

GENERON

High Purity Nitrogen Generator Marine PSA System *Purities up to 99.999%*



Marine PSA Advantages

Designed for minimal footprint requirements, **space savings of 37%**.

Applications include FNLG, FPSOs, Platforms & anywhere high purity nitrogen is needed.

Designed for minimal height requirements, **space savings of 30%**.

Marine PSA

GENERON'S® Nitrogen Marine PSA Generators are engineered and designed to meet the stringent demands of the Oil & Gas Markets. The Nitrogen Marine PSA process consists of multiple individual Twin Tower Adsorber Vessels operating on alternating cycles. By utilizing this Marine operation of the individual PSAs, the requirement of large buffer tanks is eliminated from the process.

Space Requirements		
GENERON® Marine PSA producing 6,600 SCFH @ 99.9%	8' X 8' X 8'	Without the need of large buffer tanks, there is a 37% reduction in footprint.
Equivalent Standard PSA	17' X 6' X 12'	More height and length required

GENERON® Marine PSA System Capabilities	
Purities	From 95% up to 99.999%
Input Pressures	Up to 150 PSIG (10.3 bar g)
Product Flows	Up to 374,550 SCFH (9,850 Nm ³ /hr)
Product Pressures	Up to 120 PSIG (8.3 bar g)

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