

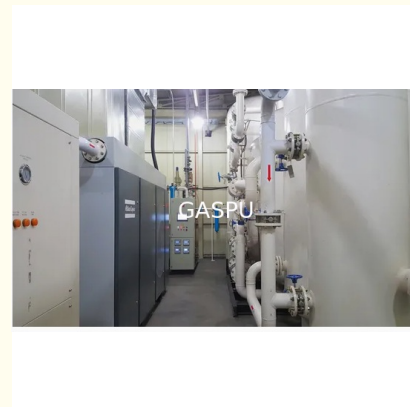


Energy Saving Food Grade PSA Nitrogen Generator with 200 Nm³/h Flow Rate for Packaging Industry

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ECER
- Certification: ISO 9001:2015, CE
- Model Number: PSA-N2-200FP
- Minimum Order Quantity: 1 Set
- Price: USD 55,000-85,000 / Set
- Packaging Details: Export-grade seaworthy packing with shock-proof reinforcement
- Delivery Time: 25-40 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 20 Sets per Month



Product Specification

- Control System: PLC Automatic Control
- Nitrogen Flow Rate: 200 Nm³/h
- Nitrogen Purity: 99.9% (Food Grade)
- Working Pressure: 0.6-1.0 MPa
- Power Supply: 380V/50Hz
- Pressure Dew Point: -45°C
- Highlight: **High Purity Food Grade N₂,
Energy Saving N₂ Generator,
Food Packaging Industry Solution**

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Product Description

High Purity Energy Saving PSA Nitrogen Generator Food Preservation for Packaging Industry

Energy Saving Food Preservation High Purity Nitrogen Generator for Packaging Industry

Energy Saving | Food Preservation | High Purity | Packaging Industry

This PSA-N2-200FP is an **energy saving PSA nitrogen generator** delivering **high purity food-grade nitrogen (99.9%)** for the packaging industry. It supports food preservation through modified atmosphere packaging (MAP) - displacing oxygen to extend shelf life, preserve freshness, color and flavor - while consuming minimal energy per Nm³ of nitrogen produced.

Key Selling Points

Energy Saving Design: High-efficiency carbon molecular sieve and optimized adsorption cycle reduce power consumption by up to 30%.

Food Preservation: High purity nitrogen for MAP packaging extends shelf life of snacks, fresh produce, meat, dairy and baked goods.

High Purity Output: Stable 99.9% food-grade nitrogen, dry and oil-free, safe for direct food contact packaging.

Packaging Industry Focus: Flow rate 200 Nm³/h matched to packaging line consumption for continuous, uninterrupted operation.

Cost Effective: On-site generation cuts nitrogen cost versus cylinder or liquid nitrogen supply.

Reliable Operation: PLC automatic control, purity monitoring and low maintenance design.

Technical Specifications

Parameter	Value
Model	PSA-N2-200FP
Nitrogen Purity	99.9% (Food Grade)
Nitrogen Flow Rate	200 Nm ³ /h
Pressure Dew Point	-45°C
Working Pressure	0.6-1.0 MPa
Application	Food Packaging Industry

Contact us today for an energy saving food preservation nitrogen generator for your packaging line.



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