

MAXIGAS

Nitrogen generators

N2MAX106

Unit details

Height	1650 mm	65 in
Individual width	500 mm	20 in
Depth	980 mm	39 in
Weight	330 kg	728 lb

Shipping details

Height	1900 mm	75 in
Width	650 mm	26 in
Depth	1130 mm	45 in
Weight	480 kg	1058 lb

Specifications

Electrical supply	230V / 1ph / 50-60Hz 110V / 1ph / 50-60Hz
Power rating	170 VA
Inlet air pressure	6-9.5 barg 87-138 psig
Required inlet air quality	ISO 8573.1 Class 1.2.1 Dirt, Water, Oil
Nitrogen outlet pressure	5 barg
Inlet and outlet connections	G1/2
Noise level	<75 db(A)



Performance

Oxygen content	10 ppm		100 ppm		0.1%		0.5%		1%		2%		3%	
	Nm ³ /hr	Scfm	Nm ³ /hr	Scfm	Nm ³ /hr	Scfm	Nm ³ /hr	Scfm	Nm ³ /hr	Scfm	Nm ³ /hr	Scfm	Nm ³ /hr	Scfm
Nitrogen flowrate	1.9	1.1	3.2	1.9	6.7	3.9	11.4	6.7	13.5	7.95	17.7	10.4	20.7	12.2
Inlet air required	22.8	13.4	25.6	15.2	31.5	18.5	39.9	23.5	41.9	24.7	47.8	28.1	53.82	31.7
Pre-treatment	DME012/N2		DME012/N2		DME012/N2		DME015/N2		DME015N2		DME020/N2		DME020/N2	
Total air required	31.0	18.2	33.8	20.0	39.7	23.3	50.8	29.9	52.8	31.1	62.1	36.5	68.1	40.1

Performance figures based on 7 barg inlet air pressure to pre-treatment, 6 barg (87 psig) air inlet pressure to nitrogen generator. Ambient temperature 20-25°C (68°-77°F).