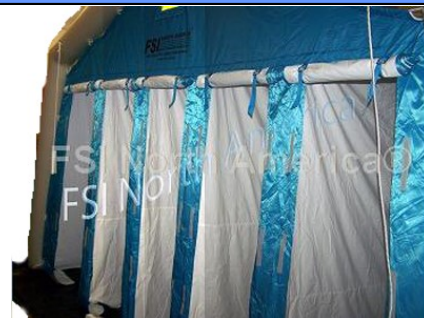




FSI® DAT4099S **FIVE LINE**



The FSI model DAT4099S is a five-line (36"/.92 M X 5 Lines W), 3 or 4-station Mass Casualty Decon Shower System which handles five 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 3 - 4 minutes, processes five 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 1/2"/13mm hose line with attached multiple function spray nozzle which thoroughly drenches and decontaminates via a fine water mist. There are a total of 16 multiple function spray nozzle guns and 4 sections of 3 shower heads for a total of 28 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'/1.22 M undress privacy area in 5 lines on entrance, a 15.5'/4.72 M long decon shower area divided into 2 separate shower stalls in each line, and a 4'/1.22 M redress privacy area in 5 lines 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.

If an optional detergent injector is used then the shower # 1 station can be used for detergent cleansing and the shower # 2 station may be used for rinse.

Wastewater is contained within integral 15'4.57 M wide X 15.5'/4.72 M long ground floor and 6"/15 cm berm erected when system is initially inflated (holds 500 gal./2000 liters of waste water before pump-out is required - waste pump recommended, however).

Includes separate "dirty" entry and "clean" full sized exit doors, four (4) center divider curtains to separate all five lines, fifteen (15) 1/4 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.

These professional decon systems can be inflated either with high pressure air from an scba/scuba tank, with an electric inflator, or with compressed air from any available source. The DAT4099S offers a top center air berm running the entire length of the unit to 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, rollUp, full zip, dirty entry/clean exit doors, 8 HVAC 19"/48 cm dia. air duct inlets/outlets w. tie closures - 2 each on each end/side, 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 and ground anchor points, 4 tie down ropes and attaching points, repair kit, manual, shelter sleeve, 2 upper air vents, and hammer. 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.

Weight approx. 500 lbs/159 Kg. Inflated size is 15'4.57 M W x 23.5'/7.16 M L x 9'/2.74 M H. 352 sq. ft. (32.7 M²)
Carton size approx. = 136 X 108 X 91 cm (54"L X 43"W X 36"H)

Multiple optional accessories available inclusive of air and water heaters, air coolers, elevation grids, waste water pumps, etc. available - visit: www.fsinorth.com

All FSI® 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

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