

DAT[®]3030-FFR Firefighter Rehab System

FSI shelters help ensure compliance with the OSHA Heat Illness requirement as described at:
https://www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf

System Includes

DAT[®]3030 Approx. 10' W X 10' L X 9' H (3M X 3M X 2.7M), 100 sq. Ft. (9 M²), 130 lbs. (59 Kg). Carton size approx. = 130 X 108 X 68 cm (52" L X 32" W X 27" H). 2 windows – one on each side, 2 skylights, 4 (four) 17"/43 cm HVAC/clothes inlet/outlets with tie closures – 2 each on opposite ends/sides, 10 metal stakes and 4 tie down ropes. Air volume approx. 60 cu. Ft; approx. 70 mph wind resistance; approx. roof load 1,000 lbs. Includes inflator/deflator, repair kit, SCBA fill hose, and carry bag.

F-WCAC-M400 FSI Next generation 12 Volt (with 110 V to 12 V converter) combination air conditioner/evaporative portable chiller that removes heat and partial humidity from the air. Approx. 19" X 19" X 25" - 20 lbs. w/o water/ice. Equal to 8,000 BTU air conditioner with 3.5 amp draw on high/41 amps. Produces approx. 300 cu. ft/min. cfm at a velocity of 3,000 ft./min. at a normal speech level dBA of 59. Provides approx. 4/5 hours of effective cooling before refill required.



Firefighter Rehabilitation is designed to ensure the physical and mental well-being of crews operating at the scene of an emergency. The FSI Portable Pneumatic Shelter System for Firefighter Rehab helps protect from Heat Exhaustion/Heat Stroke, Dehydration, Fatigue, and Hypothermia in all weather.

Custom Systems and Optional Accessories Available:

- Rehab Cots
- Tables
- Chairs
- Cooling Mister Fans
- Portable Sinks
- Air Heaters/ Combo HVAC



Don't let the heat catch you unprepared

In accordance with **NFPA 1851** all FSI Showers are ideal for fire fighter wash down/decon immediately after exiting fire scene and prior to removal of any PPE.

FSI[®] DAT[®] SERIES PNEUMATIC SHELTER SYSTEMS GENERAL SPECIFICATIONS

Frame: Heavy Duty 1100 Dtex* polyester coated w. plastomer on both sides, UV/Chemical resistant, quadruple overlapped and glued.
 Air pressure internally once inflated = 4.3 psi (0.3 bar) USA Federal Standard FS # 191 5041/5102/5134/5970 Test method structural test results. Total Weight (g/m²) – 1055 Thickness (mm) – 0.90 Cut strip tensile strength (lbs. /in.) – Warp = 450 – Weft = 404 Elongation (%) – Warp = 30 – Weft = 47 Tongue tear (lbs.) – Warp = 87 – Weft = 100 Adhesion (lbs. /in.) – Warp = 9.4 – Weft = 8.9 Density = 30 X 24.5
Canopy: Heavy duty 100% nylon twill (3/5) w. PU white pigment inner coating, ABT. 0 23mm X 57/58. Wt. AB1.230GR/Sq. M - UV/chemical resistant/fire retardant – UV resistant and water repellent w. a hydrostatic resistance of 250 psi + - Mildew resistant to meet and exceed US Fed. Test MIL.STD.810E 508 - Fire resistance meets and exceeds CPAI 84 SECTION 5 1995, US Fed. Test FR.1610, meets NFPA701 Flammability Test method 1 (2004), NFPA 702 w. 'A' burn scale rating. All seams double stitched and coated both sides.
Floor: PVC of 0.58mm thickness (1,000 Dtex, 18 X 18 polyester) 660 grams per sq. mm 60" W.

FSI Shelters are available in many sizes, for multiple uses such as Command Posts, Triage, and Decon

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FSI MEDICAL COTS "FIELD BEDS" Flame Resistant Mattress Pad: Even though portable field cots have been designated as exempt from the new

** CPSC 16 CFR Part 1633 Flame Resistance FR requirements FSI has elected to supply FR fabric for maximum patient protection.

Thicker, Denser Mattress Pad: Added patient comfort for extended care.

Fluid Resistant Mattress Pad: Antimicrobial and moisture/ fluid resistant - Ideal for ease of cleaning and re-use.

Longer/Wider/Higher: With approx. dimensions of 15"/38 cm H X 28"/70 cm W X 81"/205 cm L this is truly a cot/bed designed to fit full sized patients with maximum comfort for extended stays.

Fine Mesh Cot Mat: Moisture resistant fabric allows water through the mat-- ideal for patient bathing/cleaning.

Stronger Thicker Grommets: Better 'seating' in the cloth mat fabric offers longer life expectancy with constant re-use.

Springs attached to frame with Circle Rings: Added strength and comfort to patient -- and no holes in frame allows for easier decon of cot after use

Grooves to hold head rest in down position: Multiple position cot allows for added patient comfort and surety of rest in a fully reclined position

Painted Steel Frame: Easier cleaning/decon after use.

1000 use tested.



Portable sink offering drinking water as well. 110V, 15 amp, 44" X 29" X 19", 60 lbs., water heater preset at 110 degrees F and holds 2.5 gallons, just add a 5 gallon water bottle and commence use almost anywhere.



FLUID RESISTANT FSI DISPOSABLE "TRANSPORTER" BACKBOARDS Adult size 20" x 72" Pediatric 20" x 48" stores flat. 4" high when deployed packed dim/.5 pack.



25 Watt fluorescent string able lighting W/O switch. 2,200 lumens, 20,000 hr. rated, polycarb. small dia. outer tube w. domed end caps/water tight clamps, 5' power cord on one end and 1' lead wire with outlet on the other end, 120 VAC ballast inline, all NEMA rated, vinyl reflector directs light where needed.

RECOMMENDED FOR ALL LARGER SHELTER SYSTEMS, SURGE SHELTERS, OR WHEREVER STRINGABLE ATTACHED LIGHTING IS DESIRED.

High Pressure Fogging MisterAC unit w. 360° of manual rotation; 1000 lbs. of high pressure fog cools via a HD 20 inch, 3-speed fan; 1000 psi Fog Cools Up To 30° with fine water mist and no wet feeling; full self contained; fan stores inside water case when not in use; up to 12 hours run time when 40 gallon water/ice tank full; 20" dia - 3 speed - 8,000 cfm + on high; powder coated fan blades; 4 .008 stainless filtered anti-drip nozzles and misting ring; gray color



Air Heating System for FSI SHELTERS. "CLIMAT 50A" 193,000 BTU, 110 V, w. thermostat diesel # 1 and # 2/kerosene/home heating oil fuel powered. W.14" X 25' Heavy Duty Ducting. NO fuel tank SUPPLIED - COMES WITH A FUEL WAND TO PLACE IN AN EXTERNAL FUEL CONTAINER AND HOSE SO FUEL CAN BE PLACED AT SAFE DISTANCE AS DESIRED. ** will operate on both 50 or 60 Hz with no performance degradation. CSA - UL - ULC approved in US and Canada CAN/CSA-B40.0-M87 - general requirements for oil burning equip. CSA B140.8-1967 Portable industrial oil-fired heaters UL-733 Oil fired air heaters and direct - fired heaters. 58,000 watts of heat/hr.; 2230 CFM; fuel consumption of 1.5 gal/hr.; weight approx. 330 lbs.; approx. 66" X 31" X 40"



GROUND TARPS