

DESIGN WEST
TECHNOLOGIES INC
"Protecting Those Who Protect Us"

FAMS-S™ Large Variant

Portable Decontamination Capability for Forward, Austere, and Denied Environments



The FAMS-S Large Variant delivers rapid chemical and biological decontamination for military aircraft, vehicles, support equipment, and mission-critical assets. Designed for mounted or dismounted operation from the Joint Light Tactical Vehicle (JLTV), the system provides operators with scalable decontamination capability wherever operational demands require.

Equipped with dual 50-gallon tanks, dual electric pump systems, and simultaneous spray/fill functionality, the FAMS-S Large Variant enables operators to maintain continuous decontamination operations while reducing logistical burden and mission downtime.

OPERATOR APPLICATIONS

- Chemical and biological agent decontamination
- Aircraft exterior wash-down
- Tactical vehicle decontamination
- Equipment and support asset cleaning
- Large-area decontamination operations
- Emergency response and hazardous material missions

INCLUDED SYSTEM COMPONENTS

- FAMS-S Large Variant Frame and Tank Assembly
- Two 50-Gallon Tanks
- Integrated Manifold and Pump System
- Two Spray Wands and Wand Extensions
- Two Fan & Stream Nozzles
- Two 50-Foot Hose Extensions
- Suction Hose Assembly
- 110V Power Supply & 30-Foot 24V NATO Power Cable

OPERATOR ADVANTAGES

✓ 100-gallon total decontamination capacity
✓ Simultaneous dual-wand operation
✓ Tankless operation from alternate water sources
✓ Simultaneous fill and spray capability
✓ Rapid deployment for large-scale decontamination missions

TECHNICAL SPECIFICATIONS

Specification	Value
Tank Capacity	100 Gallons Total
Empty System Weight	460 lbs.
Dimensions (L × W × H)	47.00" × 41.00" × 38.00"
Operating Temperature	41°F to 150°F
Storage Temperature	-35°F to 180°F
Pump Draw Height/Length	20 ft
Stream Nozzle Pressure	100 psi
Fan Nozzle Pressure	150 psi
Stream Spray Distance	40-50 ft
Fan Spray Distance	Up to 15 ft
Fill Rate (per tank)	Approximately 8-9 minutes
Operating Noise Level	Up to 95 dB
Power Source	110V AC or 24V NATO Cable

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MIL-STD-810H COMPLIANT

AS9100D CERTIFIED ISO 9001

ITAR REGISTERED

www.dwtusa.com