

NITROGEN GENERATORS SKIDDED SYSTEMS



Skidded Nitrogen Generators

IGS is the world leader in the design and fabrication of Nitrogen Generators for the Marine, Oil and Gas Industrial markets for over 30 years. Over this time period, IGS has supplied over 3,000 Nitrogen Generators from Cabinet to large containerized systems. The IGS Skidded Series Nitrogen Generators are ideal where medium to large Nitrogen flow rates are required in a small footprint. The IGS Skidded series are designed and fabricated using the patented Generon IGS Hollow Fiber Membranes resulting in IGSs ability to supply higher flows in a reduced footprint design. IGS Skidded Systems are available within the following parameters with variations available based on specific customer requirements:

6000 Series

Nitrogen Flow Rate scfm (Nm3/hr)				Input Air Requirements (scfm/NM3/hr)				Dimensions inches / mm
100 psig 6.9 barg	150 psig 10.3 barg	200 psig 13.8 barg	500 psig 35 barg	100 psig 6.9 barg	150 psig 10.3 barg	200 psig 13.8 barg	500 psig 35 barg	
85 (133)	150 (235)	215 (332)	380 (595)	175 (272)	290 (453)	405 (630)	680 (1055)	102"L x 48" W x 78" H 2591mm x 1220mm x 1980mm Est. Weight – 2200 lbs (1000 Kgs.)
855 (1330)	1505 (2345)	2130 (3315)	3810 (5935)	1745 (2720)	2910 (4535)	4040 (6290)	6785 (10565)	132"L x 102"W x 96" H 3353mm x 2591mm x 2438mm Est. Weight – 12400 lbs (5636 Kgs.)

7000 Series

Nitrogen Flow Rate scfm (Nm3/hr)				Input Air Requirements (scfm/NM3/hr)				Dimensions inches / mm
100 psig 6.9 barg	150 psig 10.3 barg	200 psig 13.8 barg	350 psig 24 barg	100 psig 6.9 barg	150 psig 10.3 barg	200 psig 13.8 barg	350 psig 24 barg	
60 (95)	105 (164)	150 (232)	165 (260)	125 (194)	205 (320)	290 (450)	25 (455)	102"L x 60"W x 90"H 2590mm x 1511mm x 2279mm Est. Weight – 3600 lbs (1635 Kgs.)
1495 (2330)	2635 (4100)	3720 (5795)	4150 (6460)	3115 (4850)	5190 (8080)	7200 (11210)	7360 (11460)	156"L x 174"W x 102"H 3960mm x 4420mm x 2590mm Est. Weight – 16400 lbs (7455 Kgs.)

The IGS Skidded Systems are supplied as standard packages or individually designed to meet our client's requirements. Standard systems are designed for Non-Hazardous applications and for normal operating conditions.

Standard Features include:

- Hydrocarbon Free
- Nitrogen purities up to 99.9%
- Nitrogen Dewpoint down to – 70⁰ F (-57⁰ C)
- Oxygen Analyzer
- PLC

Options include:

- Hazardous Areas – Zone 2, Div 2
- Dual Filtration eliminating down time
- High/Low Ambient Environments
- Integrated Primary and Post Compression
- Designed to Customer Specifications

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