

# GENERON®

# TRITON<sub>2</sub>

## Nitrogen Generator 6150 Membrane Cabinet

This system features our patent pending GENERON® 6150-CP Membrane Modules. These are specially designed for industrial applications to reach higher efficiency at a lower cost by removing the outer shell that our 6150 Modules typically use. This results in a lighter overall design, and simpler integration with our Kwik 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 to continuously improve the performance and durability of our membranes.

After the installation of your new product, 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, smallest footprint available in market
- Lowest energy consumption of available commercial membrane systems
- Designed for ease of installation and maintenance
- Meets NEC standards

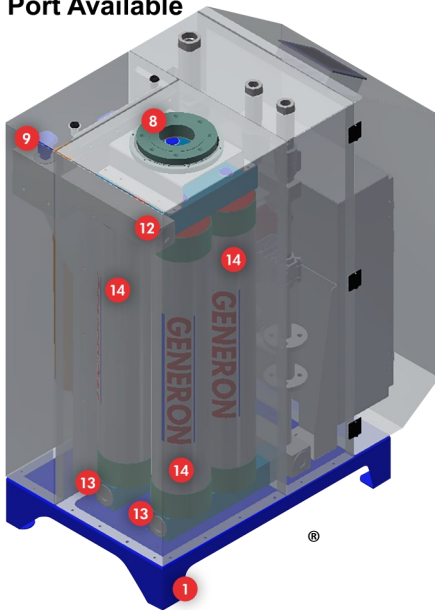
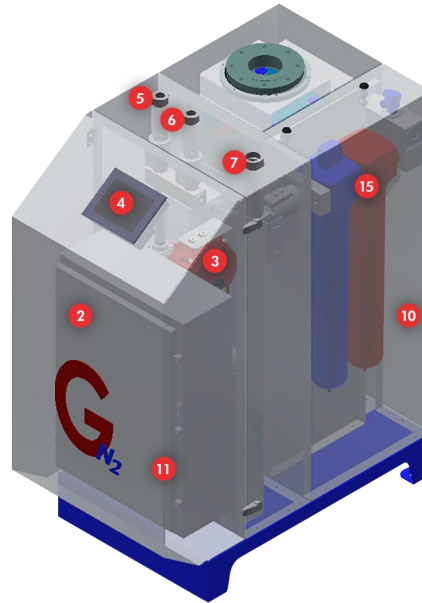
# GENERON

[www.generon.com](http://www.generon.com)

# GENERON® TRITON<sub>2</sub> - 6150 Membrane Cabinet

## Features:

- 1 Space Saving Light Weight Footprint
- 2 Hinged Easy Access Front Panel
- 3 Automatic Purity Control Valve Available
- 4 GENERON SureLink PLC System Available
- 5 N<sub>2</sub> Discharge Port: 1" - 1-1/2" (DN 25-40)
- 6 Off-Spec Air Vent: 1" - 1-1/2" (DN 25-40) Available
- 7 Compressed Air Supply: 1" - 1-1/2" (DN 25-40)
- 8 Permeate Port Available



- 9 Integrated Sensors Available
- 10 Removable Side Panel for Maintenance
- 11 UL® Certified Electrical Panel Available
- 12 Kwik Connect Manifold
- 13 Air Distribution Header
- 14 GENERON Patent Pending 6800-CP Modules
- 15 Air Sure Multi-Stage Compressed Air Pretreatment System Available

6150 MEMBRANE CABINET

Model Size	Inlet Pressures		Nitrogen Purity / Flow Rate							
	PSIG	BARG	95%		96%		97%		99.5%	
			SCFH	NM <sup>3</sup> /H	SCFH	NM <sup>3</sup> /H	SCFH	NM <sup>3</sup> /H	SCFH	NM <sup>3</sup> /H
6151	100 to 175	6.9 to 12	1342-2720	35-70	1129-2285	29-59	930-1879	24-49	427-854	11-22
6152	100 to 175	6.9 to 12	2684-5440	70-140	2258-4570	58-118	1860-3758	48-98	854-1708	22-44
6153	100 to 175	6.9 to 12	4026-8160	105-210	3387-6855	87-177	2629-5637	72-147	1281-2562	33-66
6154	100 to 175	6.9 to 12	5368-10880	140-280	4516-9140	116-236	3720-7516	96-196	1708-3416	44-88
6155	100 to 175	6.9 to 12	6710-13600	175-350	5645-11425	137-295	4650-9395	120-245	2135-4270	55-110
6156	100 to 175	6.9 to 12	8052-16320	210-420	6374-13710	174-354	5258-10625	145-294	2562-5124	66-132
6157	100 to 175	6.9 to 12	9394-19040	229-490	7903-15995	192-413	6510-13153	159-343	2989-5978	77-154
6158	100 to 175	6.9 to 12	10736-21760	280-560	9032-18280	232-472	7440-15032	193-392	3416-6832	88-176

\*Flow and pressure values are averages with tolerances of ±4%. Performance data based on 40°F (4.4°C) pressure dew point and 80°F (27°C) inlet at membrane. Standard conditions: 68°F(20°C) and 14.696 PSI (1 atm).

FOOT PRINT: 39"-54" L x 25" W x 56" H, WEIGHT: 815 - 1365 lbs

# GENERON

**GENERON USA**  
 16250 Tomball Parkway  
 Houston, Texas 77086  
 O - +1 .713. 937.5200  
 F - +1 .713. 937.5250  
[www.generon.com](http://www.generon.com)

