

FSI FSI®DAT6000S "RAPID DEPLOY" DECON SHOWER

FSI 2 LINE, 4 STAGE MASS CASUALTY DECON SHOWER SHELTER



- **Rapid Deploy**
- **Decon Pool and Plumbing are Pre-installed**
- **Very Portable**
- **Easy to Setup and Use**
- **Many Options Available**
- **Small Storage Footprint**

FSI DAT Series Pneumatic Shower - Approx. 20' WX 30' L X 9' H (6 M X 9 M X 2.7 M) - Shower only, 600 sq. ft. (56 M2) 570 lbs. (259 Kg). When all shower heads and curtains and trigger guns are installed = approx. 300 Kg (weight is a function of HD fabrics used to ensure longer life and stability in extreme conditions) Carton size approx. = 152 X 121 X 121 cm (60" L X 48" W X 48" H). 6 windows – three on each side, 3 skylights, 8 (eight) 17"/43 cm HVAC/clothes inlet/outlets with tie closures – 2 each per end/side, 16 metal stakes and 12 tie down ropes. Air volume approx. 300 cu. Ft; approx. 70 mph wind resistance; approx. roof load 2,600 lbs. The DAT6000S is a 2 line 4 stage (Undress/Shower/Shower/Redress) Decon Shower System with each line being 6 ft for undress, 18 ft L for shower divided into 2 showers in privacy as desired, and 6 ft L for redress. Decon 2 to 4 ambulatory personnel; 2 non-ambulatory or any combination at one time. Complete with all valving and an electric 220V/50Hz P-EIDHD inflator deflator with locking hands free inflation device, high pressure compressed air fill hose and universal scba adapter; repair kit; manual; ANSI # 113 compliant.

FSI® DAT® SERIES PNEUMATIC SHELTER SYSTEMS GENERAL SPECIFICATIONS

Frame / All Shower Pools: Heavy Duty 1100 Dtex* polyester coated w. plastomer on both sides, UV/Chemical resistant, quadruple overlapped and glued.

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 – 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 0 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.

Floor: 1,000 dtex 0.58mm Nylon coated w. PU, tensile strength: 2545N/2360, Tear Strength: 106/102N, weight: 660 grams per sq. mm 60" W.

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.

Standard color is 'FSI Blue'® Green, White, Red and Tan/Sand also available as standard. Other colors offered P.O.A.

All FSI® decon showers are ANSI # 113 compliant

*** 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).

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 shelters help ensure compliance with the OSHA Heat Illness requirement as described at:

https://www.osha.gov/OshDoc/data_Hurricane_Facts/heat_stress.pdf

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