

# N2-GEN HPC™ - High Pressure Cylinder Fill Station

Introducing the N2-GEN HPC™ - High Pressure Cylinder Fill Station. Designed & Manufactured by South-Tek Systems, the leader in Nitrogen Generation Technology.

## How it works

The N2-GEN HPC™ is a skid-mount Nitrogen Generation System that provides an infinite supply of 95-99.999% pure Nitrogen on demand. Generate Nitrogen on site for filling High Pressure (HP) Cylinders. Its the safe , convenient and cost-effective alternative to *renting* High Pressure Nitrogen Cylinders.



## N2-GEN HPC™

- N2-GEN HPC-1™ fills (1) K cylinder in 24 hours
- N2-GEN HPC-2™ fills (2) K cylinders in 24 hours
- N2-GEN HPC-4™ fills (4) K cylinders in 24 hours
- N2-GEN HPC-6™ fills (6) K cylinders in 24 hours
- PSA Technology provides 95-99.999% Nitrogen Gas Purity
- Integrated Pressure Sensors
- Built in, user friendly 3.5" color touchscreen
- Feed Air Compressor package available
- Optional Oxygen Analyzer

Cylinders Filled in 24 hours @ 99.9% N2 Purity

Series	K	S	LD	Q
N2-GEN HPC-1™	1	1.75	2	2.75
N2-GEN HPC-2™	2	3.25	4	5.50
N2-GEN HPC-4™	4	6.50	8	11.00
N2-GEN HPC-6™	6	9.75	12	16.50

Cubic Feet (cuft) Nitrogen @ 2,200 PSI

K	S	LD	Q
244 cuft	150 cuft	125 cuft	90 cuft

## Generate Nitrogen On Demand

- Cost-effective, continuous N<sub>2</sub> supply for cylinder filling
- Avoid HP Cylinder delivery, rental & refill fees
- No more running out of gas or waiting for deliveries
- Simple installation and uses minimal space
- Safe, easy and inexpensive to maintain
- Eliminate gas contracts
- Systems operating over 20 years
- Systems average 12 to 14 month ROI
- Reduce your Nitrogen costs by up to 90%



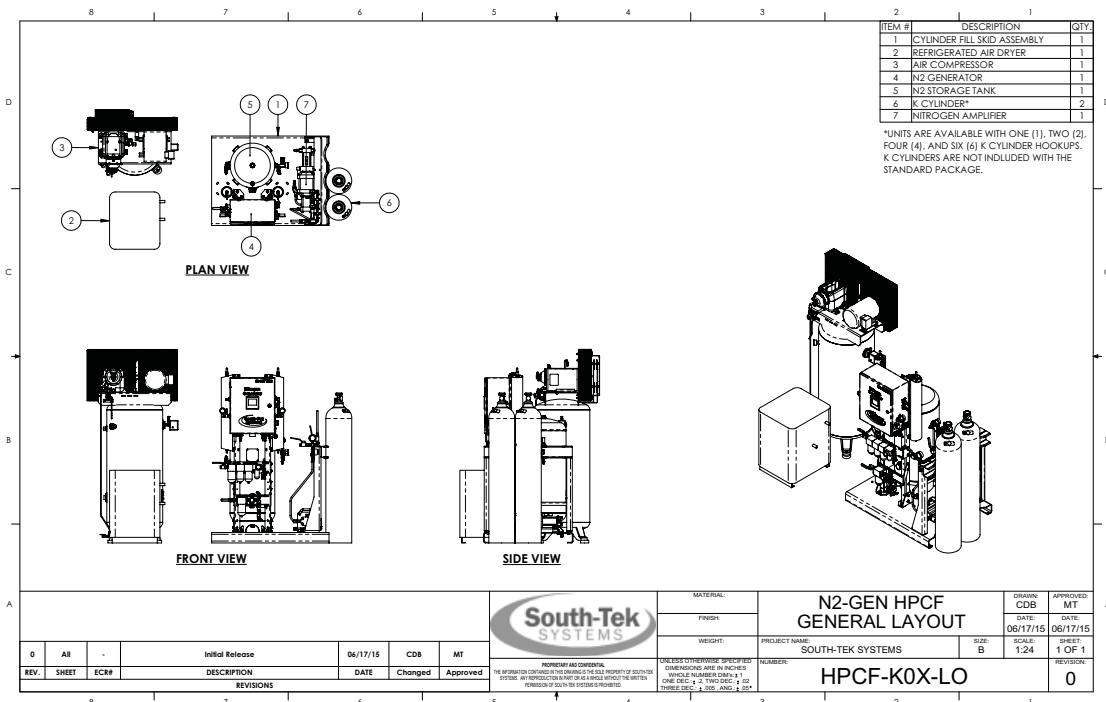
*South-Tek Systems, the Leading Designer and Manufacturer of Nitrogen Generation Technology*

# N2-GEN HPC™ Specifications

	N2-GEN HPC-1™	N2-GEN HPC-2™	N2-GEN HPC-4™	N2-GEN HPC-6™
Fill Rate	(1) K Cylinder from 0-2200 PSIG per 24 hours	(2) K Cylinders from 0-2200 PSIG per 24 hours	(4) K Cylinders from 0-2200 PSIG per 24 hours	(6) K Cylinders from 0-2200 PSIG per 24 hours
Output Purity	99.9% Nitrogen Gas	99.9% Nitrogen Gas	99.9% Nitrogen Gas	99.9% Nitrogen Gas
Electrical	110VAC / 60Hz / 1Ph	110VAC / 60Hz / 1Ph	110VAC / 60Hz / 1Ph	110VAC / 60Hz / 1Ph
Approx. Skid Dimensions	60"H x 48"W x 32"D	60"H x 48"W x 32"D	60"H x 60"W x 32"D	60"H x 72"W x 32"D
Air Consumption	13 SCFM	16 SCFM	29 SCFM	53 SCFM
Air Compressor Output	17.3 SCFM @ 125 PSI	17.3 SCFM @ 125 PSI	36.7 SCFM @ 125 PSI	71 SCFM @ 125 PSI
Air Compressor Electrical	208-230-460VAC / 60Hz / 1Ph or 3Ph	208-230-460VAC / 60Hz / 1Ph or 3Ph	208-230-460VAC / 60Hz / 3Ph	208-230-460VAC / 60Hz / 3Ph
Air Compressor Dimensions	31"L x 24"W x 76"H	31"L x 24"W x 76"H	60"L x 23"W x 52"H	58"L x 34"W x 74"H
Refrig. Dryer Electrical	115VAC / 60Hz / 1Ph	115VAC / 60Hz / 1Ph	-----	-----
Refrig. Dryer Dimensions	11"W x 16"L x 14"H	11"W x 16"L x 14"H	Integrated	Integrated
Maintenance	Annual (Filter Kits)	Annual (Filter Kits)	Annual (Filter Kits)	Annual (Filter Kits)
Warranty	2 Years <sup>1</sup>	2 Years <sup>1</sup>	2 Years <sup>1</sup>	2 Years <sup>1</sup>

<sup>1</sup>Per South-Tek Systems Terms & Conditions.

## N2-GEN HPC™ General Layout



N2-GEN HPC™ - High Pressure Cylinder Fill Station / We ARE Nitrogen™

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