GENERON[®] Nitrogen Generators Industrial Cabinet Series: CP-6802



Typical Applications

- Gas Assisted Injection Molding (GAIM)
- · Heat Treatment of Ferrous & Non-Ferrous Metals
- Inerting of Flammable Liquids & Gases
- Food Packaging
- · Laser / Plasma Cutting
- · Re-flow and Wave Soldering of PCBs
- Brazing
- Blanketing of Chemical & Pharmaceuticals
- Auto Clave

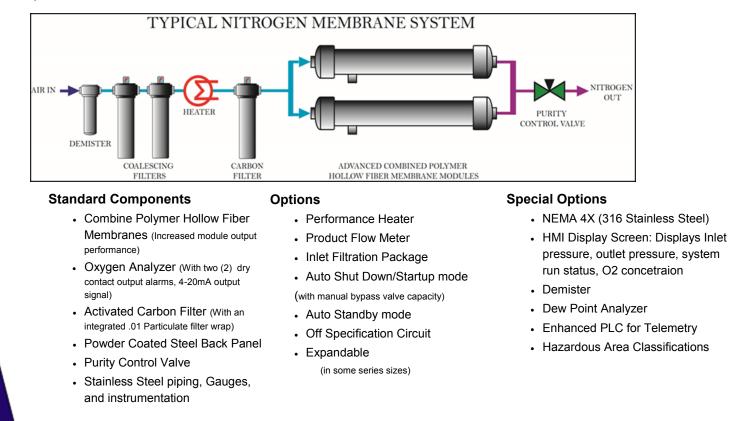
Advantages of Membrane Cabinets

- Low Operating Pressures
- · No Hazardous Storage or Connections
- · Low Gas Generating costs
- Low Operating Cost
- Easy to Install
- Near Maintain Free
- Extremely Low dBa levels
- · Easily Boosted to High pressure

For over 30 years GENERON has been the world leader in the design and fabrication of Nitrogen Generators. In this time period, GENERON has supplied over 9,000 Nitrogen Generators from the cabinet to large containerized systems. These systems require low maintenance and less power to run.

The GENERON NOW Series is designed and fabricated using the patented GENERON[®] Hollow Fiber Membranes. This highly engineered systems enables high flow rates in a small modular design.

The membrane module contains thousands of fibers. Compressed feed air is passed down the bores of the fibers at one end of the module with enriched nitrogen product gas exiting from the opposing end. Oxygen and water vapor are selectively removed and vented from the feed air as it flows to the other end of the module.



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Nitrogen Membrane Cabinet CP-6802 Specifications & Performance								
	100 PSIG Feed Pressure			125 PSIG Feed Pressure				
Nitrogen %	N2 Flow	N2 Pressure	Feed Air Flow	N2 Flow	N2 Pressure	Feed Air Flow		
	SCFH	PSIG	SCFM	SCFH	PSIG	SCFM		
	NM³H	Barg	NM³H	NM³H	Barg	NM³H		
95	4,078	84	138	5,534	107	182		
	108	6	218	146	7	287		
96	3,466	86	127	4,698	109	167		
	91	6	200	124	8	263		
97	2,886	87	116	3,906	111	152		
	76	6	183	103	8	240		
98	2,322	89	105	3,136	113	137		
	61	6	167	83	8	217		
99	1,736	90	95	2,336	115	122		
	46	6	150	62	8	193		
99.5	1,360	91	88	1,826	116	113		
99.0	36	6	140	48	8	178		
Nitrogen Membrane Cabinet CP-6802 Specifications & Performance								
150 PSIG Feed Pressu			ure	175 PSIG Feed Pressure				
	N2 Flow	N2 Pressure	Feed Air Flow	N2 Flow	N2 Pressure	Feed Air Flow		
Nitrogen %	SCFH	PSIG	SCFM	SCFH	PSIG	SCFM		
	NM³H	Barg	NM³H	NM³H	Barg	NM³H		
95	7,044	131	227	8,588	156	273		
90	186	9	359	227	11	432		
96	5,976	134	208	7,282	158	250		
90	158	9	328	192	11	394		
97	4,960	136	189	6,040	160	226		
97	131	9	298	159	11	357		
09		407	170	4,800	162	203		
09	3,978	137	170	1,000				
98	3,978 105	9	268	127	11	320		
98 99	105	9	268	127	11	320		
	105 2,956	9 278	268 75	127 3,588	11 164	320 178		

STD.: 68°F 14.5 PSI Inlet Temperature 75°F Dew Point 38°F or <

Approximate Weight and Dimensions								
Standard	Н	W	L	Weight				
in / Ibs	87	32	32	662				
mm / kg	2,200	800	800	300				

GENERON

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