

Explosion Proof Instrument Air Skid with VFD Energy Saving 200 SCFM for Hazardous Areas

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: ATEX, IECEX, CE, ISO 9001
- Model Number: EIA-200V
- Minimum Order Quantity: 1 Set
- Price: USD 70000-220000 / Set
- Packaging Details: Export wooden case with waterproof lining and foam protection
- Delivery Time: 100 working days
- Payment Terms: T/T,L/C
- Supply Ability: 5 Sets per Month



Product Specification

- Power Supply: 380V/50Hz Or 460V/60Hz
- Pressure Dew Point: -40 Deg F
- Drive Type: VFD Variable Frequency Drive
- Working Pressure: 100-145 Psig
- Instrument Air Flow: 200 SCFM
- Energy Saving: Up To 35% Vs Fixed Speed
- Highlight: **VFD Energy Saving Instrument Air Skid, Variable Speed Explosion Proof Air Package, ATEX Zone 1 Dry Air System**

Product Description

Explosion Proof Instrument Air Skid VFD Energy Saving Package 200SCFM ATEX Zone 1 - 40°F

This explosion proof instrument air skid integrates variable frequency drive technology for energy saving operation, delivering 200 SCFM of clean dry instrument air at -40°F pressure dew point. Designed for hazardous areas in gas plants, refineries and chemical facilities where energy efficiency is a priority.

Energy Saving Explosion Proof Design

VFD driven compressor: Variable speed control matches air demand, saving up to 35% energy

ATEX/IECEX certified: Ex d enclosures for Zone 1 and Zone 2 hazardous areas

Intelligent purge control: Dew point demand based regeneration reduces purge loss

Compact skid layout: Integrated compressor, dryer and filtration on single frame

Remote telemetry: Hazardous area certified monitoring for plant DCS

Technical Specifications

Instrument Air Flow	200 SCFM
Pressure Dew Point	-40°F
Working Pressure	100-145 psig
Hazardous Area Rating	ATEX/IECEX Zone 1, Zone 2
Drive Type	VFD variable frequency drive
Energy Saving	Up to 35% vs fixed speed
Control System	Explosion proof PLC with VFD interface
Power Supply	380V/50Hz or 460V/60Hz

Applications

Natural gas processing plants, refineries, chemical facilities, power plants and pipelines in hazardous areas requiring energy efficient explosion proof instrument air.

Customized capacity available. Contact us for a free energy saving assessment.



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