

Pneumatic Products™



NGPLS Series

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Compact Design with “One-Touch” Operation

Increase Profits And Reduce Costs With The NGPLS Series

The easiest way to reduce nitrogen costs and increase your profit is to use an in-house nitrogen generator to meet your nitrogen gas demands.

This system has been designed with the needs and requirements of small-to-medium businesses in mind, ensuring they can eliminate barriers related to cost, footprint, and limited experience. All critical components of the NGPLS Series are fully protected from inadvertent tampering and ambient dust.

Start up is a breeze, thanks to the one touch operation and small footprint design.

All systems are factory fine-tuned to meet customer demands and requirements, with a particular focus on achieving your desired purity, flow and pressure.

Major Features:

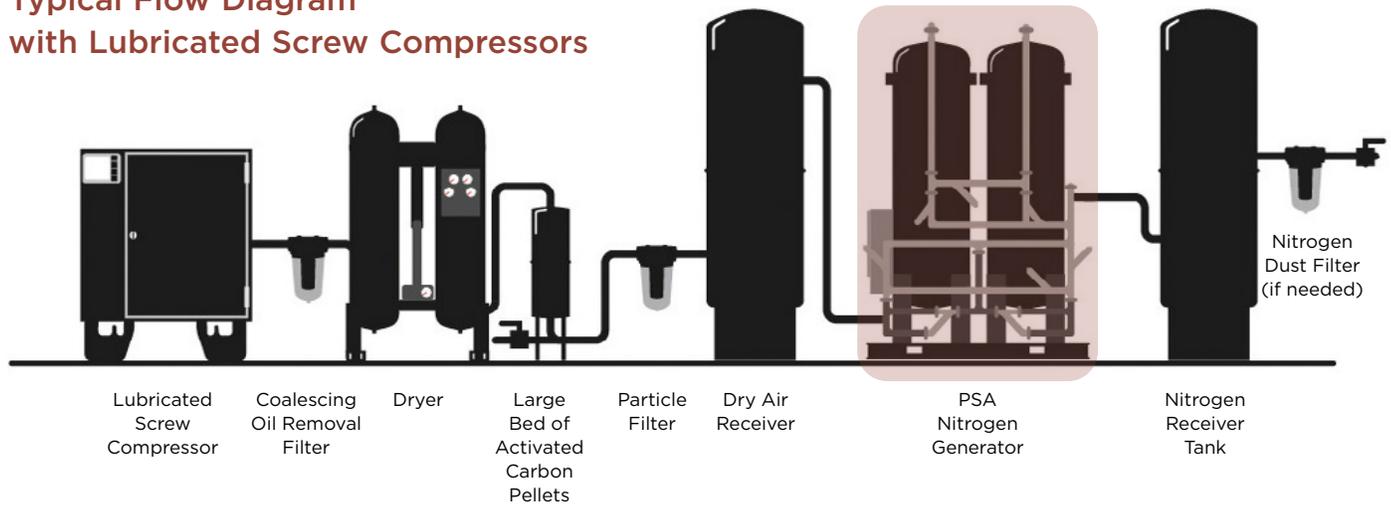
- Light Industrial Applications
- Easy and quick installation
- Nitrogen purity of up to 99.999%
- Completely plug and play
- Most options are designed and built to fit through standard 36” door
- Password-protected screens for ultimate security

70°F Performance (SCFM)

Model Number	95%	96%	97%	98%	99%	99.5%	99.9%	99.95%	99.99%	99.995%	99.999%
15NGPLS	13.3	12.1	11.1	9.4	7.5	6.7	5.0	4.4	3.3	2.9	2.2
21NGPLS	17.4	15.9	14.6	12.3	9.9	8.8	6.6	5.8	4.4	3.8	2.9
26NGPLS	23.0	21.0	19.3	16.3	13.1	11.6	8.7	7.7	5.8	5.0	3.8
32NGPLS	28.4	25.9	23.9	20.1	16.2	14.3	10.8	9.5	7.2	6.2	4.7
41NGPLS	35.1	32.0	29.5	24.8	20.0	17.7	13.3	11.8	8.8	7.7	5.8
47NGPLS	42.3	38.5	35.5	29.9	24.1	21.3	16.0	14.2	10.7	9.3	7.0
59NGPLS	49.6	45.2	41.6	35.0	28.2	24.9	18.8	16.6	12.5	10.8	8.2
68NGPLS	58.4	53.1	49.0	41.2	33.2	29.3	22.1	19.5	14.7	12.8	9.6
76NGPLS	64.8	58.9	54.4	45.7	36.8	32.6	24.5	21.7	16.3	14.2	10.6
88NGPLS	76.2	69.3	63.9	53.8	43.3	38.3	28.8	25.5	19.2	16.7	12.5
100NGPL	89.1	81.0	74.7	62.9	50.6	44.8	33.7	29.8	22.4	19.5	14.6
118NGPL	101.0	91.9	84.7	71.3	57.4	50.7	38.2	33.8	25.4	22.1	16.6
Air Factor	1.817	1.887	1.976	2.100	2.312	2.522	3.002	3.234	3.849	4.107	4.693

Performance and air factor listed is for ambient temperature 70°F and inlet pressure 110 psig. Please consult Pneumatic Products for performance at other conditions. Air factor listed may vary by ±5%.

Typical Flow Diagram with Lubricated Screw Compressors



95°F Performance (SCFM)

Model Number	95%	96%	97%	98%	99%	99.5%	99.9%	99.95%	99.99%	99.995%	99.999%
15NGPLS	12.5	11.6	10.3	8.9	7.1	6.2	4.6	4.0	3.0	2.6	1.9
21NGPLS	16.4	15.2	13.6	11.6	9.4	8.1	6.0	5.3	3.9	3.4	2.5
26NGPLS	21.7	20.1	17.9	15.4	12.4	10.7	7.9	7.0	5.2	4.5	3.4
32NGPLS	26.8	24.8	22.1	19.0	15.3	13.2	9.8	8.6	6.4	5.6	4.1
41NGPLS	33.1	30.6	27.3	23.5	18.9	16.4	12.1	10.6	7.9	6.9	5.1
47NGPLS	39.9	36.9	32.9	28.3	22.7	19.7	14.6	12.8	9.5	8.3	6.2
59NGPLS	46.7	43.2	38.6	33.1	26.6	23.1	17.1	15.0	11.1	9.8	7.2
68NGPLS	54.9	50.8	45.4	39.0	31.3	27.2	20.1	17.7	13.1	11.5	8.5
76NGPLS	61.0	56.4	50.4	43.3	34.8	30.2	22.3	19.6	14.5	12.8	9.5
88NGPLS	71.8	66.3	59.3	50.9	40.9	35.5	26.3	23.1	17.1	15.0	11.1
100NGPL	83.8	77.5	69.3	59.5	47.8	41.5	30.7	27.0	20.0	17.6	13.0
118NGPL	95.1	87.9	78.6	67.4	54.2	47.0	34.8	30.6	22.7	19.9	14.7
Air Factor	1.924	2.002	2.103	2.245	2.485	2.722	3.266	3.568	4.340	4.665	5.401

Performance and air factor listed is for ambient temperature 95°F and inlet pressure 110 psig.
Please consult Pneumatic Products for performance at other conditions. Air factor listed may vary by ±5%.

Model Number	Max Inlet Pressure (psig)	Inlet (in.)	Outlet (In.)	Length (In.)	Width (In.)	Height (In.)	Weight (lb.)
15NGPLS	150	3/4"	1/2"	35	26	80	702
21NGPLS	150	3/4"	1/2"	35	26	100	738
26NGPLS	150	3/4"	3/4"	35	26	80	870
32NGPLS	150	3/4"	3/4"	35	26	96	1000
41NGPLS	150	1"	3/4"	35	30	80	1060
47NGPLS	150	1"	3/4"	35	30	100	1194
59NGPLS	150	1.5"	1"	35	30	80	1292
68NGPLS	150	1.5"	1"	35	30	91	1443
76NGPLS	150	1.5"	1"	35	37	85	1500
88NGPLS	150	1.5"	1"	35	37	96	1630
100NGPL	150	1.5"	1"	35	39	90	1850
118NGPL	150	1.5"	1"	35	39	99	2025

Physical Characteristics

Notes:

N₂ pressure will typically be 25 psi lower than compressor outlet pressure (with reasonable pressure drop for filters included). In some cases, lower pressure drop may be possible. Please consult factory for details where relevant.

NGPLS Series

**At Pneumatic Products,
your satisfaction is our top priority.**

Our specialization is in providing on-site cutting-edge nitrogen (N₂) generator systems that meet the demands and requirements of a large range of industries. By focusing on efficiency, reliability, innovation and performance, we are your ultimate provider for all nitrogen generation needs.

As experts at designing a solution that is right for you, rather than just simply providing a standard product, we will work alongside you to create a system that will solve all of your application challenges. Let Pneumatic Products be your valued partner during the N₂ generation system selection process!

 **Pneumatic
Products**TM

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