NITROGEN GENERATOR SYSTEM

Marine PSA Nitrogen Generator Purity 99.9995%

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 machi...



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.

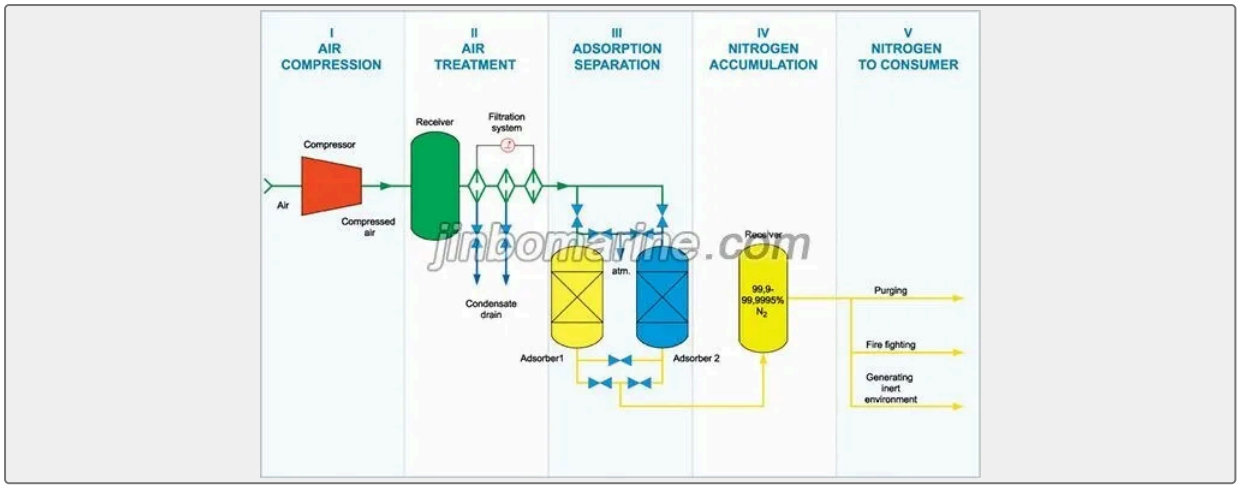
Technical Specifications			
Category	Nitrogen Generator System	**Model / SKU**	Marine-PSA-Nitrogen-Generator-Purity-99-9995
Standard	DIN	**Material**	Nitrogen system takes natural air as the raw material and adopts the international leading energy-saving design technology to ensure that the highest nitrogen 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 99.9995%:

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.



Equipment features

1.Nitrogen production is convenient and quick:
Advanced technology, unique air distributor, so that the distribution of airflow more evenly, efficient use of carbon molecular sieve, 20 minutes or so to provide qualified nitrogen.
2. Easy to use:
The utility model has the advantages of compact structure, integral skid, small occupation area, no capital construction investment and little investment, and the nitrogen can be obtained only by connecting the power supply on the spot.
3.More economical:
PSA process is a simple method of nitrogen production. With air as the raw material, the energy consumption is only the energy consumed by the air compressor. It has the advantages of low operating cost, low energy consumption and high efficiency.
4.Mechanical and electrical integration design to achieve automatic operation:
Imported PLC control, fully automatic operation, nitrogen flow, pressure, purity, adjustable and continuous display, can be unattended.

Marine PSA Nitrogen Generator Purity 99.9995% Main Specification

Model	Output (m3/h)	Gas consumption(m3/h)	Air inlet(DN mm)	N2 inlet(DN mm)
JBN10-595	10	33	15	15
JBN20-595	20	66	15	15
JBN30-595	30	100	25	15
JBN40-595	40	132	25	20
JBN50-595	50	165	25	20
JBN80-595	80	265	32	25
JBN100-595	100	330	40	25
JBN150-595	150	495	50	32
JBN200-595	200	660	50	32
JBN250-595	250	825	50	40
JBN300-595	300	990	65	40
JBN400-595	400	1320	65	40

JBN500-595	500	1650	80	50
JBN600-595	600	1980	80	50
JBN800-595	800	2640	100	65
JBN1000-595	1000	3300	125	80
JBN1500-595	1200	4950	150	80
JBN2000-595	2000	6600	150	100
JBN2500-595	2500	8250	200	100
JBN3000-595	3000	9900	200	125