



# Mission-Critical Nitrogen™ Generators for Dry Fire Protection Systems



**THE PROBLEM:** Over 50% of dry sprinkler systems malfunction after only 10 years.

Corrosion causes leaks that lead to:

1. System damage,
2. Costly repairs, and
3. Business downtime.

**THE SOLUTION:** N2Blast protects your dry sprinkler system with Nitrogen.

Protecting your dry sprinkler system with N2Blast:

1. Inhibits corrosion,
2. Adds decades to the life of your sprinkler system, and
3. Ensures your sprinkler system works as designed in the event of a fire.

## THE N2BLAST ADVANTAGE



### Up to 25 Years of Life Expectancy

Designed with industry exclusive Dual Bed PSA technology, a properly maintained N2Blast nitrogen generator has a life expectancy of up to 25 years — **a decade longer than the standard life expectancy of standard membrane technology.**



### Low Lead Times

Manufactured in Wilmington, NC, South-Tek's premium N2Blast nitrogen generators are in-stock and ready to ship.



### Easy Installation

With minimal plumbing/electrical connections, South-Tek's premium N2Blast nitrogen generators are easy to install and designed to fit most fire sprinkler systems.

## THE SOUTH-TEK ADVANTAGE

### Extensive Industry Expertise

Nitrogen is all we do, so you can do more. With over 20+ years of experience in nitrogen, our technical background and comprehensive fire protection experience means you always have easy access to direct technical support from product engineers.



### Exceptional Customer Support

Our commitment to unmatched sales and technical support means we will provide you with everything you need in terms of quoting, specifying, training, technical assistance, troubleshooting, and installation support.



### Unparalleled Product Quality

Our best-in-class dual-bed, PSA technology guarantees our nitrogen generators work longer, better, and more efficiently than standard nitrogen generators.



## N2BLAST NITROGEN GENERATOR SPECIFICATIONS

	FPS-500	FPS-900	FPS-1650	FPS-3250	FPS-5000	FPS-10000	FPS-16500	FPS-22500
<b>Maximum FPS Capacity (Gallons)</b>	500	900	1,650	3,250	5,000	10,000	16,500	22,500
<b>Dimensions (H x W x D)</b>	30"x13"x10"	30"x13"x10"	68"x26"x18"	68"x26"x18"	68"x26"x18"	77"x29"x26"	77"x29"x26"	77"x29"x26"
<b>Weight (lbs.)</b>	84	84	223	243	303	870	1,020	1,070
<b>Mount</b>	Wall	Wall	Floor	Floor	Floor	Floor	Floor	Floor
<b>Electrical Specs*</b>	110V AC 50-60Hz 1 phase	110V AC 50-60Hz 1 phase	110V AC 50-60Hz 1 phase	110V AC 50-60Hz 1 phase	110V AC 50-60Hz 1 phase	110V AC 50-60Hz 1 phase	110V AC 50-60Hz 1 phase	110V AC 50-60Hz 1 phase
<b>Amperage</b>	4.3	4.3	7.6	5	5	5	5	5
<b>Compressed Air SCFM Required</b>	Integrated <sup>1</sup>	Integrated <sup>1</sup>	Integrated <sup>1</sup>	4	5	13	17	24
<b>Air Compressor Min. Working Pressure</b>	Integrated <sup>1</sup>	Integrated <sup>1</sup>	Integrated <sup>1</sup>	125 PSI	125 PSI	125 PSI	125 PSI	125 PSI
<b>Compatible Air Compressor Packages (STS-NF-C-)</b>	Integrated <sup>1</sup>	Integrated <sup>1</sup>	Integrated <sup>1</sup>	3-CS, 5-CS, 7-CS, 7HD-CS, 10-CS	3-CS 5-CS, 7-CS, 7HD-CS, 10-CS	5-CS, 7-CS, 7HD-CS, 10-CS	5-CS, 7-CS, 7HD-CS, 10-CS	7-CS, 7HD-CS, 10-CS
<b>N<sub>2</sub> Receiver Tank Size (H x DIA.)</b>	15"x50"	15"x50"	Integrated	Integrated	Integrated	Integrated	Integrated	Integrated
<b>Maintenance</b>	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual
<b>Lead Time</b>	3-4 Weeks	3-4 Weeks	3-4 Weeks	3-4 Weeks	3-4 Weeks	3-4 Weeks	3-4 Weeks	3-4 Weeks
<b>Warranty</b>	1 Year <sup>2</sup>	1 Year <sup>2</sup>	1 Year <sup>2</sup>	1 Year <sup>2</sup>	1 Year <sup>2</sup>	1 Year <sup>2</sup>	1 Year <sup>2</sup>	1 Year <sup>2</sup>

<sup>1</sup>The FPS-500 & FPS-900 systems are complete with integrated air compressors. A separate air compressor can be provided by South-Tek or a pre-existing air compressor can be utilized to fill largest zone to pressure within 30 minutes (per NFPA 13 req.).

<sup>2</sup>Per South-Tek Systems' Terms & Conditions. Extended warranties available.

\*208-240V, 50-60Hz, 1Ph options available

**Protecting your sprinkler system with Nitrogen increases safety and optimizes performance, adding decades to system life with a much smaller investment than the cost of a system failure or replacement.**

**REQUEST A QUOTE TODAY**

**fireprotection@southteksystems.com | 910-415-1880 | [www.southteksystems.com/n2-blast-general-information/](http://www.southteksystems.com/n2-blast-general-information/)**