

DESIGN WEST
TECHNOLOGIES INC
*"Protecting Those Who Protect Us"*



# FAMS-S™ Man-Portable (MP) Variant

## Portable Decontamination Capability for Forward, Austere, and Denied Environments



The FAMS-S Man-Portable (MP) Variant is a rugged, battery-powered decontamination spray system engineered to provide operators with rapid chemical and biological decontamination capability in forward operating environments.

Designed as a backpack-configurable system, the FAMS-S MP delivers high-performance spray, fill, recirculation, and tankless operations from a compact, transportable platform. Its modular architecture enables operators to decontaminate aircraft, vehicles, equipment, and mission-critical assets when conventional support infrastructure is unavailable.

## OPERATOR APPLICATIONS

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

## INCLUDED SYSTEM COMPONENTS

- FAMS-S MP Backpack Tank Assembly
- Modular Manifold Assembly
- Spray Wand with LCD Interface
- Stream & Fan Nozzles
- Suction Hose with Strainer
- 20-Foot Extension Hose
- Wand Extensions
- Transport/Storage Case

## OPERATOR ADVANTAGES

✓ Rapid setup and deployment
✓ Backpack or modular operating modes
✓ One-person operation
✓ Battery-powered mobility
✓ Minimal logistical footprint
✓ Designed for austere operating environments

## TECHNICAL SPECIFICATIONS

| Specification | Value |
|---|---|
| Tank Capacity | 5 US Gallons |
| Empty System Weight | 27 lbs. |
| Manifold Weight | 13.5 lbs. |
| Dimensions (L × W × H) | 18" × 11" × 22" |
| Operating Temperature | -32°F to +145°F |
| Storage Temperature | -25.6°F to +179.6°F |
| Pump Draw Height/Length | 20 ft |
| Stream Nozzle Pressure | 50 psi |
| Fan Nozzle Pressure | 100 psi |
| Stream Spray Distance | Up to 20 ft |
| Fan Spray Distance | Up to 15 ft |
| Fill Time (5 Gallons) | Approximately 1.5 minutes |
| Operating Noise Level | Up to 83 dB |
| Power Source | BB-2590 Lithium-Ion Battery (not included) |

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MIL-STD-810H COMPLIANT

AS9100D CERTIFIED ISO 9001

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