MX5 Center Sections (Tan)	2
MX End Caps (Tan)	2
Fabric Air Plenum System	1
3.5-Ton Mobile ECU	2
DRASH 4-Light Set w/Electrical Set	2



* Genset, privacy curtains and roller systems (as shown) are optional. For information about additional accessories, please contact the HDT Global representative for your area.

INCIDENT CAMPS

Overview:

- Serves as temporary housing in the field during any emergency or crisis.
- 10-Bed and 20-Bed models available
- 519-902 usable square feet
- Used by FEMA in response to Hurricane Katrina
- Basic Package includes shelter, heating, cooling and lighting
- Optional power generation and distribution, hardened flooring, cots and bedding available



Reeves® 10-Bed and 20-Bed **Incident Camps** provide response personnel with a fully-equipped, rapidly-deployable, rugged, climate-controlled, soft-walled shelter system that serves as temporary housing in the field during any emergency or crisis.

Each Incident Camp is based on the quickly-deployable DRASH® system, which has been used by the U.S. Military and NATO Forces for more than 20 years. Each DRASH shelter features integrated doors, screen windows, ECU ports and utility ports and comes standard with a ground tarp, fabric floor, transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.

Basic Incident Camps include systems for heating, cooling and lighting. More comprehensive packages that include power generation and distribution, hardened flooring, cots and bedding are also available.

10-Bed Incident Camp

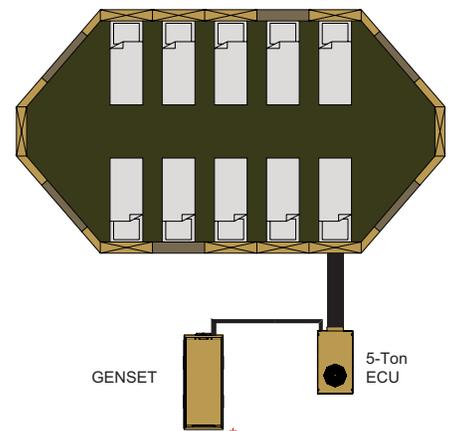
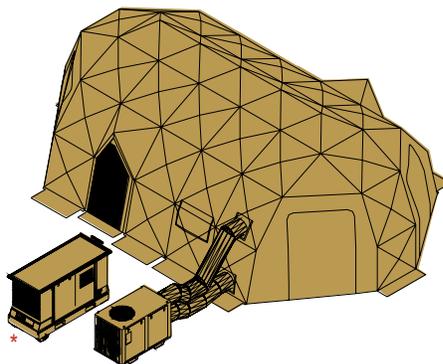
(519 usable sq. ft.)

RHPK0350

The Reeves 10-Bed Incident Camp is comprised of a DRASH Model MX5 Shelter, which offers **519 usable square feet** of insulated incident camp space that can be deployed or taken down by only six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

MX5 Shelter System (Tan)	1
Fabric Air Plenum System	1
5-Ton Mobile ECU	1
DRASH 4-Light Set w/Electrical Set	1



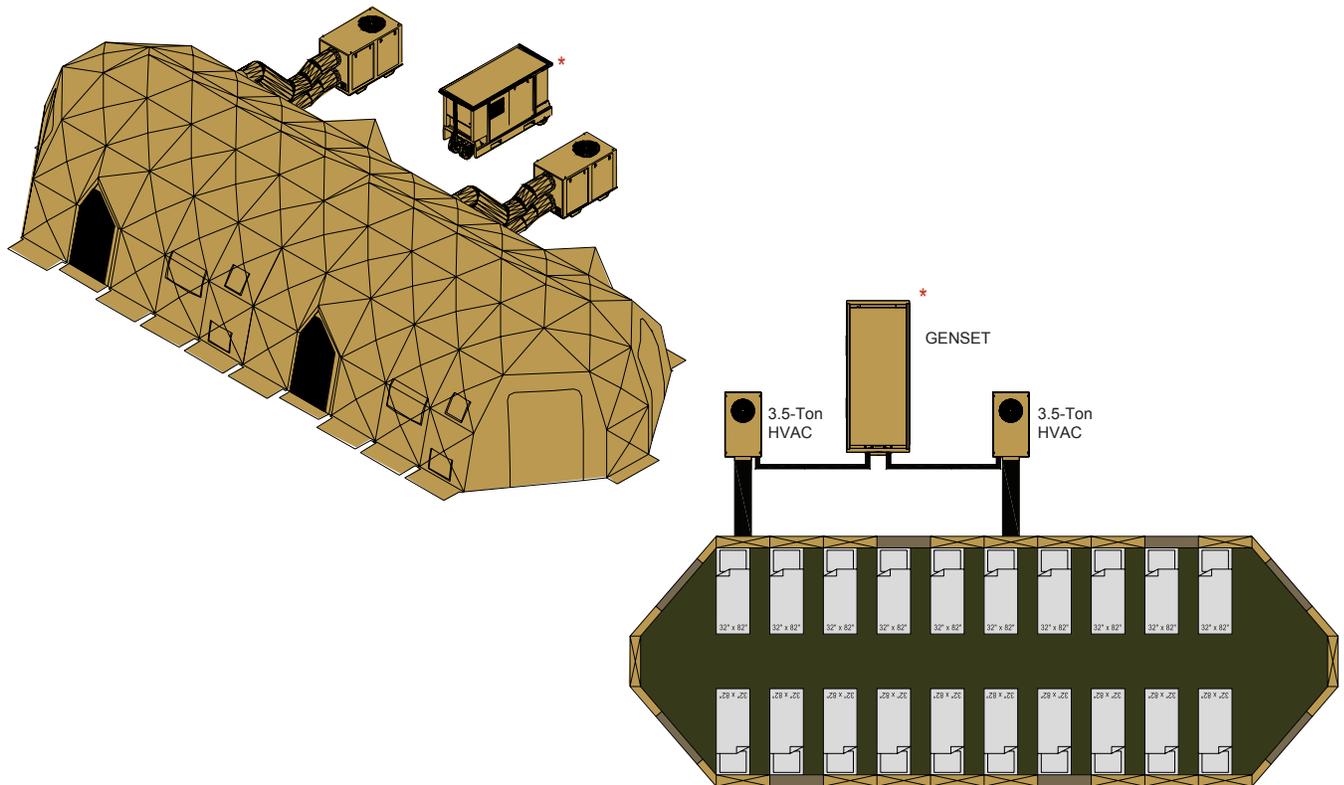
20-Bed Incident Camp

(902 usable sq. ft.)
RHPK0375

The 20-Bed Incident Camp is comprised of two (2) DRASH® Model MX5 Shelters, which offer up to **902 usable square feet** of incident camp space that can be deployed or taken down by only six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

MX5 Center Sections (Tan)	2
MX End Caps (Tan)	2
Fabric Air Plenum System	1
3.5-Ton Mobile ECU	2
DRASH 4-Light Set w/Electrical Set	2



* Genset and cots (as shown) are optional. For information about additional accessories, please contact the HDT Global representative for your area.

MEDICAL SURGE FACILITIES

Overview:

- Shelter system in which to expand existing bed capacities in response to a disaster or an emergency situation
- 10-Bed and 25-Bed models available
- 748-1,285 usable square feet
- Used by the Connecticut Department of Public Health
- Basic Package includes shelter, heating, cooling and lighting
- Optional power generation and distribution, hardened flooring, patient bedding and medical equipment available



10-Bed Medical Surge Facility

(748 usable sq. ft.)
RHPK0450

The Reeves 10-Bed Medical Surge Facility is comprised of a DRASH Model M Shelter which offers **748 usable square feet** of insulated treatment space that can be deployed or taken down by only four (4) to six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

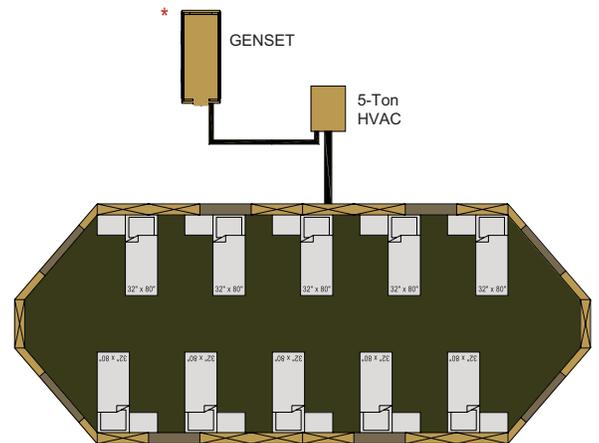
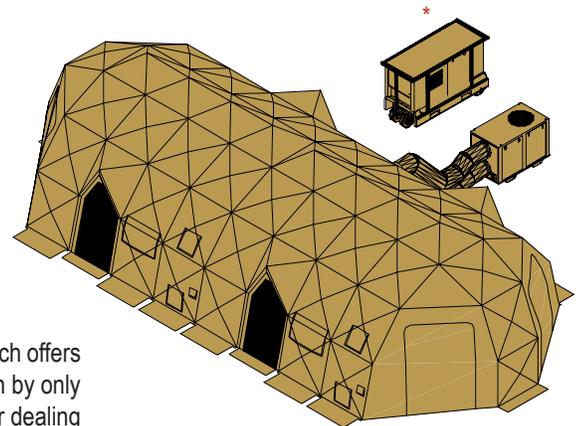
Components:

M Shelter System (Tan)	1
Fabric Air Plenum System	1
5-Ton Mobile ECU	1
DRASH 4-Light Set w/Electrical Set	1
DRASH 2-Light Set w/Electrical Set	1

Reeves® 10-Bed and 25-Bed **Medical Surge Facilities** provide medical personnel with a fully-equipped, rapidly-deployable, rugged, man-portable, climate-controlled, soft-walled shelter in which to expand their existing bed capacities in response to a disaster or any emergency situation.

Each Medical Surge Facility is based on the quickly-deployable DRASH® system, which has been used by the U.S. Military and NATO Forces for more than 20 years. Each DRASH shelter features integrated doors, screen windows, ECU ports and utility ports and comes standard with a ground tarp, fabric floor, transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.

Basic Medical Surge Facilities include interoperable systems for heating, cooling and lighting. Patient beds are not included. More comprehensive packages that include power generation and distribution, hardened flooring, patient bedding and medical equipment are also available.



25-Bed Medical Surge Facility

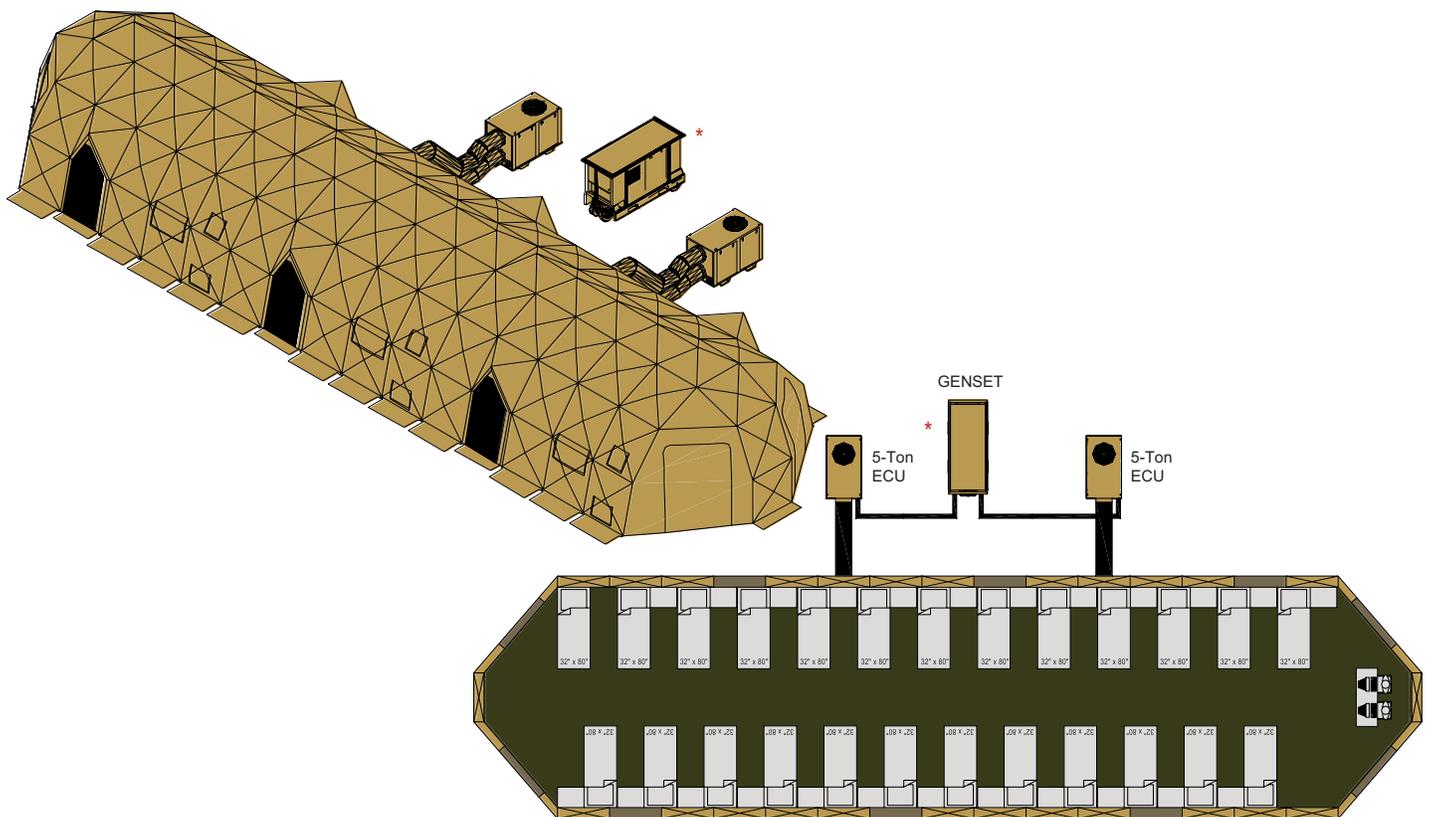
(1285 usable sq. ft.)

RHPK0400

The 25-Bed Medical Surge Facility is comprised of the 25-Bed Medical Surge Shelter which offers up to **1,285 usable square feet** of treatment space that can be deployed or taken by only six (6) personnel within a matter of minutes without the need for special tools or dealing with loose parts.

Components:

MX5 Center Sections (Tan)	3
MX End Caps (Tan)	2
Fabric Air Plenum System	2
5-Ton Mobile ECU	2
DRASH® 4-Light Set w/Electrical Set	3



* Genset, cots and furniture (as shown) are optional. For information about additional accessories, please contact the HDT Global representative for your area.

MOBILE FIELD SHOWER SYSTEM



Overview:

- Mobile shower system that can be deployed anywhere
- Multiple stall configurations available
- Features private shower stalls and a common wash area with wash basins and benches
- Used by O'Hare Airport in Chicago, Illinois

Set up within minutes, the Reeves® **Mobile Field Shower System** makes it possible to establish shower facilities anywhere. Created by combining DRASH® shelter technology with a state-of-the-art water supply system, this unique, independently operational design includes private shower stalls and a common wash area with wash basins and benches. All Reeves Field Shower Systems are available in blue, green and tan.

Features:

Shelter System:

- Various shower and sink configurations available to meet users' needs.
- Includes a durable, fire retardant, mold and mildew resistant, waterproof cover.
- Frame is manufactured from Titanite®, an aerospace composite material with superior structural properties.
- Shelter sets up in minutes without the use of special tools.
- Plumbing lines are integrated into the interior shelter frame, allowing for an easier and more rapid set up. The lines are supplied by 35-foot, heavy-duty, abrasion-resistant hoses that connect them to the water heater via cam lock fittings.
- Wash basins and six-foot long benches form the common wash area.
- Individual shower stalls include 2.5 gpm showerheads with quick-connect fittings and built-in shut offs.
- A rigid-wall containment berm features 8" high side walls and raised floors for optimum water runoff conditions.
- "Intellipump" automatically turns on with the presence of water and turns off when level is below ¼ inch.

G2 Water Heating System:

- 425,000 BTU, self-heating water system.
- Multi-Fuel (diesel, kerosene, home heating oil, and JP4).
- Flow rate of up to 28 gallons per minute.
- 10-gallon on-board fuel tank with drain plug.
- 110V outlet onboard for convenience.
- Instructional panel for ease of operation.
- Built-in anti-scald protection device factory pre-set at 110°F.
- Thermostatically-controlled.
- Operator's panel with color-coded temperature and pressure gauges.
- Heater ignited by solid state electrical system (NO FLAME) that ignites upon water flow.
- Burner motor is a 1/4 hp, 120 V, 60hz, 1 ph and runs at 3450 rpm.
- Inline GFCI protection.
- Fuel filter with water separator.
- Modular design -- ruggedized for field use.
- Man portable and easy to maneuver.
- Mounted on four (4) hardened tires with hand brake for safety.
- 1 1/2" Female NST inlet with swivel and teathered compressed air adapter for winterization purposes.
- Unit will safely accept incoming water pressure of up to 125 psi.
- System can be adapted for use with multiple water sources that provide adequate water pressure and flow (adapters not included).
- Four (4) discharge outlets with male cam lock fittings and tethered caps.
- Includes two (2) 35-foot, 1/2" supply hoses with cam lock fittings that provide heated water and solution to Reeves shower plumbing.
- Discharge outlets and supply hoses can be factory modified in order to supply heated water to non-Reeves shower systems.



OUTDOOR PATIENT ISOLATION SYSTEM



Overview:

- Portable, all-weather solution to biological outbreak isolation
- Available in 6-8 and 10-14 bed models (402-515 square feet)
- Used by NYC OCME

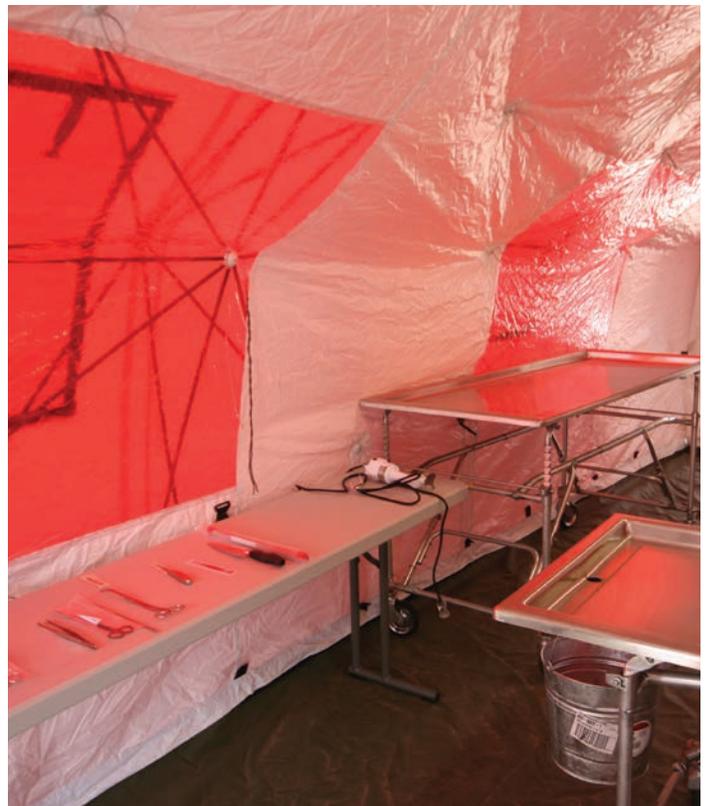
The Reeves® **Outdoor Patient Isolation System** fuse state-of-the-art military shelter technology with a technologically superior combination HEPA filtration and HVAC unit to form a portable, all-weather solution to biological outbreak isolation.

Sterile and Secure Patient Isolation Systems

Providing 402-515 usable square feet of negatively or positively pressured treatment space, the System is based on patented Deployable Rapid Assembly Shelter (DRASH®) military shelter frame technology, that can be set up within minutes of arrival at the incident scene by minimal personnel without using special tools or dealing with loose parts.

Shelter Layout

The Outdoor Patient Isolation Systems come with a biologically secure staff anteroom to allow for medical personnel to don or doff gear before entering and after exiting the pressurized patient treatment area. Zippered entry and exit doors and heat-sealed viewing windows provide complete containment while allowing personnel to view inside the shelter without entering. The anteroom wall can also be tied back to open up the shelter for other uses. Each Isolation System also includes a fabric air plenum system, ground tarp, fabric floor, transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.



State-of-the-Art Filtration Systems

Two filtration systems are available for use with the Outdoor Patient Isolation System: a stand-alone filtration system and a filtration/HVAC system.

Filtration/HVAC System

RISO2400

Features Include:

- Airflow: 2220 cfm
- Flexible, foil-coated, disposable air input/output ducts
 - Female input connectors on unit port; male duct collars
 - Male output connectors on unit port; female duct collars
- Power ratings of 240 volt, 50 amp, 60 Hz
- Heat and cooling outputs of 60,000 BTU
- Two banks of two elements for low and high heating
- Pressure Differential: 0.1" to 0.12" WC
- Onboard adjustable dampers for positive and negative pressurizing
- Remote thermostat allows for dual level heating and single level heating
- HEPA filter and UV lamps
- Automatic overheating shutdown
- Auditory alarm and light indicator detect filter blockage and/or UV failure

Dimensions: 35.5"W x 69.25"L x 73"H

Weight: 862 lbs.

Stand-Alone Filtration System

1006983

Features Include:

- Portable, all-weather design for use in the elements
- Constructed from powder-coated aluminum alloy case
- Airflow: 2,500 CFM
- Power: Three phase, 230VAC 8A, 60 Hz
- Three horsepower, variable control, belt drive industrial grade motor with 1 and 1/8" shaft
- System maintains positive or negative pressure of 0.01 WG for isolation to meet CDC guidelines for infection control
- CDC Capacity: 12 ACH in spaces of up to 12,500 CFM
- Filtration: 99.99% @.3Microns*
- Ozone Free Germicidal UV @253.7 nm
- Automatic controls
- Power, filter and pressure indicators
- Heavy-duty, all-terrain casters allow for field applications

Optional Features:

- Ozone Generation for additional sterilization method of the air purification unit
- Software package for data logging
- Web browser capability for access of web
- Remote notification of alarm status to PDA, Cell, Pager

Dimensions: unit: 33"W x 41.1"L x 63"H, duct: 16"

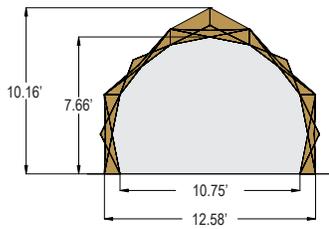
Weight: unit: 280 lbs., filters: 20 lbs. ea

* Each filter is individually and independently certified with an efficiency test rating. 99.99% is the maximum efficiency level. Minimum efficiency is 99.97%.



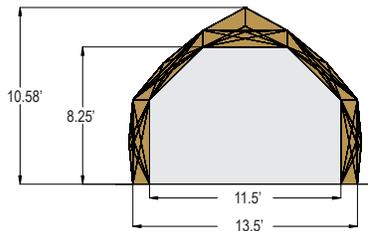
BASIC DRASH DESIGN

C Series



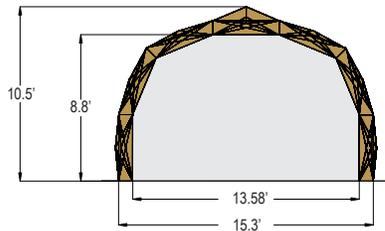
Interior Length
9.7'
Exterior Length
10.5'

S Series



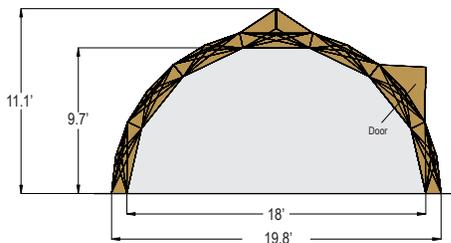
Interior Length Range
5 - 36.5'
Exterior Length Range
5 - 38.5'

XB Series



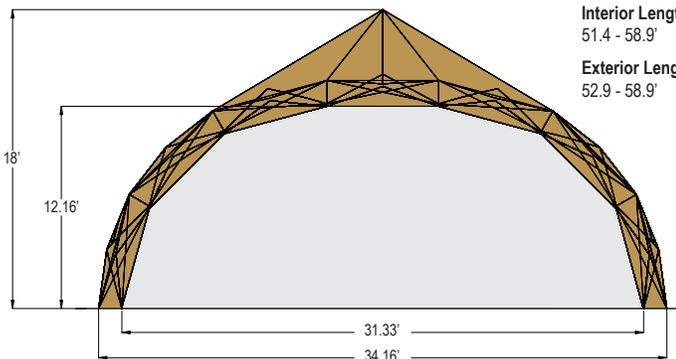
Interior Length Range
4 - 33.6'
Exterior Length Range
4 - 35.3'

M Series



Interior Length Range
29.1 - 47.7'
Exterior Length Range
30.7 - 46'

J Series



Interior Length Range
51.4 - 58.9'
Exterior Length Range
52.9 - 58.9'

The DRASH design is **comprised of a frame with two pre-attached covers and a ground cover**. This means that setting up a DRASH® shelter does not require special tools or dealing with loose parts. Additionally, its easy-to-use strut and hub configuration **allows it to be set up within minutes** of arriving at a location.

In this design, pairs of struts are made from an advanced composite material called Titanite®. Titanite has 270 percent more flex strength than aluminum for the same diameter and cross sectional area. This means that it will bend but not break under pressure. The struts connect to the framework at points called hubs. These hubs allow the shelter to be pushed up and out with no locking devices for quick set up or take down. A double layer of high-tech fabric, called XYTEX®, provides natural insulation that keeps out the winter cold or the summer heat. The specially coated fabric is fire retardant, mildew resistant and water repellent, and is highly resistant to abrasion and ultra violet rays.

DRASH C, S, XB, M and J Series Shelters are categorized according to width, length and design — with the C being the smallest at 109 square feet and the J being the largest at 1,250 square feet. Shelters can be interconnected to increase or decrease an overall structure's footprint.

Additionally, DRASH Responder Series Shelters - a series of single-cover shelters - are also available. (see page 28)

SHELTER TESTING

DRASH® shelter systems are the most technologically advanced shelter systems available today, incorporating multiple patents and undergoing thorough testing for its shelters, trailers and support equipment.

DRASH shelters have been tested for rain, wind, temperature, durability, blackout and snowload at the Aberdeen Test Center (ATC) in Maryland and meet all Mil-Standard requirements for soft-walled shelters.

DRASH UST Trailers and their components have undergone rigorous testing at both ATC and the Nevada Automotive Testing Center (NATC), and have met military criteria during environmental, transportability, electromagnetic interference (EMI) and electromagnetic pulse (EMP) testing.



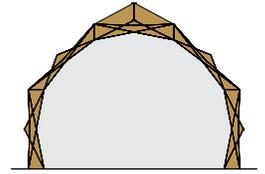
DRASH DURABILITY TESTING				
Test Criteria/Shelter Series	S Series	XB Series	M Series	J Series
Rain Able to withstand 2 inches per hour of free falling and blowing rain for 30 minutes without intrusion of water into the shelter.	PASSED	PASSED	PASSED	PASSED
Wind Able to withstand a steady wind of 55 mph for 30 minutes with gusts up to 65 mph.	PASSED	PASSED	PASSED	PASSED
Temperature Able to sustain inside ambient temperatures of +40°F to +87°F within an hour when subjected to extreme high and low temperature ranges of -50°F to +131°F.	PASSED	PASSED	PASSED	PASSED
Durability Able to withstand a minimum of 36 erect/strike cycles without structural damage.	PASSED	PASSED	PASSED	PASSED
Blackout Interior shelter lights not visible during ingress/egress within 100 meters with the naked eye, or within 300 meters with night vision goggles.	PASSED	PASSED	PASSED	PASSED
Snowload Able to withstand 10lbs/sq. ft. of snow load for 12 hours without damage using All Weather Kit.	PASSED	PASSED	PASSED	PASSED

Complete results based on tests conducted at U.S. Army Aberdeen Test Center from 2004 to 2006. Test results relevant for all shelters manufactured with XYTEX® covers and Titanite® struts. Test results available upon request.

C SERIES



The DRASH® C Series Shelter has an **interior width of 11 feet (3.4 meters)** and an **interior height of 7.6 feet (2.3 meters)**, providing a **usable area of 109 square feet (10 sq. m)** to accommodate a number of different types of operations and applications.



Its quick erect/strike design allows it to be set up or taken down using only two personnel in under ten minutes. The shelter is simply offloaded and positioned, lifted and spread, then pushed up and secured. Additionally, a power port, duct port and a stove pipe port make this shelter usable in all climates and weather conditions.

C Series Shelters pack down to less than 2 percent of deployed size for easy transport.

Shelter Model	Length				Width				Total Weight		Packed Dimensions		Usable Area		Packed Volume	
	Interior		Exterior		Interior		Exterior		lb.	kg.	in.	cm.	sq. ft.	sq. m.	cu. ft.	cu. m.
	ft.	m.	ft.	m.	ft.	m.	ft.	m.								
C	9.7	3	10.5	3.2	11	3.4	12.58	3.83	170	77.1	62 x 21 x 28	156 x 54 x 71	109	10.1	20.9	.59

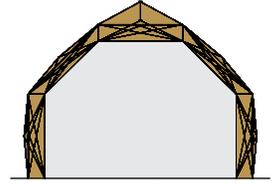
Included Components:

- complete shelter
- ground cover
- floor
- stove pipe port
- steel stake set
- repair kit
- push poles
- transport bag

S SERIES



DRASH® S Series Shelters have an **interior width of 11.5 feet (3.5 meters)** and an **interior height of 8.25 (2.5 meters)**, and come in six model sizes in three basic variants, **providing from 112 to 402 square feet (10.4 – 37.7 sq. m.) of usable space** depending on the model and the variant.



All S Series Shelters can be easily set up within 15 minutes of arriving at location using from four to six people and can be taken down just as quickly. S Series Shelters do not require any assembly in the field, nor do they require any special equipment for either setting up or striking. Simply offload and position, lift and spread, push up and secure.

S Series Shelters pack down to less than 2 percent of deployed size for easy transport.



Shelter Model	Length				Total Weight		Packed Dimensions		Usable Area		Packed Volume	
	Interior		Exterior		lb.	kg.	in.	cm.	sq. ft.	sq. m.	cu. ft.	cu. m.
	ft.	m.	ft.	m.								
1S	11.5	3.5	13.5	4.1	246	112	66 x 24 x 29	168 x 61 x 74	112	10.4	26.58	.75
2S	16.5	5	18.5	5.6	313	142	66 x 28 x 30	168 x 71 x 76	168.6	15.6	32.08	.91
3S	21.5	6.6	23.5	7.2	381	173	66 x 33 x 31	168 x 84 x 79	226.1	21	39.07	1.1
4S	26.5	8.1	28.5	8.7	440	200	66 x 35 x 31.5	168 x 89 x 80	283.6	26.3	42.11	1.19
5S	31.5	9.6	33.5	10.2	502	228	66 x 36 x 32	168 x 91 x 81	341.1	31.7	44	1.25
6S	36.5	11.1	38.5	11.7	575	261	66 x 37 x 33	168 x 94 x 84	402	37.7	46.64	1.32
1ST	8.3	2.5	9.3	2.8	209	95	66 x 23 x 28	168 x 48 x 71	84.3	7.8	24.6	.70
2ST	13.3	4.1	14.3	4.4	276	125	66 x 27 x 29	168 x 69 x 74	141.8	13.2	29.91	.85
3ST	18.3	5.6	19.3	5.9	344	156	66 x 31 x 30	168 x 79 x 76	199.3	18.5	35.52	1
4ST	23.3	7.1	24.3	7.4	403	183	66 x 33 x 30.5	168 x 84 x 77	256.8	23.8	38.44	1.1
5ST	28.3	8.6	29.3	8.9	450	204	66 x 34 x 31	168 x 86 x 79	314.3	29.2	40.26	1.14
6ST	33.3	8.6	34.3	10.5	523	237	66 x 35 x 32	168 x 89 x 81	371.8	34.5	42.78	1.2
1SI	5	1.5	-	-	152	68.9	66 x 22 x 26	168 x 56 x 66	57.5	5.3	21.85	.62
2SI	10	3	-	-	219	99.2	66 x 26 x 27	168 x 66 x 69	115	10.7	26.81	.76
3SI	15	4.6	-	-	287	130	66 x 29 x 28	168 x 74 x 71	172	16	31	.88
4SI	20	6.1	-	-	346	156.7	66 x 31 x 28	168 x 79 x 71	230	21.4	33.15	.94
5SI	25	7.6	-	-	393	178	66 x 32 x 29	168 x 81 x 74	287.5	26.7	35.44	1
6SI	30	9.1	-	-	466	211	66 x 33 x 30	168 x 84 x 76	345	32	37.8	1.07

Included Components:

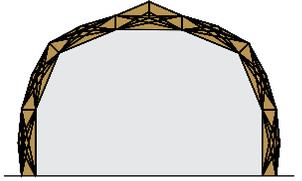
- complete shelter
- ground cover
- floor
- steel stake set
- repair kit
- push poles
- transport bag

A custom-made T Boot is included for ST Model Shelters to fit the client's vehicle or ISO Container.

XB SERIES



DRASH® XB Series Shelters have an **interior width of 13.6 feet (4.2 meters)** and an **interior height of 8.7 feet (2.7 meters)**, and come in six model sizes in three basic variants, **providing 140.4 to 413.4 square feet (13 to 38.4 meters) of usable space** depending on the model and the variant.



All XB Series Shelters can be easily set up within 15 minutes of arriving at location using only four to six people and can be taken down just as quickly. XB Series Shelters do not require any assembly in the field, nor do they require any special equipment for either setting up or striking. Simply offload and position, lift and spread, push up and secure.

XB Series Shelters pack down to less than 2 percent of deployed size for easy transport.

Shelter Model	Length				Total Weight		Packed Dimensions		Usable Area		Packed Volume	
	Interior		Exterior									
	ft.	m.	ft.	m.	lb.	kg.	in.	cm.	sq. ft.	sq. m.	cu. ft.	cu. m.
1XB	13.6	4.1	15.3	4.7	243	110.2	52 x 36.5 x 25	132 x 93 x 64	140.4	13	27.46	.78
2XB	17.6	5.4	19.3	5.9	323	146.5	52 x 38.8 x 26.5	132 x 98 x 67	195	18	30.9	.88
3XB	21.6	6.6	23.3	7.1	403	182.8	52 x 41 x 27.8	132 x 104 x 70	249	23	34	.96
4XB	25.6	7.8	27.3	8.3	483	219.1	52 x 42.9 x 29	132 x 109 x 74	304.2	28.2	37.4	1.06
5XB	29.6	9	31.3	9.5	563	255.4	52 x 46.4 x 30.3	132 x 118 x 77	358.8	33.3	42.22	1.2
6XB	33.6	10.2	35.3	10.8	644	292.1	52 x 49.9 x 31.5	132 x 127 x 80	413.4	38.4	47.3	1.3
1XBT	8.8	2.7	9.6	2.9	171	77.6	52 x 33 x 22	132 x 86 x 61	97.7	9	21.85	.62
2XBT	12.8	3.9	13.6	4.1	251	113.9	52 x 35.8 x 23	132 x 91 x 58	152.3	14	27.74	.70
3XBT	16.8	5.1	17.6	5.4	331	150.1	52 x 38 x 25.5	132 x 96 x 65	206.9	19.2	29.16	.83
4XBT	20.8	6.3	21.6	6.6	411	186.4	52 x 40 x 26	132 x 102 x 66	261.5	24.3	31.3	.89
5XBT	24.8	7.6	25.6	7.8	491	222.7	52 x 43 x 27.5	132 x 109 x 70	316.1	29.4	35.58	1
6XBT	28.8	8.8	29.6	9	571	259	52 x 47 x 28	132 x 119 x 71	370.7	34.4	39.6	1.1
1XBI	4	1.2	-	-	98	44.5	52 x 31 x 20	132 x 79 x 51	55	5.1	18.66	.53
2XBI	8	2.4	-	-	178	80.7	52 x 32 x 21	132 x 81 x 53	109.6	10.1	20.22	0.57
3XBI	12	3.7	-	-	258	117	52 x 35 x 22	132 x 89 x 56	164.2	15.3	23.17	0.66
4XBI	16	4.9	-	-	338	153.3	52 x 37 x 23	132 x 94 x 58	218.8	20.3	25.61	.73
5XBI	20	6.1	-	-	418	189.6	52 x 40 x 24	132 x 102 x 61	273.4	25.4	28.89	.82
6XBI	24	7.3	-	-	498	225.9	52 x 44 x 25	132 x 112 x 64	328	30.5	33.1	.94

Included Components:

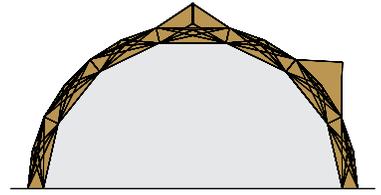
- complete shelter
- ground cover
- floor
- steel stake set
- repair kit
- vestibule curtains
- push poles
- transport bag

A custom-made T Boot is included for XBT Model Shelters to fit the client's vehicle or ISO Container.

M SERIES



DRASH® M Series Shelters provide an interior width of **18 feet** that can be lengthened to increase an operating area by removing the shelters' end sections and adding additional center sections. M Series Shelters have an interior height of **9.7 feet (3 meters)** and come in three basic models in varying lengths.



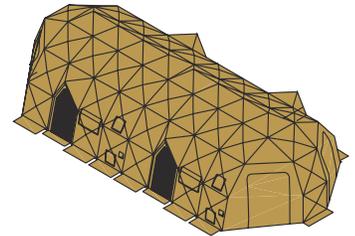
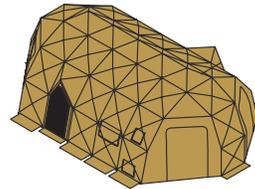
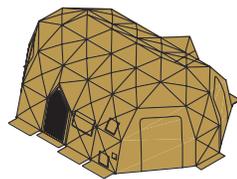
Included Components:

- center sections
- end caps
- windows
- doors
- flooring
- steel stake pin set
- repair kit
- push poles
- transport bag

All M Shelters can be easily set up within minutes of arriving at location using four to six people and can be taken down just as quickly. M Series Shelters do not require any assembly in the field, nor do they require any special equipment for either erecting or striking. Simply offload and position, lift and spread, push up, attach end caps and secure.

M Series Shelters pack down to less than 2 percent of deployed size for easy transport.

The 748 square foot M Model Shelter also includes a ground cover and plenum.



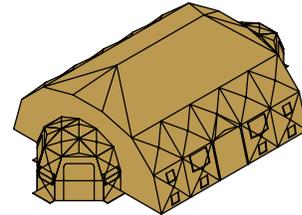
			MX	MX5	M
LENGTH	Exterior	ft. / m.	30.7 / 9.4	34.9 / 10.6	47.7 / 14.5
	Interior	ft. / m.	29.1 / 8.9	33.3 / 10.1	46 / 14
TOTAL WEIGHT	Entire Shelter	lbs. / kg.	625 / 284	724 / 328.4	1,115 / 505.97
	Center Section Only	lbs. / kg.	490 / 222.3	590 / 267.3	980 / 443.94
	Individual Endcap	lbs. / kg.	67 / 30.4	67 / 30.4	67 / 30.4
PACKED DIMENSIONS	Center Section Only	in. / cm.	56 x 44.5 x 31.5 / 142 x 113 x 80	56 x 44.5 x 33.5 / 142 x 113 x 85.1	56 x 44.5 x 31.5 / 142 x 113 x 80
	Individual Endcap	in. / cm.	51 x 23 x 23 / 130 x 58 x 58	51 x 23 x 23 / 130 x 58 x 58	51 x 23 x 23 / 130 x 58 x 58
USABLE AREA	Entire Shelter	sq. ft. / sq. m.	442 / 41	519 / 48.2	748 / 69.5
	Center Section Only	sq. ft. / sq. m.	306 / 28	383 / 36	612 / 57
	Individual Endcap	sq. ft. / sq. m.	68 / 6.3	68 / 6.3	68 / 6.3
PACKED VOLUME	Center Section Only	cu. ft. / cu. m.	45.4 / 1.3	48.3 / 1.4	45.4 / 1.3
	Individual Endcap	cu. ft. / cu. m.	13.6 / .4	13.6 / .4	13.6 / .4

J SERIES



J Shelter System

The interior of the DRASH® J Shelter System measures 51.4 feet long (15.7 meters) by 31.33 feet wide (9.5 meters) and provides a total of 1,250 square feet (116 square meters) of usable space. The interior height measures 13.75 feet (4.2 meters).



Included Components:

- Titanite® Frame with Dual Pre-Attached Covers and Fabric Flooring
- J Transport and Storage Trailer with 4.5kW Genset or hydraulic container to fit 463L pallet (4.5kW Genset for blower optional with hydraulic container)
- Bladder and Blower with Ducts
- Ladder and Sledge Hammer
- Two 1XBTJ Vestibule Entranceways with built-in Screen Doors
- Screen Windows and Vinyl Window Set
- Face Plate, T Boot and Plenum
- Lights and Electrical Wiring Set
- Ground Stakes and Low and High Wind Lines
- End Wall Support Kit
- Field Repair Kit

The Maintenance J Shelter includes two maintenance doors in lieu of 1XBTJ Vestibule Entranceways. Optional accessories available.

1XBTJ End Cap

*Below numbers reflect one end cap.
Two per shelter*

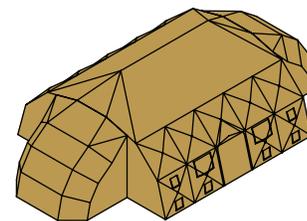
J Shelter

Total Weight	lb.	1600
	kg.	726
Packed Dimensions	in.	53 x 56 x 94
	cm.	135 x 142 x 239
Usable Area	sq. ft.	1,055
	sq. m.	98
Packed Volume	cu. ft.	300
	cu. m.	8.5

Total Weight	lb.	216
	kg.	97.8
Packed Dimensions	in.	52 x 33 x 22
	cm.	132 x 86 x 61
Usable Area	sq. ft.	97.7
	sq. m.	9
Packed Volume	cu. ft.	21.85
	cu. m.	.62

J Maintenance Shelter System

The interior of the J Maintenance Shelter System measures 58.9 feet long (17.9 meters) by 31.33 feet wide (9.5 meters) and provides a total of 1,323 square feet (122.9 square meters) of usable space. The interior height measures 13.75 feet (4.2 meters).



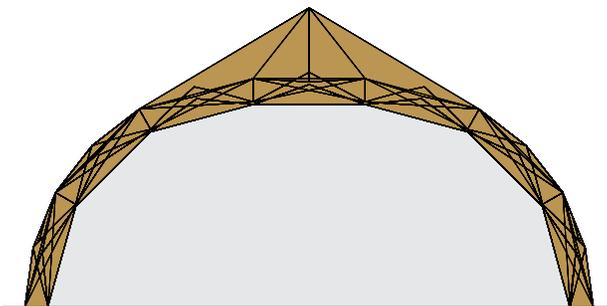
Maintenance Door

*Below numbers reflect one door.
Two per shelter*

J Shelter

Total Weight	lb.	1600
	kg.	726
Packed Dimensions	in.	53 x 56 x 94
	cm.	135 x 142 x 239
Usable Area	sq. ft.	1,055
	sq. m.	98
Packed Volume	cu. ft.	300
	cu. m.	8.5

Total Weight	lb.	587
	kg.	266.3
Usable Area	sq. ft.	184
	sq. m.	17.1



RESPONDER SERIES



Responder Series Shelters

DRASH® “Responder” Series Shelters provide emergency response personnel with a variety of rapidly-deployable, rugged, lightweight, man-portable and user-friendly soft-walled shelters that are ideal for use as decontamination, hygiene, modesty, triage and rehabilitation areas.

Deployed or taken down by only 2 - 4 personnel within a matter of minutes without the need for special tools or dealing with loose parts, “Responder” Series Shelters require no power or air to erect. The shelter is simply offloaded and positioned, lifted and spread, then pushed up and secured.

Each shelter comes standard with a transport-style duffel bag, repair kit, push poles, wind lines and a steel pin stake set.

Sizes and Dimensions:

DRASH “Responder” Series Shelters come in four basic sizes: **Small, Medium, Large** and **Extra Large**. “Responder” Series Shelters feature one of four standard widths ranging from 8.8’ to 16.5’ and vary in lengths from 5’ to 24’.

DRASH Shelter Model	Size	DIMENSIONS	
		Exterior	Interior
AD11SECB	Small	8.8'W x 5'L x 11'H	6.8'W x 5'L x 8.25'H
AD12XBECB	Medium	11.8'W x 8'L x 10.5'H	10'W x 8'L x 8.75'H
AD13XBECB	Medium	11.8'W x 12'L x 10.5'H	10'W x 12'L x 8.75'H
AD14XBECB	Medium	11.8'W x 16'L x 10.5'H	10'W x 16'L x 8.75'H
AD15XBECB	Medium	11.8'W x 20'L x 10.5'H	10'W x 20'L x 8.75'H
AD16XBECB	Medium	11.8'W x 24'L x 10.5'H	10'W x 24'L x 8.75'H
AD2SECB	Large	13.5'W x 10'L x 11'H	11.5'W x 10'L x 8.25'H
AD3SECB	Large	13.5'W x 15'L x 11'H	11.5'W x 15'L x 8.25'H
AD4SECB	Large	13.5'W x 20'L x 11'H	11.5'W x 20'L x 8.25'H
AD5SECB	Large	13.5'W x 25'L x 11'H	11.5'W x 25'L x 8.25'H
AD6SECB	Large	13.5'W x 30'L x 11'H	11.5'W x 30'L x 8.25'H
AD2XBECB	Large	13.5'W x 8'L x 10.5'H	14.5'W x 8'L x 8.75'H
AD3XBECB	Extra Large	16.5'W x 12'L x 10.5'H	14.5'W x 12'L x 8.75'H
AD4XBECB	Extra Large	16.5'W x 16'L x 10.5'H	14.5'W x 16'L x 8.75'H
AD5XBECB	Extra Large	16.5'W x 20'L x 10.5'H	14.5'W x 20'L x 8.75'H
AD6XBECB	Extra Large	16.5'W x 24'L x 10.5'H	14.5'W x 24'L x 8.75'H

LIGHTS / POWER / ENVIRONMENTAL CONTROL



DRASHLITE

2-Light Kit: H300000-2

4-Light Kit: H300000-4

The DRASHLITE is a rugged, rust-resistant, rain-tight strip light. The DRASHLITE is available in 2-light and 4-light kits. The 2-light kit includes two light fixtures, a cushioned storage bag and an electrical set. The 4-light kit includes four light fixtures, two cushioned storage bags and an electrical set.

Features Include:

- Rugged, rust-resistant, rain-tight strip light.
- Green, water proof, aluminum housing with molded plastic end caps.
- Aluminum reflector, slim electronic ballasts (2) and 55-watt twin "U" light bulbs (2).
- Three-position waterproof toggle switch to allow for single or double bulb operation.
- Includes a carrying handle, 43" power cord (coiled to prevent unwanted slack) and adjustable hanging strap.
- Available for 120V/60Hz, 220V/60Hz, and 220V/50Hz.

Specifications:

- Individual light fixtures measure 24" x 7.5" x 5.5" and weigh 9.8 lbs.
- A 2-light kit (with two fixtures and storage bag) measures 30" x 14" x 9" and weighs 22 lbs.



Power Distribution Unit

The DRASH® Power Distribution Unit (PDU) is a safe, weather proof, man-portable method to distribute power to branch circuits, utility extension cords and lighting fixtures in shelters, vehicles and vehicle configurations requiring electrical power.

Features Include:

- Lightweight: Most models weigh only 30 lbs./13.6 kg.
- Two-piece hot molded body is corrosion resistant and shockproof.
- Two-handled design allows for stacking of multiple units.
- Available in nine different versions, which include items compatible with multiple power sources.
- Power distribution cables with Mil-Spec connectors available in 50 and 100 ft lengths.

Body Construction:

- Hot, molded body with clear polycarbonate gasket lid.
- Dielectric rigidity is greater than 5kV.
- Includes external handles and hinges.
- Dimensions for most models are 14" x 12" x 8" including cover.

Electrical Characteristics:

- Branch circuit breaker protection for 20 amp, 220 V circuits available.
- GFI protection through individual circuits GFIC duplex receptacles output.
- Secondary 3 phase surge protection.
- Pilot light indicates if power is on or off.
- AC voltmeter and voltmeter selector switch for all three phases.



DRASH® D1000B Heater

1002814

The D-1000B Heater is rugged, lightweight, rust resistant, shockproof and easy to operate and maintain, providing nearly 112,000 BTUs/hr of dry, clean heat at a rate of 1,020 CFMs. The heater includes an electronic control system that monitors for high heat conditions and flame-out, and operates on an external input of 120 VAC, 60 Hz, single-phase power. It includes full safety protection devices, including a safety shut off switch that shuts off upon detecting 100 ppm's of Carbon Monoxide content. Its pre-heated fuel filter allows the heater to work continuously in temperatures as low as -40°F*, and it can run for 12 consecutive hours without refilling the fuel tank.

Dimensions: Unit: 53.2 L x 23.8 W x 32.3 H in, Ducts: 12" Diameter; 15' Long

Weight: Total dry weight without accessories: 167 lbs., Ducts: 27 lbs. each

Standard Color: Green

**Independently tested at the US Army Facility at Picatinny Arsenal, NJ. Note: Arctic Fuel Blend required for temperatures below fuel gel point.*



3.5-Ton Mobile ECU

1008946

The self-contained, portable DRASH 3.5-Ton Environmental Control Unit (ECU) offers air conditioning, area cooling and portable heating all in one easy-to-use package. Providing 42,000 BTU's of cooling and heating, the unit can be operated using a remote thermostat, complete with room air sensor. Optional fork pockets, a 10 kW heat strip and custom power cable/plug configurations are also available.

Dimensions: 35"W x 48"L x 45"H

Weight: 398 lbs.

Standard Color: Light Green



5-Ton Mobile ECU

1008080

This self-contained, portable DRASH 5-Ton Environmental Control Unit (ECU) offers air conditioning, area cooling and portable heating all in one easy-to-use package. Providing 60,000 BTU's of cooling and heating, the unit can be operated using using a remote thermostat, complete with room air sensor. Optional fork pockets, a 10 kW heat strip and custom power cable/plug configurations are also available.

Dimensions: 35"W x 60"L x 47"H

Weight: 580 lbs.

Standard Color: Green

TRAILERS

Mobility, Power, and Environmental Control for Your DRASH® Shelter

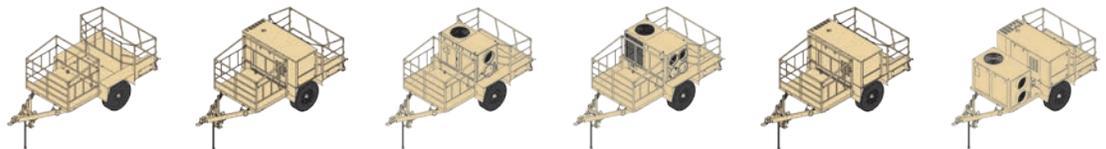
DRASH Utility Support Transport (UST) Trailers are integrated support systems designed to provide cargo capacity, environmental control, and/or electrical power to DRASH Shelters. Designed to operate on or off-road, DRASH UST Trailers make shelter transportation easy and efficient.

When setting up a mobile shelter system, you can customize your trailer and mobile hospital setup to fit your response team's needs.

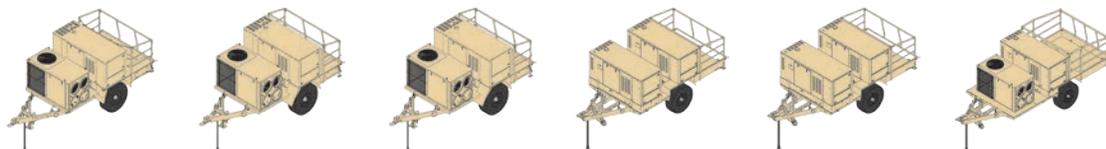
Select trailer models use Intelligent Power Technology® (IPT), featuring a digital smart system for increased efficiency. Some UST Trailer models include Genset outputs ranging from 5 kW to 33 kW and/or 5 ton, 8 ton or 12 ton environmental control units (ECUs).* Those models with ECUs include one or two supply ducts and one or two return air ducts per unit, which are designed to attach to any duct ports. Select models of DRASH UST Trailers also include a 5, 16, 20, 26 or 45 gallon fuel tank and the capability to take fuel from any external fuel source.

DRASH UST Trailers come in the standard models and configurations listed below. Other variations and configurations are available according to customer request.

*DRASH ECUs and gensets can also be purchased independently.



		HMCT	HP-2C/18	HP-2C/5E	HP-2C/8E	HP-2C/33	HP-2C/185	
FEATURES	Genset Output	kW	N/A	18	N/A	N/A	33	18
	Fuel Tank Capacity	Gal / l	N/A	16 / 60.6	5 / 18.9	5 / 18.9	26 / 98.4	16 / 60.6
	ECU Output	ton	N/A	N/A	5	8	N/A	5
DIMENSIONS	Cargo Volume	cu.f. / cu.m.	145 / 4.1	145 / 4.1	145 / 4.1	145 / 4.1	145 / 4.1	77 / 2.2
	Length	in. / m.	194 / 4.9	194 / 4.9	194 / 4.9	194 / 4.9	194 / 4.9	194 / 4.9
	Width	in. / m.	86 / 2.2	86 / 2.2	86 / 2.2	86 / 2.2	86 / 2.2	86 / 2.2
WEIGHTS	Height	in. / m.	78 / 2.0	78 / 2.0	81 / 2.1	81 / 2.1	78 / 2.0	78 / 2.0
	Tare	lbs. / kg.	1,568 / 711	2,862 / 1,298	2,173 / 986	2,382 / 1,081	3,362 / 1,525	3,340 / 1,515
	Gross	lbs. / kg.	4,200 / 1,905	4,200 / 1,905	4,200 / 1,905	4,200 / 1,905	4,200 / 1,905	4,200 / 1,905
	Tongue	lbs. / kg.	420 / 191	260 / 118	240 / 109	250 / 113	280 / 127	243 / 110



		HP-2C/188	HP-2C/288	HP-2C/338 IPT	HP-4G/18 IPT	HP-4G/33 IPT	HP-4/188	
FEATURES	Genset Output	kW	18	28	33	18 (x2)	33 (x2)	18
	Fuel Tank Capacity	Gal / l	16 / 60.6	20 / 75.7	26 / 98.4	16 / 60.6 (x2)	26 / 98.4 (x2)	16 / 60.6
	ECU Output	ton	8	8	8	N/A	N/A	8
	Cargo Volume	cu.f. / cu.m.	77 / 2.2	58 / 1.6	58 / 1.6	79 / 2.2	79 / 2.2	140 / 4.0
DIMENSIONS	Length	in. / m.	194 / 4.9	177 / 4.5	177 / 4.5	204 / 5.2	204 / 5.2	228 / 5.8
	Width	in. / m.	86 / 2.2	86 / 2.2	86 / 2.2	86 / 2.2	86 / 2.2	86 / 2.2
	Height	in. / m.	78 / 2.0	78 / 2.0	78 / 2.0	78 / 2.0	78 / 2.0	78 / 2.0
WEIGHTS	Tare	lbs. / kg.	3,549 / 1,610	3,895 / 1,767	Pending	4,719 / 2,141	Pending	Pending
	Gross	lbs. / kg.	4,200 / 1,905	4,200 / 1,905	4,200 / 1,905	6,500 / 2,948	6,500 / 2,948	6,500 / 2,948
	Tongue	lbs. / kg.	379 / 172	283 / 128	344 / 156	575 / 261	Pending	Pending



		HP-4/338	HP-4/3312	HP-6G/18 IPT	HP-8	HP-J4	
FEATURES	Genset Output	kW	33	33	18 (x2)	33	5
	Fuel Tank Capacity	Gal / l	26 / 98.4	26 / 98.4	16 / 60.6 (x2)	45 / 170.3	N/A
	ECU Output	ton	8	12	N/A	12	N/A
	Cargo Volume	cu.f. / cu.m.	140 / 4.0	140 / 4.0	145.5 / 4.1	319 / 9	270 / 7.7
DIMENSIONS	Length	in. / m.	228 / 5.8	228 / 5.8	253.5 / 6.4	312.5 / 7.9	209 / 5.3
	Width	in. / m.	86 / 2.2	86 / 2.2	96 / 2.4	96.8 / 2.5	91.5 / 2.3
	Height	in. / m.	78 / 2.0	78 / 2.0	87 / 2.2	91 / 2.3	80 / 2.0
WEIGHTS	Tare	lbs. / kg.	4,737 / 2,149	5,292 / 2,400	8,235 / 3,735	8,071 / 3,661	2,588 / 1,174
	Gross	lbs. / kg.	6,500 / 2,948	6,500 / 2,948	12,000 / 5,443	12,000 / 5,443	6,000 / 2,722
	Tongue	lbs. / kg.	302 / 137	792 / 359	565 / 256	1,080 / 490	758 / 344

ACCESSORIES



Electrical Systems

Include all light and wiring systems designed to fit a specific shelter or complex of shelters. Both U.S. (110VAC/60Hz) and European (220/50Hz) systems available.



Vinyl Windows

Used when ambient light is desired and heating or cooling is required.



Small Erect / Strike Bladder and Blower System

Assists emergency personnel with the set up and striking of larger DRASH models.



Trailer Spare Parts Deployment Packages

Contain all the components and tools necessary to carry out trailer field repairs or replacement of parts.



Shelter Spare Parts Kit

Contains all the components and tools necessary to carry out shelter field repairs or replacement of parts.



Curtains

DRASH Privacy Curtains, Divider Curtains, and Vestibule Curtains divide shelters into compartments.



Keeper Replacement Kits

Used when replacing interior or exterior DRASH shelter covers during routine maintenance procedures.



Connector Sets

Provide a weather and light-tight connection between two same or different series shelters.



Stake Sets

Used to secure shelters after set up.



Subfloor Cushion / Insulator

Insulation between the shelter ground cover and top floor.



Plenums

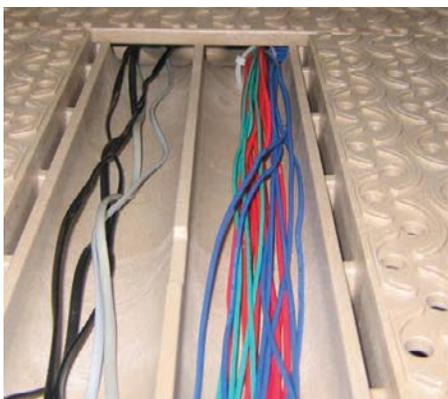
Evenly distribute cooled or heated air.

FLOORING

Constructed of rugged and durable weather-resistant High Density Polyethylene, BikeTrack™ flooring is available for all shelter systems, as well as for use as temporary roadways and walkways.

Features and Benefits:

- Individual sheets interconnect to form larger flooring sections
- Fast installation; no additional connectors, tools or special training necessary
- Offers lighter, smaller cubic displacement than plywood flooring
- Components are modular, durable, interchangeable within each product size; designed for repeated use
- Provides drainage; no puddles
- Minimal environmental impact
- Reduces tracked-in dirt and dust and helps keep out rodents and insects
- Follows general terrain contour
- Slight resiliency lessens fatigue
- Supports light vehicles; all types of wheels roll easily



BikeTrack™ Hardened Flooring Sheets w/ Integrated Cable Management (3'6" x 4' x 2"H)

Black (1000451); Sand (1000453)

Other features and benefits include:

- ICM allows cable and wire to be distributed throughout entire shelter area with multiple access points
- Each sheet has two (2) channels running lengthwise and one (1) across width for a total of 12 access points
- Channel covers snap into place and are interchangeable
- Tapered edges available
- Ideal as shelter flooring for Incident Command Posts and Emergency Operations Centers

Sheet Dimensions: 3'6" x 4' x 2"H

Flooring Area Per Loaded Pallet: 448 square feet

Sheet Weight: 40 lbs.



BikeTrack™ Hardened Flooring Sheets (3'6" x 4' x 1"H)

Black (RDA30840); Sand (RDA30825)

Other features and benefits include:

- 1-inch sheet specifically designed for use when lift/haul capability is limited
- Features a special pin mechanism that allows for an additional positive connection
- Ideal as shelter flooring for Incident Camps, Incident Command Posts, Casualty Collection Points and Medical Surge Facilities

Sheet Dimensions: 3'6" x 4' x 1"H

Flooring Area Per Loaded Pallet: 896 square feet

Sheet Weight: 27 lbs.



BikeTrack™ Hardened Flooring Sheets (3'6" x 4' x 2"H)

Black (1000452); Sand (1000454); Light Sand

Other features and benefits include:

- In-floor wire channels available
- Tapered edges available
- Ideal as shelter flooring for Incident Camps, Incident Command Posts, Casualty Collection Points and Medical Surge Facilities

Sheet Dimensions: 3'6" x 4' x 2"H

Flooring Area Per Loaded Pallet: 448 square feet

Sheet Weight: 40 lbs.



READY FOR ANYTHING

800.328.5563

info@ReevesEMS.com

www.ReevesEMS.com

R668SHEL-003