

SNGII-LP

Low Pressure Nitrogen Generators

- › **Pressure**
100 to 175 psig
8 to 12 bar
- › **Capacity**
4.9 to 22.7 scfm
139 to 643 l/min
- › **Power**
15 to 40 hp
11 to 30 kW



The Series II Stationary Nitrogen Generation systems are turnkey solutions designed to generate compressed, high purity nitrogen gas for a diverse range of markets such as plastics processing, industrial, and military applications.

These self-contained, fully integrated systems do not require shop air and eliminate the hazards involved with the handling of high pressure cylinders as well as the burden of merchant-supplied bulk gas. **Why buy Nitrogen when you can make your own?**

SNGII-LP

STANDARD SCOPE OF SUPPLY

- › Feed air compressor, single-stage, air cooled, oil-injected, continuous-duty screw compressor
- › High durability membrane air separators
- › Electric motor (ODP) each with v-belt drive, belt guard and belt tensioning device
- › Automatic condensate drain with collector (includes switch for high condensate level)
- › **UL**[®] labeled Control Center with PLC controller. Master central system includes interactive touchscreen interface for operation, maintenance and troubleshooting.
- › Single-point power supply connection, fused control voltage transformer
- › On-line percent oxygen monitor
- › Pressure sensors for oil and final product pressure
- › Emergency stop push button
- › Visible alarm annunciation
- › Locally mounted pressure gauges
- › Sound attenuated enclosures for compressors and membrane module
- › Ambient temperature range 40° to 113° F
- › 12 month warranty

AVAILABLE ACCESSORIES

- › Portable percent oxygen monitor
- › CE-complaint electrical assembly
- › TEFC motor
- › Second language for controls / documentation

DIMENSIONS L x W x H inches (mm)

- › ≤ 30 hp, 85 x 59 x 74 (2156 x 1482 x 1867)
- › > 30 hp, 96 x 64 x 84 (2426 x 1626 x 2116)

WEIGHT pounds (kg)

- › ≤ 20 hp, 2200 (821)
- › > 20 hp, 3000 (1120)

SOUND LEVEL (from control panel)

- › ≤ 30 hp, 70 dBA ± 2dBA
- › > 30 hp, 79 dBA ± 2dBA

BUFFER TANK gallon (l)

- › ≤ 20 hp, 60 (227)
- › > 20 hp, 120 (454)

Technical Data

Model	Product flow at 99.5% purity		Product flow at 99.0% purity		Product flow at 98.0% purity		Motor	
	scfm ¹⁾	l/min	scfm ¹⁾	l/min	scfm ¹⁾	l/min	hp	kW
150 psig (10 bar)								
SNGII-15300	5	139	6	176	8	221	15	11
SNGII-20400	8	224	11	306	16	445	20	15
SNGII-30600	18	501	25	697	36	1014	30	22
SNGII-40800	23	643	30	824	38	1065	40	30

1) Capacity (FGD) is referenced to standard conditions. Tolerance +/- 5%.
Dimensions and weight are approximate and are dependent upon model and drive.

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