

# GENERON®

# TRITON<sub>2</sub>®

## Nitrogen Generator 6800 Membrane System with External Filtration

This system features our patented GENERON® 6800-CP Membrane Modules, designed for industrial applications to reach higher efficiency at a lower cost by removing the outer shell that our 6800 Modules typically use. This results in a lighter overall design and more simplified integration with our Quick Connect Manifold system. Maintenance is as easy as removing the side panel and changing out any element. Reliable nitrogen membranes are the heart of a nitrogen generation system.

GENERON® Membrane Modules have been at the forefront of the industry for over 40 years. Our research and development team in California works continuously to improve the performance and durability of our membranes.

After your new product installation, we offer you our best customer service team. The GENERON® Parts and Service department provides maintenance and technical support worldwide and can be reached online or through your GENERON® sales representative.

### Benefits of TRITON<sub>2</sub> Nitrogen Generator:

- Ultra compact design
- Lowest energy consumption of available commercial membrane systems
- Designed for ease of installation and maintenance
- Meets NEC standards

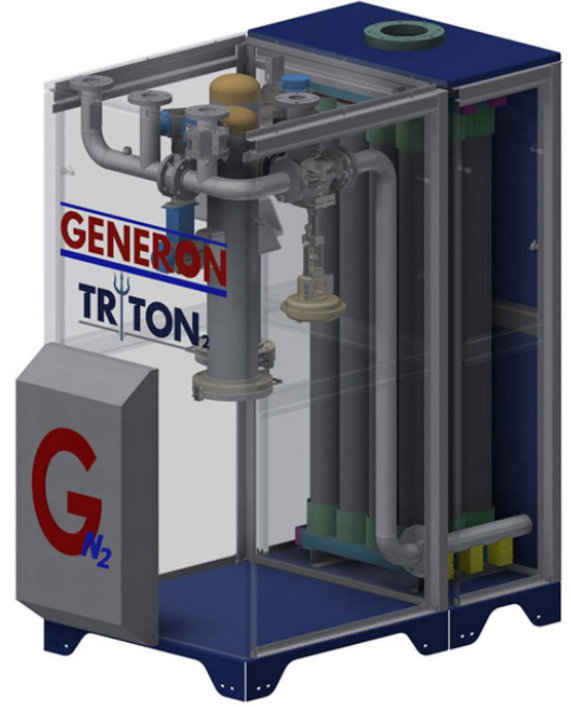


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# GENERON® TRITON<sub>2</sub> - 6800 Membrane System

## Features:

- Able to deliver 2000+ CFM of N<sub>2</sub> at 95% Purity per cabinet
- Integrated Oxygen Analyzer with Zirconium Oxide Sensor
- Oxygen Sensor Calibration Connection Port Available Quick Connect Manifold
- UL® certified electrical panel available
- GENERON® Patented 6800-CP Modules
- Air Sure Multi-Stage Compressed Air Pretreatment System Available
- PLC System with HMI
- Automatic Purity Control Valve Available
- Flanged Off-Spec Air Vent - 3" (DN 75) Available
- Flanged Permeate Port - 8" (DN200) Available



Parameters	Dimensions*:	4" L x 8" H x 4" W
	Weight*:	1,925 lbs
	Power Requirement:	600-800 WATT @ 120 VAC Supply
	Inlet Air Connection:	4" (DN 100) 150 #RF
	N <sub>2</sub> Outlet Connection:	3" (DN 75) 150 #RF

\* without pretreatment  
Note: Weight and Dimensions are nominal

Product Offering Table	Models	Pressure		Nitrogen Flow Rate/Purity			
				95%		99.5%	
		PSIG	BARG	SCFH	NM <sub>3</sub> /H	SCFH	NM <sub>3</sub> /H
6800CP-S	100	6.9	31707-5836	819-1512	10513-19409	273-504	
	175	12	66911-120528	1736-3204	21615-39905	560-1034	
6800CP-D	100	6.9	60975-117072	3337-6408	128675-27056	1575-3024	
	175	12	128675-247056	3386-6500	41567-79810	1077-2069	

Flow and pressure values are averages with tolerances of +/- 3%. Performance data based on 80°F (27°C). Inlet temperature at Membrane module.  
Standard Conditions: 80°F (27°C) and 14.7PSI.  
Custom sizes are available upon request

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