



# INNOVATIVE GAS SYSTEMS

*NITROGEN  
ON DEMAND*

*GENERON® CABINET SERIES NITROGEN GENERATORS*



*SILENT  
AUTOMATED  
OPERATION*

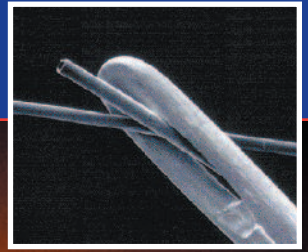
*HIGH  
EFFICIENCY*

*LOWEST COST  
NITROGEN  
SUPPLY*

***From Concept To Completion,  
We Provide Solutions!***



# Generon® Membrane Technology



## TECHNOLOGY

- Highest efficiency membranes on the market
- Long term commitment to R&D at our California module fabrication and research center
- Generon® has over 41 patents for its innovative polymer design
- Systems are designed by our experienced engineering team and assembled in our Houston manufacturing facility
- Generon® maintains a staff of engineers with extensive experience in system design and compression packaging to meet your individual needs



## WHY CHOOSE A GENERON® NITROGEN CABINET SERIES

- Significant savings over bulk liquid or bottled nitrogen
- No safety and material handling issues with high pressure bottles or cryogenic liquids
- Generon® Nitrogen Generator Systems are saving customers money in Oil & Gas, Marine and Industrial Applications Worldwide
- Manufacturing Operations in U.S.A., Italy and China

ISO 9001:2000 Certified

## PERFORMANCE

- Adjustable Purities to 99.9%
- Product Dew Points to -84°F (-64°C)
- Silent Automated Operation
- Proven Design with thousands of systems operating Worldwide



# Generon® Nitrogen Generator Cabinets

*Custom-Designed Systems To Your Exact*

## CABINET SERIES SPECIFICATIONS

System Features	Model Description		
	Mini 4200	Standard 6500	High Capacity 6500
N <sub>2</sub> Capacity 95% Purity @ 200 psig / 13.8 bar(g)	<i>8.5 – 16.9 scfm .24 - .48 Nm<sup>3</sup>/m</i>	<i>17 – 184 scfm .48 – 5 Nm<sup>3</sup>/m</i>	<i>185 – 354 scfm 5 – 10 Nm<sup>3</sup>/m</i>
PLC Control	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
Oxygen Analyzer	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
NEMA 12 Enclosure	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
Auto Vent	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
Moisture Separator	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
Filtration to .01 Micron	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
Air Pre-Heating System	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
Hydrocarbon Scrubbing to 8 ppb	<i>Standard</i>	<i>Standard</i>	<i>Standard</i>
Dimensions	<i>25 x 16 x 48 (in) 635 x 406 x 1219 (mm)</i>	<i>34 x 35 x 89 (in) 864 x 889 x 2260 (mm)</i>	<i>68 x 35 x 89 (in) 1727 x 889 x 2260 (mm)</i>
Weight	<i>400 lbs / 181 kg</i>	<i>1000 lbs / 454 kg</i>	<i>1670 lbs / 757 kg</i>
<b>Optional Features</b>			
<i>Feed Air Compressor Air Receiver Marine Option Stainless Steel Enclosure NEMA 4 Enclosure</i>		<i>Booster Compressor Nitrogen Receiver Standby Mode Stainless Piping and Filtration Class 1 Div II Electrical Rating</i>	
<b>System Configuration</b>			
<i>Generon® Sales and Engineering Personnel are available to provide you Expert Guidance to select the exact System that fits your needs</i>			

# IGS INNOVATIVE GAS SYSTEMS

- ❑ Innovative Gas Systems is a global technology company with operational centers in North America, South America, Europe and Asia.
- ❑ Our products are world class with over 75 patents supporting our innovative technology in Nitrogen/Dehydration membranes. Nitrogen PSA and Oxygen PSA/VPSA.
- ❑ Please visit our website for a review of the complete list of products from IGS or contact one of our local sales associates directly.



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