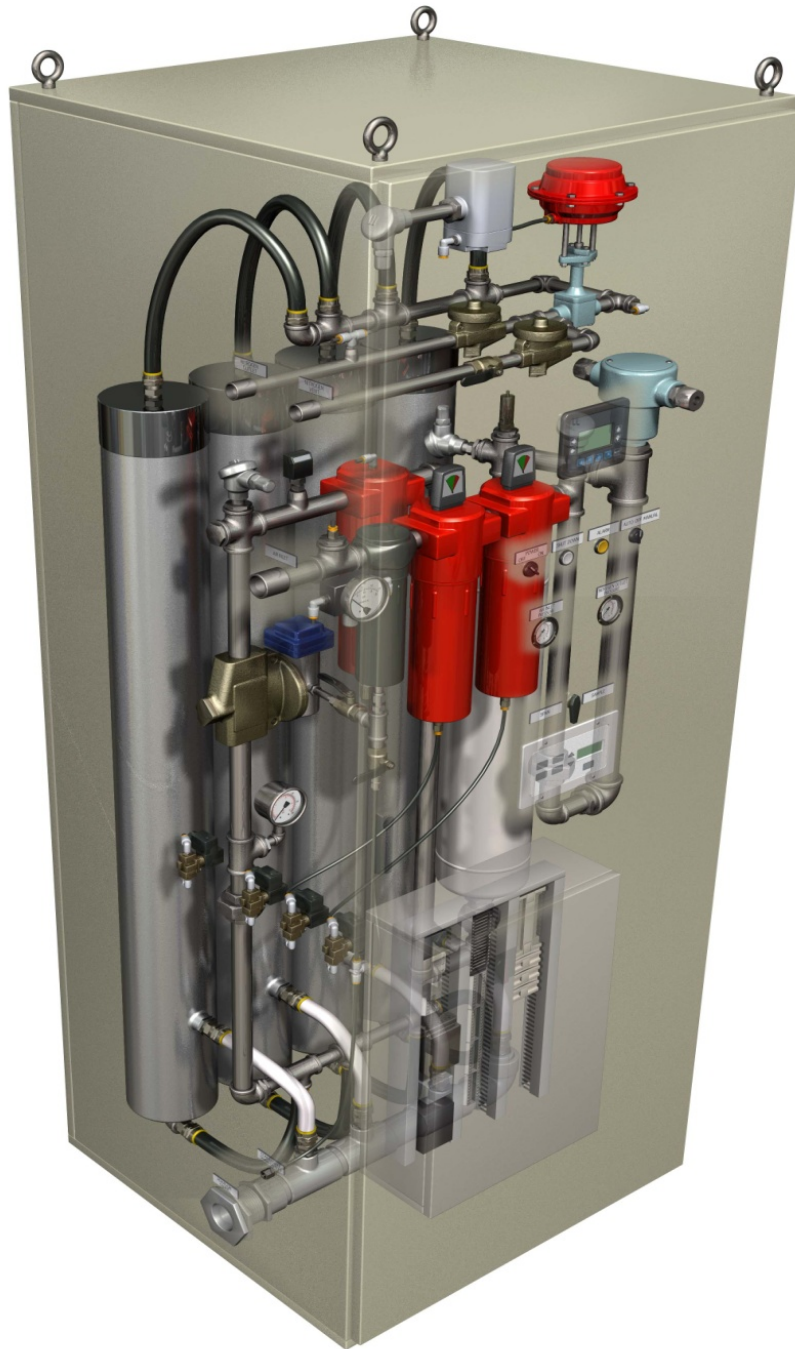


6000 Series Cabinet Systems Nitrogen Membrane Generators



Cabinet Series Nitrogen Generators

IGS is the world leader in the design and fabrication of Nitrogen Generators for the Marine, Oil and Gas, and 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 Cabinet Series Nitrogen Generators are ideal where low to medium Nitrogen flow rates are required in a small footprint. The IGS Cabinet series are designed and fabricated using the patented Generon IGS Hollow Fiber Membranes resulting in IGS's ability to supply higher flows in a reduced Cabinet design. The IGS Cabinet series is available in three common sizes:

6000 Series Single Cabinet

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)	100 psig (6.9 barg)	150 psig (10.3 barg)	200 psig (13.8 barg)	
93 (145)	164 (255)	232 (361)	190 (296)	317 (494)	440 (685)	32" W x 32" D x 87" T 813mm x 813mm x 2210 mm Est. Weight – 900 lbs (410 Kgs.)

6000 Series Dual Cabinet

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)	100 psig (6.9 barg)	150 psig (10.3 barg)	200 psig (13.8 barg)	
186 (290)	328 (469)	463 (722)	380 (592)	634 (987)	880 (1370)	64" W x 32" D x 87" T 1626mm x 813mm x 2210 mm Est. Weight – 2600 lbs (1180 Kgs.)

The 6000 Series as a standard is installed into a NEMA 12 Cabinet and designed for use in a Non-hazardous area classification. The 6000 Series Nitrogen Generator is also available in a NEMA 4X (316 Stainless Steel) Cabinet and can be fabricated for use in a Hazardous Area as an option.

Additional Features include:

- Nitrogen purities up to 99.9%
- Hydrocarbon free
- Nitrogen Dewpoint down to – 70⁰ F (-57⁰ C)
- Optional Dew Point feature of -100⁺⁰ F (-73⁺⁰ C)
- Oxygen Analyzer
- PLC

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