

99.9% Purity 200 Nm³/H Membrane Nitrogen Plant with Hollow Fiber Polymer Membrane Modular Nitrogen Generator

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: FLY SPEED
- Certification: CE, ISO 9001:2015
- Model Number: FS-MB-200
- Minimum Order Quantity: 1 Set
- Price: USD 16,000-52,000 / Set
- Packaging Details: Export wooden case with PE film protection, sea-worthy packing
- Delivery Time: 35-45 working days
- Payment Terms: T/T,L/C
- Supply Ability: 10 Sets per Month



Product Specification

- Membrane Type: Hollow Fiber Polymer
- Control System: PLC + Online Purity Monitor
- Capacity: 200 Nm³/H (2 X 100 Banks)
- Nitrogen Outlet Pressure: 0.1 - 1.2 MPa
- Voltage: 220V/380V/440V 50/60Hz
- Air Source Pressure: 0.8 - 1.3 MPa
- Highlight: **200 Nm³/H Membrane Nitrogen Plant, China Factory Membrane Generator, 99.9% Purity Modular Gas System**

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Product Description

Membrane Nitrogen Plant China Manufacturer 99.9% Purity Modular Nitrogen Generator 200 Nm3/H

Scale up on-site nitrogen production with the **Membrane Separation Modular Nitrogen Generator** from a professional **China manufacturer**. This **200 Nm3/H** modular nitrogen plant delivers **99.9%** purity via dual membrane banks, offering low energy consumption, minimal maintenance and factory-direct supply for industrial gas users.

Product Attributes

Attribute	Value
Brand Name	Fly Speed
Model Number	FS-MB-200
Technology	Membrane Separation
Capacity	200 Nm3/H (Dual Bank)
Nitrogen Purity	99.9%
HS CODE	8419609090

Core Features & Advantages

Dual Membrane Bank Design: Two membrane banks operate in parallel for 200 Nm3/H with redundancy.

Low Energy Consumption: Membrane technology offers efficient nitrogen production per Nm3.

China Factory Direct: Direct manufacturer sourcing with transparent wholesale pricing.

99.9% Consistent Purity: Stable output monitored by online oxygen analyzer.

Scalable to 500+ Nm3/H: Add membrane banks to build a central nitrogen station.

Minimal Maintenance: No adsorbent, no moving parts - only periodic filter element changes.

Technical Specifications

Parameter	Value
Nitrogen Capacity	200 Nm3/H (2 x 100 banks)
Nitrogen Purity	99.9% (O2 ≤ 1000 ppm)
Pressure Dew Point	≤ -45°C
Air Source Pressure	0.8 - 1.3 MPa
Nitrogen Outlet Pressure	0.1 - 1.2 MPa (adjustable)
Voltage	220V / 380V / 440V, 50/60Hz
Membrane Type	Hollow Fiber Polymer
Control System	PLC + Online Purity Monitor
Scalability	Up to 500+ Nm3/H

Applications

Suitable for industrial parks, food processing plants, chemical facilities, electronics factories and marine applications requiring reliable bulk nitrogen.

Frequently Asked Questions

Q: How is nitrogen purity maintained?

A: An online oxygen analyzer continuously monitors output purity with automatic alarm.

Q: What maintenance is required?

A: Minimal - mainly filter element replacement; no adsorbent or moving parts to service.

Request a quote now! Fly Speed supplies membrane separation nitrogen plants with 99.9% purity from our China factory.



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