

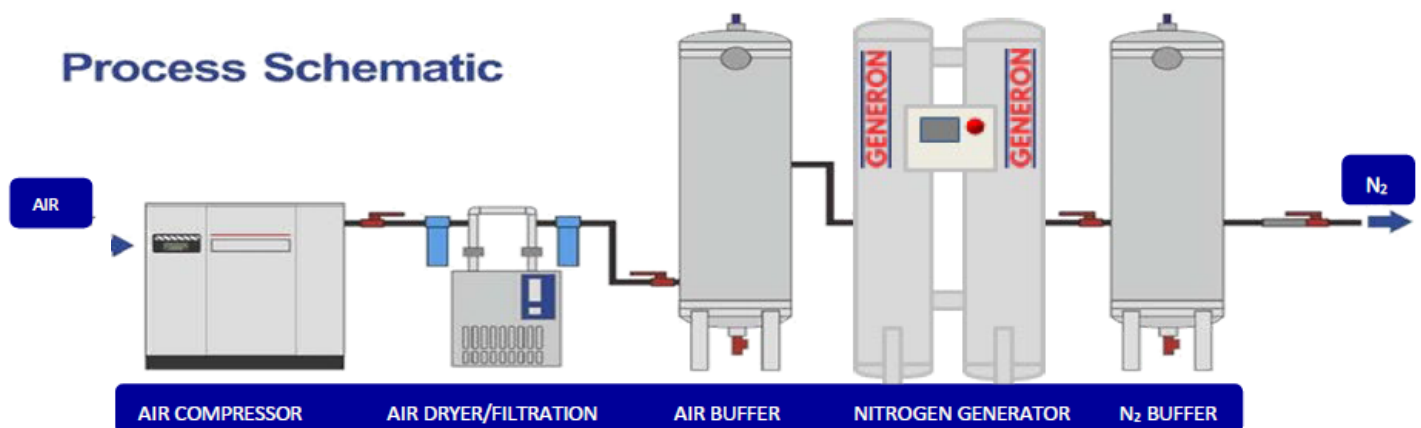
GENERON's Sequential PSA Nitrogen Generator separates nitrogen from compressed air utilizing the pressure swing adsorption (PSA) technology. This product line is designed for medium to large flow rates and has a reduced footprint. It consists of single pairs of our Twin Tower Adsorber Vessels and operates on alternating cycles.

Standard Features:

- ASME Adsorber Vessels
- High Cycle Life Pneumatic / Electric Valves
- Oxygen Analyzer with calibration kit
- Pressure Safety Valve
- Nitrogen Pressure Regulator
- PLC Control System
- Carbon Steel Skid
- Exhaust Silencing Muffler
- Highest Performance Adsorbent Media
- Low Overall Height for Compact Area

Options/Upgrades:

- Inlet Filtration Package
- Post Filtration Package
- Product Flow Meter
- Auto Shut Down/Startup/Standby Mode
- Off Specification Circuit
- Compressed Air Buffer Tank
- Nitrogen Buffer Tank
- Master Controller driven for multiple unit operation
- HMI Display Screen
- Enhanced PLC with Telemetry
- Dew Point Analyzer
- Energy Saving Part-Load Control



GENERON® Sequential PSA Nitrogen Generator

Advantages:

- Low Gas Generating Cost
- Low Energy Consumption
- Fully Automatic Unattended Operation
- Highly Reliable
- Easy Installation
- Low Maintenance
- Heavy Duty Construction
- No Hazardous Storage
- Smaller Footprint



Parameters	Dimensions*:	9.6ft- 20ft L x 8ft W x 9ft H
	Weight*:	8,000-45,000 lbs
	Power Requirement:	900-1,500 WATT @ 120 VAC Supply
	Inlet Air Connection:	3" - 6" 150 #RF
	N ₂ Outlet Connection:	2" - 4" 150 #RF

*Note: Weight and Dimensions are nominal

Product	Model Size	Nitrogen Purity/Flow Rate											
		PSIG	BARG	97%		99%		99.90%		99.99%		99.999%	
				SCFM	Nm ³ /h	SCFM	Nm ³ /h	SCFM	Nm ³ /h	SCFM	Nm ³ /h	SCFM	Nm ³ /h
2xNS-20-65	90 to 145	6.2 to 10	171-292	271-463	126-207	200-329	72-108	115-171	49-58	77-93	25-21	41-33	
2xNS-24-64	90 to 145	6.2 to 10	246-420	390-665	181-298	288-472	104-155	165-246	70-84	111-333	30-37	48-59	
2xNS-30-56	90 to 145	6.2 to 10	341-582	541-922	252-413	399-654	144-215	229-341	98-117	155-185	42-51	66-81	
2xNS-36-56	90 to 145	6.2 to 10	496-846	786-1340	366-600	579-951	210-313	333-495	142-170	225-269	61-72	97-118	
3xNS-36-56	90 to 145	6.2 to 10	745-1269	1179-2010	549-901	869-1427	315-469	500-743	213-255	338-404	92-112	146-178	
4xNS-36-56	90 to 145	6.2 to 10	993-1692	1572-2680	732-1201	1159-1902	421-626	666-991	284-340	450-539	122-150	194-237	
5xNS-36-56	90 to 145	6.2 to 10	1241-2116	1965-3350	915-1502	1449-2378	526-783	833-1239	356-425	563-673	153-187	243-297	
6xNS-36-56	90 to 145	6.2 to 10	2483-4232	3931-6700	1831-3004	2899-4757	1052-1566	1666-2479	712-851	1127-1347	307-375	486-594	

Flow and pressure values are averages with tolerances of +/- 3%. Performance data based on 68°F (20 °C). Inlet temperature at PSA module. Standard Conditions: 80°F (27°C) and 14.7PSI. Custom sizes are available upon request

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