

FEATURES

- | For up to 500 gal. of total sprinkler pipe capacity
- | UL 508A listed Industrial Control Panel
- | FM1035 approved
- | Dual-Bed PSA technology
- | BlastOff™ I - Leak Detection System
- | BlastOff II - Air Bypass Alarm
- | Integrated air compressor (not intended for quick-fill)
- | 28 gal. nitrogen receiver tank
- | PLC with Smart-Trak™ Technology
- | Optional BlastOff III - Early Warning System
- | Optional BlastOff IV - Onboard Purity Alarm
- | Optional STS-NF-QF-2 air compressor available for quick-fill operation (635 gal. @ 40 PSI)

UNIT DETAILS

N ₂ Blast FPS-500	
Part Number	
N ₂ Generation System	FPS-00500
AutoPurge System®	A03-APS2
Dimensions	
A (Width)	15.65"
B (Depth)	10.1"
C (Height)	29.5"
Unit Weight	84 lbs.
Tank Dimensions/Weight	52.6" H x 15.1" D / 75 lbs.
Unit Details	
Max FPS Capacity	500 Gallons
Nitrogen Purity	98% +
Mount	Wall
Electrical	110 VAC / 4.3 Amp / 1 Phase
Maintenance	Annual or 1,000 Hours ¹
Warranty	One Year ²



1. Whichever comes first per STS terms and conditions.
2. Extended warranty options available.

OPTIONAL EQUIPMENT

Part Number	Product Description
STS-NF-QF-2	2 HP Quick-fill Compressor
A02-QCP	Quick-Check® Portable N ₂ Purity Sensor
800012	BlastOff III - Early Warning System
A02-MO2-4C	BlastOff IV - Onboard Purity Alarm
A02-QCF (PST or 6PST)	N ₂ Blast AutoPurge System 1 or 6 Zone Timer
A02-QCF-PS (1PM, 6PM, 10PM, or 20PM)	Quick-Check Single or Multi-Zone Purity Manifold
PM Box-003	Preventative Maintenance Box (2 years of Annual Filter Kits)

PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)
Novec 1230™ Fluid (FK-5-1-12)
FM-200® (HFC-227ea.)
Carbon Dioxide (CO₂)
Hybrid Systems (N₂ / Water)
Pressure Relief Vents
Enclosure Integrity Testing Equipment
Pipe & Fittings

Water Suppression



Water Mist - High Pressure
Water Mist - Intermediate Pressure
Water Mist - Low Pressure
Hybrid Systems (Water / N₂)
Monitors & Delivery Systems
High Speed Deluge

Foam Suppression



Foam Concentrates
Foam Proportioning
Foam Delivery Systems
Compressed Air Foam
Foam Concentrate Testing

Explosion Protection



Explosion Suppression
Explosion Isolation
Explosion Vents & Pressure Relief
Spark Suppression
Explosibility Testing

Fire Detection



Linear Heat Detection - Digital
Linear Heat Detection - Fibre Optic
Linear Heat Detection - Micro Chip
Flame Detection
Video Imaging Detection
Spark Detection
Control & Indicating Equipment
Thermal Imaging Detection
Aspirating Smoke Detection

Military & Defence



Military Vehicles
Naval Vessels

Special Applications



Micro Environment
Oxygen Reduction
Kitchen Protection Systems
Dry Chemical
Vehicle Systems
Marine & Offshore
Vapour Mitigation
Li-Ion Fire Systems

Support Services



Design / Engineering
Technical Support
Services & Testing

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