

**FSI**

# **F-SFSCS-1500 Medium Capacity Medical Surge Capacity System**



**FSI** **NORTH AMERICA**®  
SAFETY THROUGH TECHNOLOGY  
A Division of Fire Safety International  
[www.fsinorth.com](http://www.fsinorth.com)

**FSI 30 PERSON FIELD HOSPITAL PART # F-SFSCS-1500****MEDIUM CAPACITY  
MEDICAL SURGE CAPACITY SYSTEM  
PART # F-SFSCS-1500**

FSI proudly offers the following Medium Medical Facility Surge Capacity System. Whether it is a Pandemic Flu type outbreak, or any major emergency involving large scale numbers of casualties, the FSI Surge Capacity System has the capability of immediately being of assistance to overwhelmed healthcare facilities.

**IN SERVICE QUICKLY WITH MINIMAL TRAINING!**

This system **PART # F-SFSCS-1500** is capable of being fully in place/service within 45 minutes based on a pre-planned, coordinated set up site/task allocation schedule. No special tools required. HD Air inflator/deflator supplied with every system along with generator sized for the system. Only fuel, water supply, and dedicated space required for set up.



All offered FSI DAT® Series Shelters are also available as Isolation Shelter Systems complete with tent like ante-room structures at each end to connect units end to end.

**COMPACT AND PORTABLE**

All systems offered with or without appropriate sized Trailers. All FSI DAT® Series shelters are offered with carry bags for ease of storage and handling/set up.

**IDEAL IN EXTREME ENVIRONMENTS**

All FSI Medical Facility Surge Capacity Systems are supplied with appropriately sized air heating/cooling and water heating units. FSI systems are in place worldwide in extreme heat/cold/high wind conditions.

Standard colors are 'EMS' blue, 'army' green, and white.  
Other colors are available P.O.A.



**Qty: 1 DAT@9018 Shelter:**

**DAT@9018 Approx. 30' W X 50' L X 11' H (9.14 M X 15.25 M X 3.35 M) – Shelter only, 1500 sq. Ft., 999 lbs. (448 Kg)** Carton size approx. = 134 X 76 X 76 cm (53" L X 30" W X 30" H). 8 windows – four on each side, 4 skylights, 4 (four) 14"/35 cm HVAC/clothes inlet/outlets with tie closures, 28 stainless steel stakes and ground anchor points. Unit comes with a second air inflation valve/ air inflation hose w. safety cord/pressure relief valve. 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, Frame: Heavy duty 1100 dtex polyester coated w. plastomer on both sides, UV/chemical resistant. Cover: Heavy duty 420 denier nylon coated w. polyurethane (PVC) on both sides. UV/chemical resistant/fire retardant. Floor: PVC coated .52 mm polyester. Standard color is 'EMS' Blue exterior w. high visibility white inside color. Green and White exterior canopy color also available at no extra cost. Other colors optional with an extra charge.

All Shelters have full privacy zipper closure and full screen zipper closure slip in and out dirty entry/clean exit doors, air inflation valve, one air inflation hose w. safety cord, pressure relief valve, tie down ropes and 4 D-rings to tie off to, repair kit, manual, carry bag, 2 upper air vents, and a hammer. All canopy walls are velcro'd to the floor air berms for air lock, and reflective striping is found on the upper air vents above doors and on entry and exit integral shower stall air berms. Units can attach to a second shower or FSI shelter. Simply inflate the unit and commence use in approx. 1 - 4 minutes (size of shelter dependent).

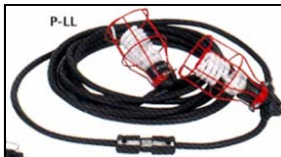
Every FSI DAT@ series shelter comes complete with electric inflator/deflator, and high pressure scba fitting.

All units supplied w. no charge redundant features allowing for - hanging undress/redress kits etc. on the inlet and outlet side.

All DAT@ series shelters available with cross and center divider curtains, side doors, extra windows, skylights, HVAC/clothing ducts with ties, etc

**Qty: 27 # F-CDC56 1/3 Cross Divider Curtains** heavy duty, non see through, light color, removable, slip thru.

**Qty: 2 # F-CD56 center divider curtain**



**Qty: 20 P-LL**  
2 string, 110V, 30 Watt  
fluorescent lighting



**Qty: 1 F-GGG04582**  
Guardian 30 HP, 22,500 watt, gasoline powered, HD Generator capable of powering complete field surge capacity systems, pneumatic wheels, 16 gallon tank, 9 receptacles, electric start, air cooled, 49" L X 31" W X 36" H, 432 lbs.



**Qty: 1 DAT@3030S 2 LINE NON-AMBULATORY DECON SHOWER MASS CASUALTY SYSTEM**

The DAT@3030S is a 2 (two) line system designed to handle 2 non-ambulatory personnel on stretchers with attendants working on either side of the victim inside the unit, or the DAT3030S can handle 1 non-ambulatory and two ambulatory, or 4 ambulatory personnel at any one time.

Frame: Heavy duty 1100 dtex polyester coated w. plastomer on both sides, UV/chemical resistant. Cover: Heavy duty 420 denier nylon coated w. polyurethane (PVC) on both sides. UV/chemical resistant/fire retardant. Floor: PVC coated .52 mm polyester.

Standard color is 'EMS' blue exterior w. high visibility white inside color. Green and white exterior canopy color also available at no extra cost. Other colors optional with an extra charge.

The DAT@3030S comes equipped as standard equipment with an integrally attached ground floor that will hold up to 200 gallons of water (with an 8"/20 cm berm approx.) before requiring pump out, 2 roll up windows – one on each side, 2 skylights, full closure slip in and out dirty entry/clean exit doors, 2 (two) 14"/35 cm HVAC/clothes inlet/outlets with tie closures, 1 (one) center divider curtain, 4 (four) 1/2 cross divider curtains, air inflation valve, one air inflation hose w. safety cord, pressure relief valve, 4 stainless steel stakes and ground anchor points, tie down ropes and 4 D-rings to tie off to, repair kit, manual, carry bag, 2 upper air vents, and a hammer. All canopy walls are velcro'd to the floor air berms for air lock, and reflective striping is found on the upper air vents above doors and on entry and exit integral shower stall air berms. Units can attach to a second shower or FSI shelter. Simply inflate the unit - plug into a water supply and commence decon in 1 – 2 minutes.

The DAT@ 3030S also comes complete with a with a qty. of 12 spray nozzle heads and qty. of 4 (four) 5'/1.5 M lengths of coiled 1/2"/13 mm hose with attached multiple function spray guns with shutoffs and quick disconnects offering spray patterns and flows meant to gently yet thoroughly drench and decon victims. Flows per shower head and per spray gun = approx. 1 gpm/4 lpm optimum and dependent on water volumes available. DAT@3030S Approx. 10' W X 10' L X 8' H (1.52 M X 3.05 M X 2.43 M), 100 sq. Ft., 95 lbs. (42.5 Kg)

As an option -- one can double the capacity if required.

Simply inflate the unit and plug into a water supply - unit is offered with 1 – 3/4" (18mm) high pressure 300 psi (20 bar) GHT threaded inlet hose – other fittings available as specified. Multiple optional accessories available inclusive of air and water heaters, air coolers, elevation grids, waste water pumps, etc. available. Visit [www.fsinorth.com](http://www.fsinorth.com). Comes complete with electric inflator/deflator, and high pressure scba fitting.

Unit supplied w. no charge redundant features allowing for - hanging undress/redress kits etc. on the inlet and outlet side and - doubling of showering capability in the future. DAT@3030S Approx. 100 sq. Ft., 95 lbs. (42.5 Kg) Technical data: Air pressure internally once inflated = 4.3 psi (0.3 bar), Carton size approx. = 120 X 60 X 40 cm (48" L X 23" W X 15" H), 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



**Qty: 1 F-WSP33AA**  
1/4 HP electric submersible WASTE PUMP, auto start, plastic case, thermal auto reset 30 gpm



**Qty: 2 F-Z100WH**  
Zodi # 5170 Pro-100 Water Heating System, portable wheeled, 100,000 + BTU propane powered unit, 65 lbs w. cart. 14" L X 13" W X 40" H, approx. Approx. 5.0 gpm/300 gallons per hour of heated water



**Qty: 3 F-HST**  
Air Heating System for FSI SHELTERS. "CLIMAT 40A" 136,000 BTU, 110 V, diesel # 1 and # 2/ kerosene/home heating oil fuel powered. With 12" X 25' Heavy Duty Ducting. With built in 10 gallon fuel tank



**Qty: 2 F-EM-396**  
Lightweight Portable Toilet System PETT™, portable toilet, 15 waste bag kit, 1 Privacy tent supplied inside the backpack, extra outside pocket, black in color, 6' 6" H X 4' X 4', 19 lbs.



**Qty: 2 F-PFAD-SS339 PORTABLE SINK SYSTEM**  
FSI PortaFlo portable sink system, hot and cold running water, 5 gallon fresh water tank/6 gallon waste water tank, highly durable, stainless sinks, approx. 85 lbs., 17.5" W X 26" L X 39" H; 4 caster wheels with safety locks



**Qty: 6 F-GH25**  
3/4" Soft Sided Hose X 25' per length coupled 3/4" GHT Couplings, 300 psi layflat hose



**Qty: 1 # F-SS-SLED**  
Move even the heaviest FSI Shelter/Shower system on an aluminum framed/wheeled 10 lb. HD sled 24" W X 32" L X 10" H

**Qty: 1 F-EM-36**  
Rapid Response Kit (4 tarps, 6 incident vests various, 50 triage tags, forms, user guide, other)

**Qty: 9 F-EM-33C**  
Disposable BLUE Triage Blankets -- -- sold by the case of 50 only

**Qty: 10 F-EM-88**  
10 BOXES OF 100/BOX Nitrile Ambidextrous Disposable Gloves - Powder Free 1000 GLOVES TOTAL spec. M/L/XL



**OPTIONAL 20 FT CARGO TRAILER**

This medium capacity system would require an optional 20 foot trailer with ramp to fully carry and cargo all items. If required simply ask FSI for a quotation, the price of which is option dependent.

AVAILABLE IN MULTIPLE SIZES AND CONFIGURATIONS ON A P.O.A. BASIS. MULTIPLE OTHER OPTIONS AVAILABLE



**Qty: 8 F-TDMSPC**  
Haz mat Decon Elevation Grid, 3' X 2' X 2 7/8" H

**Qty: 30 F-EM-262**  
Hospital bed system with cot, mattress pad, IV pole



**Qty: 2 F-CP 36**  
Portable HD Air Conditioning unit, 36,000 Btu output as third party certified by Intertek Test Labs- an independent outside testing facility similar to UL. This is a wheeled unit, and comes complete with all required inlet and exhaust ducting. \* Low temperature operation ideal for cooling \* Protected with an AFCI plug for added safety against the unwanted effects of electrical arcing  
\* Offers an optional "Plug and Play" condensate pump that can be installed in just minutes \* Operates automatically with easy-to-use programmable controls \* Totally self-contained, portable design – Just roll it in. Plug it in. Turn it on.



**Qty: 1 F-HD600BT**  
Heavy Duty 300 Gallon Bladder Tank to spec. of HD 30 Mil XR-5 materials, approx. 6' X 7'



**Qty: 1 Fresh water holding tank/Decon Pool**  
# BP1280 pneumatic 12' diameter X 12" H as above, approx. 550 + gallons



**Qty: 9 F-EM-185**  
Disposable Towels: 1 Case of approx. 500



**Qty: 50 F-RDK**  
PER KIT Patient Redress Kit post decon - 3 sani dex wipes, 3 disposable towels, privacy gown, 1 pr. disposable booties, ID Bracelet in a zip lock bag 50 KIT MINIMUM ORDER

**Qty: 2 F-EM-397**  
100 pack of waste bag kits, zip closure double bag, non toxic gelling, odor removing powder bags are biodegradable, each waste bag comes w. toilet paper and a wipe - for PETT™ system