

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.



***ANSI #113 COMPLIANT**

***AMONGST THE WORLD'S LARGEST OFFERING OF SHOWER SIZES AND MODELS.**

***SERVING THE LIFE SAFETY MARKETS WORLDWIDE SINCE 1997**



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

SPECIFY "FSI Blue®"

ALL FSI® DAT® Series Decon Showers are ANSI #



DAT®1010S - GRAINGER #

4LUT2 Approx. 3.5' W x 3.5' L x 8' H (1062 mm X 1062 mm X 2429 mm), one person economy sized portable hazmat decon shower unit complete, weighs approx. 65 lbs. (29 kg) and comes with 7 spray nozzle heads and a single multi-function trigger gun. 12.25 sq. ft. (1.13m²)



DAT®2020S - GRAINGER #

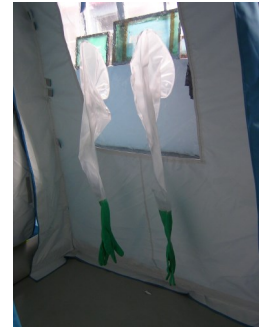
4LUT3 Approx. 7' W x 7' L x 8' H (2125 mm X 2125 mm X 2429 mm), 50 sq. ft. (4.7m²). 90 lbs. (40 kg). Full size, one person first responder portable hazmat decon shower system complete. Comes with 7 spray nozzles, and 1 single multi-function trigger gun.



DAT2020S-EX6P -* Fully integrated add-on 7 ft. X 7 ft. X 8" H Decon pool built into the front entry area of the DAT2020S - for decon of boots/first responders, etc.



DATWGG - * Large window. Gauntlets, and HD chemical resistant gloves for decon of patients/first responders from the outside of FSI®DAT® Series decon showers by an attendant/doctor/nurse/other.



DAT® 2626S - * A single lane 7' W x 13' L x 8' H (2.13 M x 3.95 M x 2.43 M). Non-Ambulatory Decon Shower System meant to handle a single stretcher borne victim with attendants working on either side. Includes 4 multiple function trigger guns. Approx. 90 sq. ft. (8.5m²), 180 lbs.



Integrated Decon Pools

FSI Decon Showers are one piece, fully integrated systems. Simply inflate, and connect the water inlet source and commence decontamination. The decon pools are integral to the unit and are permanently attached. When the unit inflates so too do the air berm decon pools - no need to store extra items and roll out pools once the shelter is inflated. Simply place a F-WSP33AA waste pump inside in one corner to remove waste water.



- ◆ Heavy duty construction
- ◆ Rapid deployment
- ◆ Multiple models and sizes
- ◆ Incredible stability even in high wind conditions up to 70 mph (115 kph) plus when properly tied down/ staked off.



DAT®3030S - GRAINGER #
4LUT5 Approx. 10' W x 10' L x 9' H, 100 sq. Ft., 139 lbs. 2 Line Mass Casualty Decon Shower System that can handle two non-ambulatory stretchers or 4 ambulatory personnel or combinations of the above.

FSI® reserves the right to change the design or parts off/in products from time to time without notice and with no obligation to maintain a spare parts inventory or to make matching changes in products previously manufactured.

DAT®2525S - GRAINGER # 4LUT4
Approx. 7' W x 13' L x 8' H (2125 mm X 3947 mm X 2429 mm), single line mass casualty decon shower system with 6 spray nozzles and 1 trigger gun in middle shower area. 4'/1.2M redress. 90 sq. ft. (8.5m²). 180 lbs. (82 kg).



* Items available through Grainger Sourcing only.

SPECIFY **"FSI Blue®"**

NSN #: 4230-01-567-5564



DAT@3535S - Grainger # 4LUT6

2-line, 3 and 4 stage mass casualty decon shower system. approx. 10'W X 15' L X 9'H (3036 mm X 4554 mm X 2732 mm). 150 sq. ft. (13.9m²) 230 lbs. (104 kg), undress/detergent shower/rinse shower/redress configuration. Decon 2 to 4 ambulatory personnel, 2 non-ambulatory or any combination at one time. Each line offers a 4' (1214 mm) undress, 7' (2125 mm) detergent/rinse shower area. 4' (1214 mm) redress section.



DAT@4070S - Grainger # 38F309

4 line, 3 or 4 stage mass casualty decon shower system, decon 4 non-ambulatory, 4 to 8 ambulatory personnel or any combination, approx. 14.5'W X 23'L X 9'H (4402mm X 6983mm X 2732mm). 340lbs. (1514kg.). (1214mm) undress/detergent shower/rinse shower/redress configuration. 4'L (1214mm) undress area/15'L (4554mm) shower area/4'L (1214mm) redress area approx. Approx. 333 sq. ft. (31m²)

GENERAL SHOWER FABRIC/COMPONENT SPECIFICATIONS

Frame / All Shower Pools: Heavy Duty 1100 Dtex* polyester coated w. plastomer on both sides, UV/Chemical resistant, quadruple overlapped and glued.
Technical Data: Air pressure internally once inflated = 4.3 psi (0.3 bar) USA Federal Standard FS # 191 5041/5102/5134/5970 and DIN EN ISO 2060/1409-2/2286-1 AND DIN 53354/53363/53357/53361 Test method structural test results.* Total Weight (g/m²) – 1055 Thickness (mm) – 0.90 Cut strip tensile strength (lbs. /in.) – Warp = 440 - Weft = 380 Elongation (%) – Warp = 27 - Weft = 30 Tongue tear (lbs.) – Warp = 30 – Weft = 35 Adhesion (lbs. /in.) – Warp = 21 – Weft = 21 Density = 28 X 26. Meets NFPA 701 and DIN4102-B1, M-2. *Production lot runs can result in variances and all results are approx.
Canopy: Heavy duty 100% nylon twill (3/5) of approx. 145 gr/M2 (155 gr/sq. yd) with a PU white pigment inner coating of approx. 100 gr/M2 (106 gr/sq. yd). Approx. 0.23mm X 57/58. Total wt. approx. 245 gr/M2 + or - 5 % (approx. 205 gr/sq. yd) - UV/chemical resistant/fire retardant – Rated Ultra Violet Protection (UPF) of 50+ where ASTM D6603 states a UPF of 40+ is rated Excellent; and water repellent w. a hydrostatic resistance of 250 psi + - Anti fungus/Mildew resistant to meet and exceed US Fed. Test MIL.STD.810E 508 and ASTM G 21-96 (2002); Water Resistance (ISO 811 (E) 1981, hydrostatic pressure test at water pressure 600 m/ min. = 5540; Tensile Strength (ISO 13934-2: 1999 C.R.E. Method in N) - warp = 1300 - weft = 1500; Tear Strength (ISO 13937-1:2000, Pendulum method) - Warp = 25 Weft = 43; Burst Strength (ASTM D 3787:2001, C.R.E. Ball bursting method N) = 1620; Seam Strength (ISO 13935-2: 1998, Grab method N) Sewing threads fail at 710; Fire resistance meets and exceeds CPAI 84 SECTION 5 1995, US Fed. Test CFR.1610, meets NFPA701 Flammability Test method 1 (2004), NFPA 702 w. 'A' burn scale rating, Japan JIS A 1322: 1966, Method A. All seams double stitched and coated both sides.
Inner Canopy: If applicable - of 100% NYLON 210T ANTRON W/R, POLYURETHANE COATED 57/58", Color: White - Flame Retardant to meet 'NFPA-701 TM-1', Anti-fungus/Anti-mildew, opaque
Floor: 1,000 dtex 0.70mm Nylon coated w. PU, tensile strength: 2545N/2360↑, Tear Strength: 106/102N↑, weight: 660 grams per sq. mm↑, 60" W. Meets NFPA 701 and Din 4102 –B 1, M.2

Heavy Duty Air Berms
FSI utilizes extremely heavy duty air berm construction in all DAT® series portable hazmat decon shower systems. FSI uses the identical 1100Dtex, quadruple overlapped and glued berms in our wide range of transom rescue boats - known for the extreme conditions they are subjected to. In this application, FSI is confident that with proper care and maintenance, your DAT® unit will last the test of time and be there when disaster strikes.



UV/Chemical Resistant and Fire Retardant
FSI DAT® series decon showers/shelters employ UV/chemical resistant and fire retardant canopies in recognition of the hazardous environs in which they may be utilized.

Extremely Rapid Deployment
FSI Systems are - compact, fully integrated, supplied complete in the provided sleeve/bag, and inflate virtually unaided - with the use of compressed air, or via supplied electric inflator/ deflator with locking connector within minutes (size of unit and method of inflation dependent). The units are meant to be deployed simply and quickly - with modest training and few personnel.



DAT@3060S - Grainger # 4LUT7

3 line, 3 or 4 stage mass casualty decon shower system can decon 3 to 6 ambulatory, 3 non-ambulatory, or any combination. Undress/detergent shower/rinse shower/redress configuration. 4' L (1214 mm) undress/12' L 93658 mm) shower area/4' L (1214 mm) redress. Approx. 13'W X 20'L X 9'H (3947 mm X 6072mm X 2732 mm), 260 sq. ft. (24.2 m²), 185 lbs. (84 kg).



DAT@4099S - Grainger # 52TC09

5 line, 3 or 4 stage mass casualty decon shower system, decon 5 non-ambulatory, and /or up to 10 ambulatory personnel or any combination, with staging areas for 20 ambulatory personnel, approx. 15'W X 23.5'L X 9'H (4554mm X 7135mm X 2735mm), 350lbs. (159kg), 4'L (1214mm) undress area/ 15.5'L (4817mm) shower area/4'L (1214mm) redress area.



* Items available through Grainger Sourcing only.

ACCESSORIES INCLUDED WITH EACH '-SYS' SHOWER SYSTEM

CHOOSE THE DECON SHOWER YOU REQUIRE AND THEN SEE BELOW FOR ALL THE ACCESSORIES OFFERED IN THE '-SYS' SYSTEM

	PART NUMBER	DESCRIPTION	DAT 4099S-SYS Grainger # 52TC10	DAT 4070S-SYS Grainger # 46MN67	DAT 3060S-SYS Grainger # 46MN66	DAT 3535S-SYS Grainger # 46MN65	DAT 3030S-SYS Grainger # 46MN64	DAT 2525S-SYS Grainger # 46MN63	DAT 2020S-SYS Grainger # 46MN62	DAT 1010S-SYS Grainger # 46MN61
	FSI HEAT 200A GRAINGER # 4LUU6	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.	2	1	1	1	1	0	0	0
	F-ECC150WH GRAINGER # 4LUU9	# 5170 Pro-100 Water Heating System, portable wheeled, 105,000 + BTU propane powered unit, 65 lbs./30 Kg w. cart. 14" L X 13" W X 40" H/35 X 33 X 101 cm, approx. Approx. 5.0 gpm/300 gallons per hour (20 lpm/1,200 lph) of heated water.	0	0	0	0	0	1	1	1
	FSI HEAT 201 GRAINGER # 4LUU5	Dema Style Detergent Inducer w. filter for use with FSI Heat 200/200A or other water heaters .2 - 2% induction %	2	1	1	1	1	1	1	1
	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	1	1	1	1	1	1	1	1
	F-GH GRAINGER # 4LUV4 F-GH503510 Grainger # 52TC03	FSI LayFlat Hose - 3/4" Soft sided Garden Hose X 50' per length 300 psi LayFlat hose, coupled 3/4" GHT	3	2	2	2	2	1	0	0
	F-RS GRAINGER # 4LUU7	Conveyor roller system Adjustable from 2' - 9'	0	0	0	1	1	1	0	0
	F-RS12 Grainger # 38F333	Conveyor roller system Adjustable from 3' - 12'	0	0	1	0	0	0	0	0
	F-RS16 Grainger # 38F334	Conveyor roller system Adjustable from 4'3" - 16'9"	2	2	0	0	0	0	0	0
	F-MX1 *	Spine Board/Transfer Board weighs 16 lbs., and measures 72" x 16" x 1 3/4 "	2	2	1	1	1	1	0	0
	F-WSP33AA GRAINGER # 4LUV3	1/4 HP electric submersible WASTE PUMP, auto start, plastic case, thermal auto reset 30 gpm	1	1	1	1	1	1	1	1
	F-TDMSPC GRAINGER # 4LUU8	Haz mat Decon Elevation Grid, 3' X 2' X 2 7/8" H	30	24	20	9	8	4	4	1
	F-MMU156 GRAINGER # 38F336	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	1	1	1	1	1	0	0	0
	F-HD150BT GRAINGER # 4LUV1	Heavy Duty 150 Gallon Bladder Tank	0	0	0	0	0	0	1	1
	F-HD300BT GRAINGER # 4LUV1	Heavy Duty 300 Gallon Bladder Tank	1	0	0	1	1	1	0	0
	F-HD600BT GRAINGER # 4LUV2	Heavy Duty 600 Gallon Bladder Tank	1	1	1	0	0	0	0	0
	F-GS1 *	Ground Tarp 10' X 10'	0	0	0	0	1	0	1	1
	F-GS3 *	Ground Tarp 12' X 20'	0	0	0	1	0	1	0	0
	F-GS4 *	Ground Tarp 14' X 24'	1	1	1	0	0	0	0	0
	F-1225-0500-STL*	25 Watt fluorescent stringable lighting W/O switch.	5	4	3	2	2	1	1	1
	F-SFLL-1M**	FSI Foldable LED Lighting. 1 Meter strip.	0	0	0	2	2	1	1	1
	F-SFLL-5M**	FSI Foldable LED Lighting. 5 Meter strip.	2	2	1	0	0	0	0	0
	F-SFLLPS-12V**	FSI Foldable LED Lighting Power Supply.	2	2	1	2	2	1	1	1



*EACH DAT ___-SYS SYSTEM INCLUDES LIGHTING IN THE QUANTITIES AS ABOVE.
**EACH DAT ___-SYS-LED SYSTEM INCLUDES LIGHTING/POWER SUPPLY IN THE QUANTITIES AS ABOVE. AVAILABLE THROUGH

OTHER SYSTEMS AVAILABLE AND PRICED P.O.A. * ITEMS AVAILABLE THROUGH GRAINGER SOURCING ONLY.



For more information contact your Grainger Representative or visit Grainger.com®.