

MAXIGAS Generator Sizing Sheet

(J) Generator maximum rated flow (Nm³/hr) ATP

Model (I)	O ₂ Content (B)						
	10ppm	100ppm	0.1%	0.5%	1%	2%	3%
N2MID350/1	0.6	1	1.6	2.6	3.1	4.0	N/A
N2MID600/1	0.9	1.5	2.6	3.9	4.6	6.1	N/A
N2MAX104	1.3	2.2	4.5	7.6	9.0	11.8	13.8
N2MAX106	1.9	3.2	6.7	11.4	13.5	17.7	20.7
N2MAX108	2.6	4.4	9.0	15.3	18.0	23.6	27.6
N2MAX110	3.2	5.3	11.3	19.1	22.6	29.5	34.5
N2MAX206	3.9	6.4	13.5	22.9	27.1	35.4	41.4
N2MAX208	5.2	8.8	18.0	30.6	36.1	47.3	55.2
N2MAX210	6.5	10.6	22.6	38.2	45.2	59.1	69.0
Air:N2 Ratio (L)	12	8	4.7	3.5	3.1	2.7	2.6

Figures based on 6barg/87psig into generator, 20-25⁰C/68-77⁰F ambient temperature

Pressure Correction Factor (F) Inlet Pressure			Temperature Correction Factor (G) Ambient Temperature		
barg	psig	Factor	Deg C	Deg F	Factor
6.0	87	1.00	5	41	0.80
6.5	94	1.07	10	50	0.90
7.0	101	1.14	15	59	0.94
7.5	109	1.21	20	68	1.00
8.0	116	1.29	25	77	1.00
8.5	123	1.36	30	86	0.98
9.0	131	1.43	35	95	0.95
9.5	138	1.50	40	104	0.90
			45	113	0.85

Buffer Vessel Selection

N2 Flow Rate Nm ³ /hr	Vessel Size Litres	N2 Flow Rate Nm ³ /hr	Vessel Size Litres
0-10	127	21-40	490
11-20	220	41-60	790

