

Pressure Swing Adsorption N2 Generators

NPM Series Modular Pressure Swing Adsorption (PSA) Nitrogen gas generators take nitrogen purging to a new level with onsite gas generation for applications ranging from 99% through to 99.999% purity.



Modular Nitrogen Generator



Analytical laboratory



laser cutting



Food and beverage

Electronic processing



Pharmaceuticals



3D printing



Technical Specifications

Model	N2 Capacity (Nm ³ /h)							Air Inlet	N2 Outlet Connection	Dimensions (mm)			Weight (Kg)	Suggested N2 Receiver Volume (L)
	99.00%	99.50%	99.90%	99.95%	99.99%	99.995%	99.999%			L	W	H		
NPM01P	4.3	3.6	2.9	2.4	1.8	1.5	1.1	Ø8	Ø8	570	495	1020	110	Integrated
NPM02	8.1	6.8	5.4	4.5	3.5	2.8	2.0	G1/2	G1/2	570	470	1690	146	50
NPM04	16.2	13.5	10.8	8.9	7.0	5.7	4.3	G1/2	G1/2	735	470	1690	213	50
NPM06	24.3	20.3	16.2	13.4	10.5	8.8	7.1	G1/2	G1/2	900	470	1690	280	100
NPM08	32.4	27.0	21.6	17.7	13.8	11.7	9.6	G1/2	G1/2	1060	470	1690	347	100
NPM10	40.5	33.8	27.0	22.1	17.2	14.6	12.0	G3/4	G1/2	1270	470	1690	418	200
NPM12	48.6	40.5	32.4	27.0	21.6	18.5	15.3	G3/4	G1/2	1440	470	1690	490	200
NPM14	56.7	47.3	37.8	31.5	25.2	21.5	17.8	G3/4	G1/2	1600	470	1690	555	200
NPM16	64.8	54.0	43.2	36.0	28.8	24.6	20.4	G1	G1/2	1760	470	1690	621	200
NPM18	72.9	60.8	48.6	40.5	32.4	27.7	22.9	G1	G1/2	1930	470	1690	688	300
NPM20	81.0	67.5	54.0	45.0	36.0	30.8	25.5	G1	G1/2	2090	470	1690	753	300
NPM20+	94.5	78.8	63.0	52.5	42.0	35.9	29.7	G1-1/4	G1/2	2140	470	1840	835	300
NPM24	97.2	81.0	64.8	54.0	43.2	36.9	31.5	G1-1/4	G1/2	1590	660	1700	948	300
NPM28	113.4	94.5	75.6	63.0	50.4	43.0	35.6	G1-1/4	G1/2	1800	660	1700	1083	500
NPM32	129.6	108.0	86.4	72.0	57.6	49.2	40.8	G1-1/2	G1/2	1960	660	1700	1219	500
NPM36	145.8	121.5	97.2	81.0	64.8	55.3	45.8	G1-1/2	G3/4	2130	660	1700	1355	500
NPM40	162.0	135.0	108.0	90.0	72.0	61.5	51.0	G1-1/2	G3/4	2290	660	1700	1490	500

*The above Data is based on a compressed air inlet pressure of 7 Bar @ 20°C Ambient

*Compressed air inlet pressure dew point should not exceed 3°C in all ambient conditions

*Compressed air inlet air quality is required to be filtered and dried to ISO 8573-1:2010 1.4.1

*Typical nitrogen quality at outlet is to ISO 8573-1:2010 1.2.1

*Minimum ambient operating temperature 5°C, Maximum ambient operating temperature 45°C

*If the inlet pressure is above or below 7 bar correction factors are required determine the output capacity

