

## DAT<sup>®</sup>4070S Four Line Mass Casualty Decon Shower System

The FSI<sup>®</sup> model DAT<sup>®</sup>4070S is a four-line (43.5" / 1.1 M X 4 Lines W), 3 or 4-station mass casualty decon shower system which handles four parallel lines of casualties at the same time in three or four sequential stations --- (1) undress, (2) detergent shower # 1 - (3) rinse shower # 2 OR handle 2 personnel in separate showers simultaneously in each lane, (4) redress. This unit deploys in under three minutes, processes four non-ambulatory patients on stretchers or up to 8 ambulatory personnel at a time and/or any combination of the above.



Undress and redress stations are dry (plumbing is possible and optional); shower stations may include 3 showerheads and one hanging coiled ½"/13 mm hose line with attached multiple function spray nozzle which thoroughly drenches and decontaminates via a fine water mist. There are a total of 12 multiple function spray nozzle guns and 4 sections of 3 shower heads for a total of 24 shower heads as standard.

As an option -- by configuring the changing areas on both ends as decon showers one can double the capacity as detailed above. The unit is configured with a 4.5'/1.37 M undress privacy area on entrance, a 14'/4.25 M long decon shower area divided into 2 separate shower stalls in each line, and a 4.5'/1.37 M redress privacy area prior to exiting. Shutoffs and quick disconnects supplied with every group of shower heads and Trigger Gun. As an option -- by configuring the changing areas on both ends as decon showers one can double the capacity as detailed above.

The DAT4070S offers a top center air berm running the entire length of the unit at the roof line and

secondary full center length air berms running on either side of the main center berm approx. 18 - 24" off center. FSI offers a total of five 8" - 12" diameter lateral roof support air berms - size of shelter dependent. FSI shelters lead the industry in terms of weight/snow bearing capabilities/strength. Whatever the specification at hand FSI meets and exceeds herein.

All units come equipped as standard equipment with an integral ground floor, 4 roll up windows (2 per side), 2 skylights, roll-up, full zip, dirty entry/clean exit doors, eight 19"/48 cm dia air duct inlets/outlets w. tie closures - 2 each in each of the 4 corners, 1 small electrical duct, 2 high pressure and 2 low pressure inflation deflation valves, one air inflation hose w. safety cord, 1 pressure relief valve, 12 metal stakes, hammer and ground anchor points, four tie down ropes, repair kit, manual, shelter sleeve, 2 upper air vents. Unit supplied w. no charge redundant features allowing for - hanging undress/redress kits etc. on the inlet and outlet side. Units can attach to a second shelter/shower system.

Wt. approx. 475 pounds/154 Kg. Inflated size is 14.5' wide X 23' long X 9' high. (4.4 X 7 X 2.74M) 330 sq. ft. (30.7 M<sup>2</sup>)  
Carton size approx. = 136 X 108 X 91 cm (54" L X 43" W X 36" H)

Includes separate "dirty" entry and "clean" full sized exit doors, three (3) center divider curtains to separate all four lines, Twelve (12) ¼ cross divider curtains, two windows on each side, 2 skylights, 2 - 3/4" (19mm) GHT threaded inlet hose - other fittings available as specified, reflective air vents at each end, reflective striping on each end to delineate built in decon pool. All canopy walls are velcro'd to the floor air berms for air lock.



P-EIDHD inflator/deflator  
- Included with this unit.

All FSI<sup>®</sup> decon showers are ANSI # 113 compliant

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.

\*\*\* All FSI Showers utilize Potable Water approved Hose systems. These hoses are manufactured with Texin 985U (formerly DP7-1077) or Texin 1209 which are approved by NSF. This polyurethane is approved for "Potable Water" use by NSF International (NSF Standard 61 - Drinking Water System Components - Health Effects).

**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](https://www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf)



# FSI RECOMMENDED SHOWER ACCESSORIES FOR THE DAT4070S



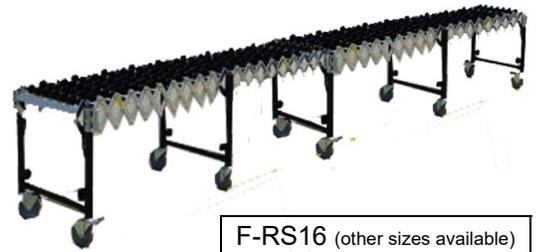
**F-GS4** (other sizes available)

FSI Ground Tarp. 14' X 24' ground tarp of 13 oz. HD vinyl, multiple colors, weighs approx. 30 lbs.



**F - TDMSPC** (other sizes available)

Haz mat Decon Elevation Grid, 3' X 2' X 2 7/8" H



**F-RS16** (other sizes available)

Conveyor roller system priced per section. 18" W, Height is adjustable from 28" - 44", Length is adjustable from 4'3" - 16'9", 5 leg sets per unit, 7 wheels per axle, capacity per lineal foot is 226 pound; can support approx. 1,300 pounds on a backboard; w. retractable backboard end stops. Shipped dimensions are 33"H x 48"W x 40"L, Wt. 250 LBS.



**FSI Heat 200A**

FSI Heat 200A Multi-Fuel Water Heater is a wheeled cart like unit - 440,000 btu, 14 gpm/56 LPM total flow rate, multi fuel capable (diesel # 1, 2, JP4, JP8, home heat oil, kerosene), portable water heater. It includes a Hot/Cold water mix valve with built in anti-scald mechanism, 3 - GHT water outlet with shutoff valves, in-line analog temperature gauge, and a 5 gallon/20 L container for fuel. Max temperature: 210° F/99° C; Power requirement: 115V/1 Ph/60 Hz, 15 amps (also available in 220V models); Water Input connection: Single 1/2"/13 mm GHT; Water output connection; Weight: 330LBS/150 Kg.; Fuel: Diesel# 1 or 2, JP4, JP8, Home Heating Oil, Kerosene. Major components - Burner and Controls UL listed to comply with ANSI/UL296 and certified to the CAN/CSA B140.0. Accepted by N.Y.C. M.E.A. Options: Booster pump also offered P.O.A. 10ft fuel line extension to allow connection to an external fuel source - priced P.O.A. Approx. 51" H x 30" W x 39" D



**FSI Heat 201**

Dema Style Detergent Inducer w. filter for use with FSI Heat 200/200A or other water heaters .2 - 2% induction %



**F-1225-0500-STL**

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.



**F-HSP**

4 gallon poly tank, decontamination hand sprayer with 48" hose and 18" wand w. brass adjustable cone nozzle -- 40-90 psi operating pressure



**F-GH** (other sizes available)

FSI LayFlat Hose - 3/4" Soft sided Garden Hose X 50' per length 300 psi LayFlat hose, coupled 3/4" GHT

**F-GH503510**

FSI LayFlat Hose - 3/4" Soft Sided Hose X one L of 50', one L of 35' and one L of 10' per length coupled 3/4" GHT Couplings, 300 psi LayFlat hose - ideal for larger multi line shower systems such as DAT3535S/3060S/4070S/4099S



**F-MMU156** (other sizes available)

Multi Manifold brass, with 1.5" female swivel NH inlet X (6) 3/4" GHT male outlets w/ shutoffs.. fabricated of sch. 40 2 1/2" pipe, w/ ends of .19" 5062 alum..ball valves of brass



**F-MX1** (other colors available)

The F-MX1 is highly resistant to blood borne pathogen absorption w. void free construction, 600 lb. capacity, ideal for mass casualty situations, created with patient comfort and first responder ease of use in mind. From the 1/4" raise at the head to maintain the cervical spinal canal to the central concavity, these boards improve immobilization from top to bottom. Pediatric friendly, X-Ray translucent and contain glove-friendly, ergonomically designed raised handles. Each Spine Board/Transfer Board weighs 16 lbs., and measures 72" x 16" x 1 3/4" and comes with pins for fast and easy strapping applications. The F-MX1 is ideal for use on conveyor systems to roll patients with ease. Offered in FSI Blue color as standard; orange/yellow/green/red/lime also at N/C if so ordered; priced per board.



**F-WSP33AA**

1/4 HP electric submersible WASTE PUMP, auto start, plastic case, thermal auto reset 30 gpm



**F-HD600BT** (other sizes available)

Heavy Duty 600 Gallon Bladder Tank of HD 30 Mil XR-5 materials, approx. 10.5' x 7' W. 3/4" GHT fill valve and drain fitting adapter with 1-1/2-inch Iron Pipe Threads - Packaged dimensions & weights = 32" x 18" x 12" & 37LBS

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