

DESIGN SHELTER INC.



Now Proudly Manufactured in Subic Bay Philippines

Design Shelter provides emergency management organizations and health authorities with a light weight and cost effective solution for any application.

Emergency Management Field Operations HQ



Modular Emergency Management Facility

- Portable Emergency Response Command Center for rapid response to natural or manmade disasters.
- Vertical interior walls to maximize utilization of working space.
- Easy to install locally purchased air conditioning units and electricity for lighting and equipment
- Configure your own command center according to your needs anywhere quickly and easily with interconnecting vestibules.

Portable Community Triage Facility



Photo courtesy of Capital Health Edmonton and Area

Emergency Auxiliary Health Facility

- Create your own basic health care facilities within hours of an emergency.
- Doors and windows can be located on any wall section of the shelter according to your needs and available space.
- Trained teams can set up a basic shelter in 30 minutes.
- Increase hospital bed capacity to accommodate a surge in patient care.
- Antimicrobial fabric allows for easy cleaning and disinfection of viral infections such as SARS, Cholera, H1N1, Ebola, etc.
- The aluminum frame, soft-walled structures can be rapidly set up in any location such as open fields, courtyards or parking lots.
- Ideal for rapid response in rural or remote areas to temporarily replace damaged infrastructure

Haiti Post Disaster Kindergarten



Field Applications

- Portable Emergency Response Command Centers
- Temporary School Rooms
- Basic Emergency Surgical Units
- Emergency Temperature Controlled Pharmacies
- Emergency Field Hospitals and Basic Health Clinics
- Controlled Environment Test Labs
- Isolation and Control for Infectious Disease Outbreaks

Design Shelter Advantages

Design Shelters are;

- High quality, lightweight, and modular soft walled portable shelter systems.
- Durable.
- Portable.
- Easy to set up/take down, no tools required.
- Fabricated with washable antimicrobial materials appropriate for medical use. Easy to disinfect and clean.
- Rapid deployment for emergencies.
- Superior thermal insulation available if required.
- Easy to install air conditioning and lighting.
- Multiple configurations possible by connecting different shelters together with hallways.
- Locations of doors and windows can be relocated anywhere on the shelter within 10 minutes.
- 20+ year lifespan.
- Can cost effectively ship anywhere from Subic Bay Philippines (air, sea or land).
- Training/demonstrations are available upon request.



Proudly Manufactured with Highest Quality International Standards

- Design Shelters are field proven worldwide utilizing aircraft grade 6063-T6 aluminum framework and vinyl coated polyester scrim cover set with UV protection, fire retardant, RF welded water proof seams and anti-microbial inhibitors for extraordinary long life (20+ year lifespan)
- Each shelter is 5.9 m wide by either 5.9, 10.7 or 14.9m long (MH20 at 26m², MLH1935 at 52m² or MLH1950 at 78m² in floor area) elongated octagonal by providing comfortable unencumbered floor space with vertical sidewall of 1.83 m tall clear height
- Structural mainframe shape is engineered to evenly distribute wind loads for superior integrity in demanding weather conditions.
- Design Shelters are completely waterproof allowing occupants to stay cool and dry inside.
- Superior thermal resistance maximizes cooling capacity and saves on energy costs.

Design Shelter Optional Product Features

Design Shelters have been independently verified as meeting or exceeding all specifications required for structural integrity, wind load, thermal performance and flame resistance.



Superior Thermal Insulation Layer

- Delivers superior performance in +50°C to -50°C ambient temperature range – naturally cooler in tropical environments. Minimum average thermal resistance of 1.5 K m²/W.
- Dramatically lowers patient dehydration.
- Anti-microbial vinyl allows for ease of cleaning and disinfection.
- Superior interior working and living environment.

Vestibule Style Anti-Rooms and Interconnecting Hallways

- Connect any two Design Shelters to each other at any location around the shelter perimeter.
- Multiple vestibules and hallways can be installed between adjacent shelters.
- Doorways can be installed at either end of the hallway to create private spaces.



Multiple Door Configurations

- Extra wide French style doors are provided that can be located at any convenient location on the shelter mainframe.
- Doors are designed to swing out from the hallway to maximize people transfer from shelter to shelter.
- Ergonomic threshold ramps are provided for ease of access.

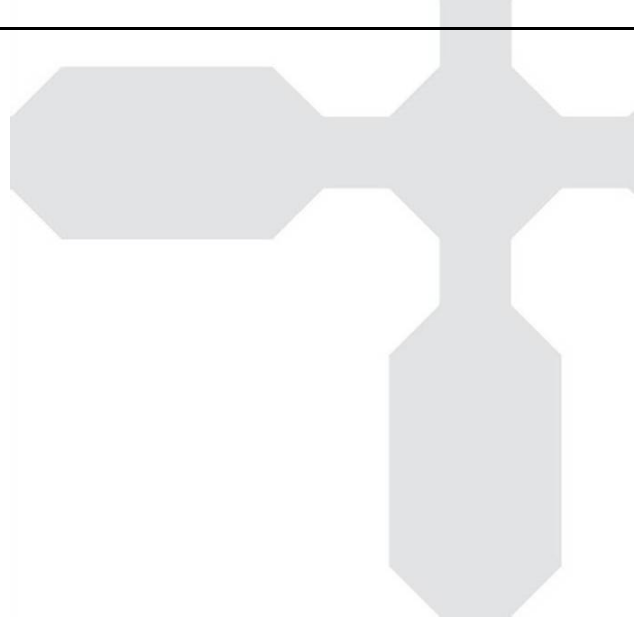
Multiple Company Approved Anchor Options

- Optional refillable water anchor bladders designed to anchor the shelter in high wind condition are available as well as several other anchoring options.



Standard Field Bags and Optional Hard Shell Aluminum Storage Cases

- All Design Shelter are supplied with colour coded ruggedized field bags for storage and transport. Any two people can pick and up move any field bag.
- Ergonomically designed aluminum storage cases are offered to provide kit protection and ease of use in the field for all field equipment. Cases are stackable and manufactured with powder coated aluminum.



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