

DAT202046S FIRST RESPONDER HAZMAT DECONTAMINATION SHOWER & FOOT POOL CONTAINMENT SYSTEM

The FSI # DAT® 202046S consists of a fully integral shower and foot pool system configured with a central approx. 7' X 7' DAT2020S shower complete with 3 attached approx. 6' X 6' DAT668 decon pools (1 on one side and 2 on the other), 3 color coded as desired DAP668-DIL disposable liners, and 4 F-RREG roll out elevation grids of approx. 4 ft X 4 ft

DAT202046S System Sizes and Details:

Overall Length – approx. 25 ft

Overall Width – approx. 7 ft

Overall Height – approx. 7.5' internal/8 ft external

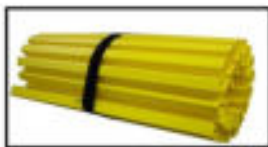
Total floor area of DAT2020S and 3 integral DAP668 pools – approx. 157 sq ft

Weight – approx. 150 lbs

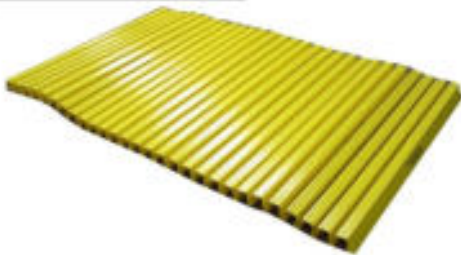
Stored size in supplied carry bag – approx. 48" L X 28" W X 22" H

Stakes/Stake Straps – 10 total (4 with DAT2020S and 2 each per DAP668)

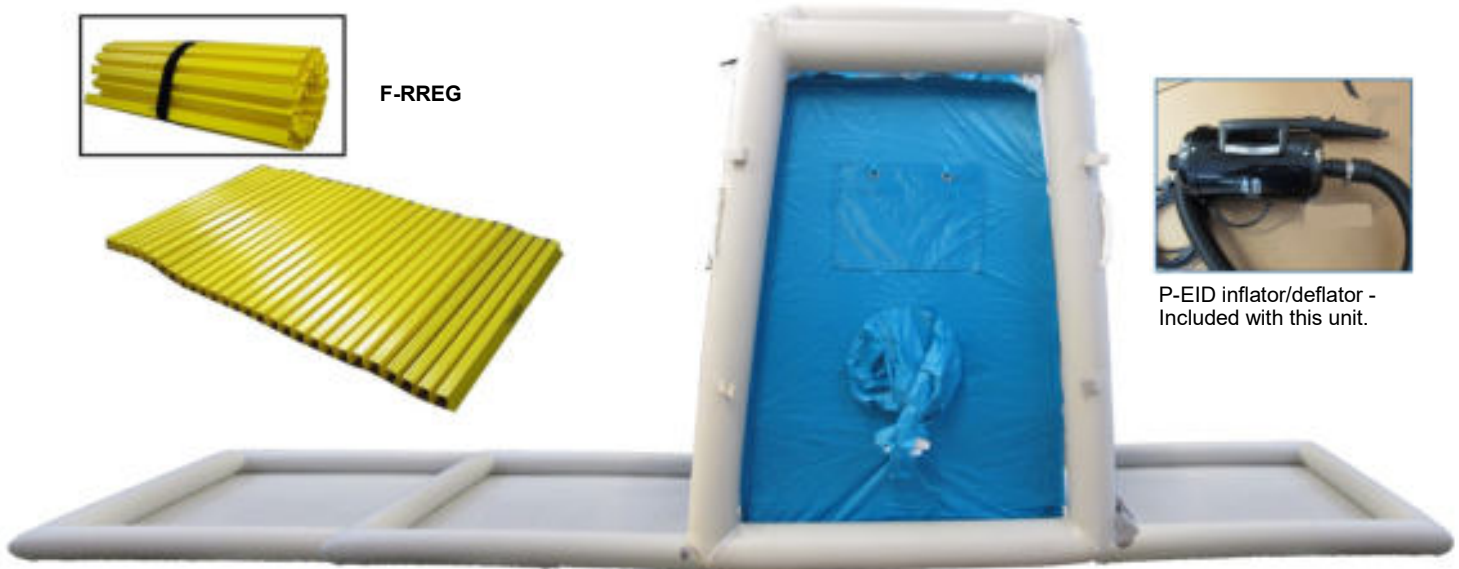
Approx. 1-2 minute set up time using supplied P-EID inflator deflator and hands-free locking connector OR using compressed air fill via the supplied high pressure compressed air fill valve and hose with universal SCBA adapter.



F-RREG



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



DAT2020S - DAP668 FOOT POOL – DAP668-DIL FABRIC SPECIFICATIONS

Frame and Floor: Heavy Duty 1100 Dtex* polyester coated w. plastomer on both sides, UV/Chemical resistant, quadruple overlapped and glued. 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 = 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 Meets NFPA701 and DIN4102-B1, M-2

DAT2020S Shower 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 – UV resistant 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)' - 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. MULLEN BURST TEST OF 2,658 KPA. Seams double stitched/coated both sides. Standard color is 'FSI Blue®', Green, White, Red, and Tan/Sand also available as standard. Other colors offered P.O.A.

DAP668-DIL disposable inner liner - of 100% NYLON 210T ANTRON W/R, POLYURETHANE COATED 57/58", Color coded as desired and specified with order – colors offered are white/clear, blue, green, yellow, red, black/grey



DAT@2020S – Qty. 1

The DAT@2020S comes equipped as standard equipment with an integrally attached ground floor that will hold up to 100 gallons (400 liters) 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 on each end, 1 air inflation/deflation valve, one high pressure air fill valve and air inflation hose w. safety cord, 1 pressure relief valve, 4 metal stakes and ground anchor points, one 19"/48 cm HVAC Hanging Duct, 1 small electrical duct, Tie Down Ropes and 4 D-rings to tie off to, Repair kit, manual, shelter sleeve, 2 upper air vents, and 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 air berms. Units can attach to a 2nd shower/FSI Shelter.

The DAT@2020S also comes complete with a qty. of 7 spray nozzle heads (one overhead) and a single 5' (150 cm) length of coiled 1/2"/13 mm hose with an attached multiple function spray gun with spray patterns and flows meant to gently yet thoroughly drench and decon victims. Shutoffs and quick disconnects supplied with every group of shower heads and trigger gun. Flows per shower head and per spray gun = approx. 1 gpm/4 lpm optimum and dependent on water volumes available.

Simply inflate the unit and plug into a water supply. DAT@2020S offered with 1 – 3/4" (19mm) high pressure 300 psi (20 bar) GHT threaded inlet hose – other fittings available as specified. Decontamination can commence in less than 1 minute.

Comes complete with electric inflator/deflator, stakes, repair kit 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@2020S Approx. 7' W X 7' L X 8' H (2.13 M X 2.13 M X 2.43 M), 50 sq. Ft. (4.65M²), 90 lbs. (40 Kg)
Carton size approx. = 134 X 73 X 48 cm (53" L X 29" W X 19" H)

DAP668 - Qty: 3

DAP SERIES RECTANGULAR AIR INFLATABLE DECON FOOT POOL/TANK Approx. 6' X 6' X 8" H. Approx. 175 gal. holding capacity. Each of these 3 pools will inflate as the DAT2020S does via the DAT2020S valving, and each are permanently affixed to the air berm of the DAT2020S. Each DAP668 will have 2 stake down straps.

DAP668-DIL – Qty: 3

DAP DISPOSABLE INNER LINERS FOR RECTANGULAR AIR INFLATION DECON FOOT POOL/TANK. Approx. 6' X 6' X 8" H. Color coded as desired and specified with order – colors offered are white/clear, blue, green, yellow, red, black/grey.



F-RREG – Qty: 4

Rapid-Fold Elevation Grids priced per sq. ft. (L X W) to be 4 ft X 4 ft in size

Multiple optional accessories available inclusive of secondary overflow decon pools such as the DAP14268 - dimensions 14' W X 26' L X 8" H, air and water heaters, air coolers, elevation grids, waste water pumps, detergent injection, lighting, 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 Portable Hazmat Decon Shower Systems are in conformance with the performance requirements of the new ANSI # 113-200X American National Standard for Fixed and Portable Decontamination Shower Units.

*** 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