

Food Grade High Purity PSA Nitrogen Generator 10 Nm³/H for Beer Brewing

Our Product Introduction

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Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: FLY SPEED
- Certification: CE, ISO 9001:2015, Food Grade
- Model Number: FS-N2-10BR
- Minimum Order Quantity: 1 Set
- Price: USD 8,000-25,000 / Set
- Packaging Details: Export wooden case with PE film protection, sea-worthy packing
- Delivery Time: 30-40 working days
- Payment Terms: T/T, L/C
- Supply Ability: 15 Sets per Month

& Components > Gas Generation Equipment & Parts > Nitrogen Genera



Product Specification

- Nitrogen Purity: 99.99% (Food Grade)
- Flow Rate: 10 Nm³/H
- Pressure Dew Point: ≤ -45 Deg C
- Air Source Pressure: 0.75 - 1.0 MPa
- Nitrogen Outlet Pressure: 0.1 - 0.6 MPa
- Voltage: 220V/380V/440V 50/60Hz
- Adsorbent: Food Grade Carbon Molecular Sieve
- Control System: PLC + Touch Screen HMI
- Noise Level: ≤ 70 DB(A)
- Warranty: 1 Year
- HS CODE: 8419609090
- Highlight: **Beer Brewing N₂ Generator,
Food Grade 99.99% Nitrogen,
10 Nm³/H Compact PSA Unit**

Product Description

Food Grade High Purity PSA Nitrogen Generator for Beer Brewing

The **Food Grade High Purity PSA Nitrogen Generator** is specially designed for the beer and beverage industry. With a flow rate of **10 Nm³/H** and **99.99%** food-grade nitrogen purity, this compact PSA nitrogen generator supports beer tank blanketing, keg purging and dissolved nitrogen applications with consistent gas quality.

Product Attributes

Attribute	Value
Brand Name	Fly Speed
Model Number	FS-N2-10BR
Flow Rate	10 Nm ³ /H
Nitrogen Purity	99.99% Food Grade
Industry	Beer & Beverage
HS CODE	8419609090

Core Features & Advantages

Food Grade Purity: 99.99% nitrogen with certified food-grade gas quality, safe for beverage contact applications.

Beer Industry Optimized: Ideal for bright beer tank blanketing, keg purging, and nitrogen-stout dispensing systems.

Compact 10 Nm³/H Design: Small footprint fits breweries, craft beer labs and pilot plants.

Stable Flow & Pressure: Consistent nitrogen delivery protects beer quality and extends shelf life.

Simple Operation: PLC-controlled automatic cycling with touch-screen monitoring.

Low Operating Cost: On-site generation replaces nitrogen cylinders with lower cost per Nm³.

Technical Specifications

Parameter	Value
Nitrogen Flow Rate	10 Nm ³ /H
Nitrogen Purity	99.99% (Food Grade)
Pressure Dew Point	≤ -45°C
Air Source Pressure	0.75 - 1.0 MPa
Nitrogen Outlet Pressure	0.1 - 0.6 MPa (adjustable)
Voltage	220V / 380V / 440V, 50/60Hz
Adsorbent	Food Grade Carbon Molecular Sieve
Control System	PLC + Touch Screen HMI
Noise Level	≤ 70 dB(A)

Applications

Perfect for craft breweries, large breweries, beverage plants, beer bars and nitro stout dispensing systems requiring food-grade nitrogen on-site.

FAQ

Q: Is the nitrogen safe for beer contact?

A: Yes. The generator produces 99.99% food-grade nitrogen with certified quality suitable for beverage blanketing and dispensing.

Q: Can it supply a nitro stout tap system?

A: Absolutely. With 10 Nm³/H flow and adjustable pressure, it supports nitrogen-dispensed stouts and craft beer systems.

Contact us today! Fly Speed supplies food grade high purity PSA nitrogen generators for breweries with fast delivery and expert support.



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