

# DESIGN SHELTER INC.

## Military Expeditionary Field Camp Solutions

- Turn-key field Headquarters facilities and support systems for rapidly deployed military operations worldwide.
- Complete on-site service offerings include integrated logistics support, field deployments, project management and training

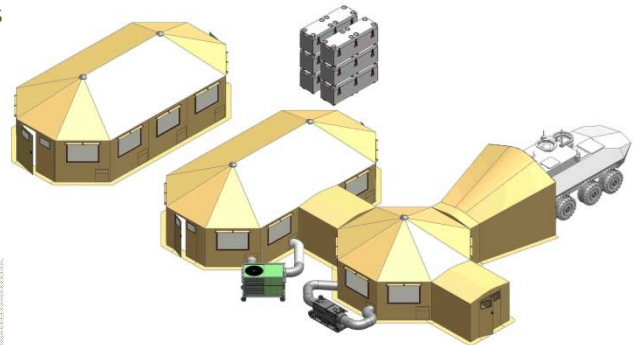


Field proven camp support systems and accessories maximize value

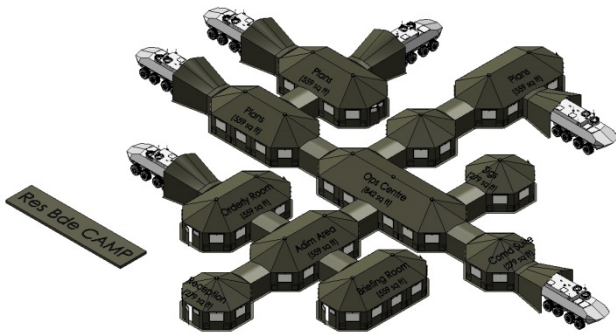


Lightweight and portable for cost effective transportation to and from site

- Built to last in the most demanding environments
- Easy to deploy, maintain and reuse time and again
- Ergonomically designed field support systems and camp accessory products
- Vertical 180 cm sidewalls to maximize floor space



Modeled after CF Brigade HQ Concept c/w LAV III Interface Kits



Unprecedented Comfort and Flexibility in an Expeditionary Kit

With over 20 years of experience designing and building turn-key mobile base camp environments, Design Shelter provides your mission with unprecedented comfort and convenience in the field.

Utilizing aircraft grade aluminum and weather tight, anti-microbial vinyl, we offer the lightest rigid frame solution to combat all extreme weather conditions and save you money when it comes to shipping and deployment. Design Shelters are offered in either Desert Sand or Olive Drab colours. A large in-house inventory guarantees quick deliveries when required.

- Specially designed to withstand extreme wind, snow and rain
- Fabricated from the highest quality lightweight materials





## Support Products and Accessories



Extreme heat and cold thermal insulation kits maximize field comfort



- A complete line of wash, shower, ablution and water distribution systems.
- Comprehensive water support kits are designed to facilitate any sized portable field mission. All camp water systems utilize garden hose thread fittings.
- Turn-key camp electrical systems from generation to distribution.
- High capacity on-demand diesel fired hot water heater
- Water heater contains on-board pumps for camp-wide distribution including 2 hot and 2 cold water spigots.
- High capacity 60 kW hour diesel fired on-demand hot air heater with air delivery plenum keeps crews warm in severe cold environments.
- Unit utilizes a remote thermostat control c/w CO monitor and alarm. Optional quick disconnect skid available.
- Both hot and cold climates are no match for Design Shelter environmental control heating, ventilating and air conditioning equipment.
- Specially designed for portability with an operating temperature range of -50° C to +50° C.
- Portable light weight bunk beds provide adequate comfort for soldiers and break down compactly for storage.
- Pre-packaged 1,000 L/hr water filtration and purification kits available utilizing optional reverse osmosis module.
- Shelter interconnect kits allow for entry/exit vestibules and internal passageways between adjacent shelters.



Wide-open unencumbered free-standing indoor spaces provided



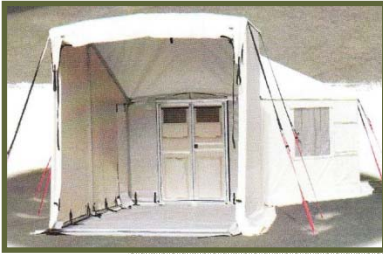
46" wide double width doors offer easy access

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## Military Spec Features



LAV III vehicle interface kit



Unique shelter anchor solutions include re-usable sand and water bladders



Olive Drab or Desert Sand



CFB Petawawa Special Operations.



Special military designed air heaters with remote thermostat and CO detector plus non-mercury tip-over sensor. Military quick disconnect skid kit is available.



Arctic Breeze 5 ton heat pump Environmental Control Unit.



Specially designed for the DART - light weight portable toilet kit with urinal and water free hand wash station. Kit includes pump able containment box.



Military pallet compatible light weight aluminum storage cases.

## Commitment to Quality Excellence and Customer Satisfaction

Design Shelter has been dedicated to producing unique products for field operations for more than 20 years. As a fully owned and operated Canadian Corporation, Design Shelter prides itself on partnerships with other like-minded Canadian companies and the vast majority of our outsourced solutions are Canadian designed, developed and manufactured. Design Shelter is dedicated to designing and developing solutions that best meet their needs of our military clients in the field.

Design Shelter prides itself on its manufacturing excellence and invites you to visit with us at our Mississauga factory anytime. Design Shelter employees are committed to customer satisfaction and would welcome your visit to our plant to see our products demonstrated or to witness the many benefits that a Design Shelter field camp can offer your mission.

Design Shelter never stands still and is continually investing back into research and development. We will be pleased to consider your own input on whatever it takes to make the Design Shelter Field Kit more applicable to your mission.



CFB Wainwright  
WES Training



**Design Shelter's Portable Isolation Containment System (PICS) offers troops protection from biological threats by offering either positive pressure containment or negative pressure isolation environments inside the portable shelter. Utilization of PICS-HVAC technology can provide operating theatre quality air for any mission and for any enclosed space. PICS-HVAC technology This system is equally able to support high-tech equipment maintenance crews in the field. Ask a Design Shelter rep how PICS can protect your soldiers in the field.**

- All weather ( $\pm 40^{\circ}\text{C}$ ) combination air filtration and purification system complete with remote thermostat controlled forced air heating and air conditioning.
- Stand-alone 10 patient facilities offered with multiple modular medical unit expansion options.
- Offers real-time microprocessor controlled negative or positive pressure atmosphere designed to exceed CDC guidelines for permanent health care facilities.
- Air filtration utilizes a pre-filter and a micro-fiberglass high efficiency particulate arresting (HEPA) filter at 99.97% at 0.3 microns. Unique HEPA directed germicidal ultraviolet light employed for maximum bug killing efficiency.
- Unique ante-room design allows for transition ways between outdoor ambient conditions and inside the PICS complex.
- Includes post event ozone gas decontamination cycle



PICS-HVAC with Microprocessor  
based Controller

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