

Ultra-High Purity Modular Nitrogen Generators 95% to 99.9995% Purity N Series

Ingersoll Rand nitrogen generators produce high quality nitrogen from compressed air on site by Pressure Swing Adsorption (PSA). Our generators represent a cost effective, reliable and safe alternative to traditional nitrogen gas supplies such as cylinders or cryogenic liquid.

Nitrogen generators are available in 3 variations – Standard, SEP and MultiSEP. Capacities range from 1 up to 1150 Nm³/hour from 95% to 99.9995% purity. Ingersoll Rand PSA generators are designed to operate 24/7. The touchscreen control has user-friendly interface with automatic start/stop function based on gas consumption. Our SEP and MultiSEP series have spring loaded columns which prevent the molecular sieve against a crushing effect.



The unique design provides consistent high flow rates of nitrogen with a minimum footprint. Together with molecular sieve protection from moisture to substantially lower the cost and extend the generators.

The features:

- Robust Design with stainless steel piping
- Built-in purity analyser for constant monitoring
- Vessels designed for dynamic pressure loading
- Intuitive touch-screen control
- Remote start/stop relay
- Guaranteed performance with ASSURE warranty & remote monitoring
- Rapid ROI in typically less than 24 months
- Easy to install & environmentally-friendly
- Fits any application

Model	Purity											
	5.00% 95.00%	3.00% 97.00%	2.00% 98.00%	1.00% 99.00%	0.50% 99.50%	0.10% 99.90%	500ppm 99.95%	100ppm 99.99%	50ppm 99.995%	10ppm 99.999%	5ppm 99.9995%	
Standard	N2	13.2	11.3	9.3	7.3	6.5	4.8	4.2	3.2	2.3	1.7	1.3
	N4	26.4	22.5	18.6	14.7	13.0	9.6	8.5	6.4	4.7	3.3	2.5
	N6	39.6	33.8	27.9	22.0	19.4	14.4	12.7	9.5	7.0	5.0	3.8
	N9	59.4	50.6	41.9	33.0	29.2	21.6	19.0	14.3	10.5	7.5	5.6
	N12	79.1	67.5	55.9	44.0	38.9	28.9	25.4	19.1	14.0	10.0	7.5
	N15	98.9	84.4	69.8	55.0	48.6	36.1	31.7	23.9	17.5	12.5	9.4
SEP	N20	131.9	112.5	93.1	73.3	64.8	48.1	42.3	31.8	23.3	16.7	12.5
	N27	178.1	151.9	125.7	99.0	87.5	64.9	57.1	42.9	31.4	22.5	16.9
	N35	230.8	196.9	162.9	128.3	113.4	84.2	74.0	55.7	40.7	29.2	21.9
	N50	329.7	281.3	232.8	183.3	162.0	120.3	105.7	79.5	58.2	41.7	31.3
	N65	428.7	365.6	302.6	238.3	210.5	156.3	137.4	103.4	75.6	54.2	40.7
	N80	527.6	450.0	372.4	293.3	259.1	192.4	169.1	127.2	93.1	66.7	50.0
	N100	659.5	562.5	465.5	366.6	323.9	240.5	211.4	159.1	116.4	83.4	62.6
	N125	824.4	703.1	581.9	458.2	404.9	300.6	264.3	198.8	145.5	104.3	78.2
	N150	989.2	843.8	698.3	549.9	485.9	360.8	317.1	238.6	174.6	125.1	93.8
	MultiSEP	N80T	1055	900	745	587	518	385	338	254	186	133
N100T		1319	1125	931	733	648	481	423	318	233	167	125
N125T		1649	1406	1164	916	810	601	529	398	291	209	156
N150T		1978	1688	1397	1100	972	722	634	477	349	250	188
N3080		1583	1350	1117	880	777	577	507	382	279	200	150
N3100		1978	1688	1397	1100	972	722	634	477	349	250	188
N3125		2473	2109	1746	1375	1215	902	793	596	436	313	235
N3150		2968	2531	2095	1650	1458	1082	951	716	524	375	281
N4080		2110	1800	1490	1173	1037	770	677	509	372	267	200
N4100		2638	2250	1862	1466	1296	962	846	636	466	334	250
N4125		3279	2813	2328	1833	1620	1203	1057	795	582	417	313
N4150		3957	3375	2793	2200	1944	1443	1269	954	698	500	375
N5080		2638	2250	1862	1466	1296	962	846	636	466	334	250
N5100		3297	2813	2328	1833	1620	1203	1057	795	582	417	313
N5125		4122	3516	2909	2291	2025	1503	1321	994	727	521	391
N5150	4946	4219	3491	2749	2429	1804	1586	1193	873	626	469	

Performance based on 7 bar (g) inlet pressure.
Unit inlet air quality 1.4.1. according to ISO 8573-1:2010



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