

NITROGEN GENERATOR SYSTEM

Marine PSA Nitrogen Generator Purity 99.9%

ISO9001 Supplier

Class Certificate

Export Supply

1. Nitrogen system takes natural air as the raw material and adopts the international leading energy-saving design technology to ensure that the highest nitrogen yield is obtained with the lowest raw air. The whole ma...



Key Highlights

Category	Nitrogen Generator System
Standard	DIN
Material	Nitrogen system takes natural air as the raw material and adopts the int...
Weight / Size	Advanced absorber design, completely out of the traditional concept of "...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Nitrogen Generator System	Model / SKU	Marine-PSA-Nitrogen-Generator-Purity-99-9
Standard	DIN	Material	Nitrogen system takes natural air as the raw material and adopts the international leading energy-saving design technology to ensure that the highest nitrogen yield is obtained with the lowest raw air.
Weight / Size	Advanced absorber design, completely out of the traditional concept of "ratio" design, size and size based on the molecular structure of the air flow and characteristics of sieve absorber.	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

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China Marine PSA Nitrogen Generator Purity 99.9%:

1. Nitrogen system takes natural air as the raw material and adopts the international leading energy-saving design technology to ensure that the highest nitrogen yield is obtained with the lowest raw air. The whole machine consumes less electricity and the cost of environmental protection is low.
2. Advanced absorber design, completely out of the traditional concept of "ratio" design, size and size based on the molecular structure of the air flow and characteristics of sieve absorber.
3. Unique design of air distributor, to prevent the short circuit of the air flow channeling, the airflow in the adsorption bed of the flow is more uniform, thereby improving the utilization of adsorbent.
4. Automatic pressing cylinder device and air inlet mode characteristic, make the airflow direction in the absorber is always the same, avoid the adsorbent fatigue in the frequent switching cycle of wear, effectively ensure the adsorbent for up to 10 years of life.
- 5.Unique adsorbent inertia force gradient, the loading density of adsorbent loading more tightly, prevent peristalsis and pulverization of adsorbent, the adsorption efficiency is better, to further ensure and lengthen the life span of the adsorbent.
6. Intelligent fully automatic control, simple operation, easy to open and stop, no need for special duty.
7. The high-purity nitrogen gas is prepared by one-step process. The high-purity nitrogen gas with purity of 99.9995% can be directly prepared without purification unit. The equipment has low operation cost, low investment and high performance price ratio.



Marine PSA Nitrogen Generator Purity 99.9% Main Specification

Model	Output (m3/h)	Gas consumption(m3/h)	Air inlet(DN mm)	N2 inlet(DN mm)
JBN5-39	5	23	15	15
JBN10-39	10	45	25	15
JBN20-39	20	90	25	15
JBN30-39	30	135	25	15
JBN40-39	40	180	25	20
JBN50-39	50	230	32	20
JBN60-39	60	270	32	25
JBN80-39	80	360	32	25
JBN100-39	100	450	40	25
JBN120-39	120	540	50	25
JBN150-39	150	690	50	32
JBN200-39	200	900	65	32
JBN250-39	250	1130	65	32
JBN300-39	300	1350	80	40
JBN400-39	400	1800	80	40
JBN500-39	500	2250	80	50
JBN600-39	600	2700	100	50
JBN800-39	800	3600	125	65
JBN1000-39	1000	4500	150	80
JBN1500-39	1500	6750	150	80
JBN2000-39	2000	9000	200	100