

Explosion Proof Instrument Air Skid with Dual Circuit Redundancy and 800 SCFM Capacity for Hazardous Areas

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: ATEX, IECEx, CE, ISO 9001
- Model Number: EIA-800D
- Minimum Order Quantity: 1 Set
- Price: USD 150000-500000 / Set
- Packaging Details: Export wooden case with waterproof lining and foam protection
- Delivery Time: 130 working days
- Payment Terms: T/T,L/C
- Supply Ability: 3 Sets per Month



Product Specification

- Power Supply: 380V/50Hz Or 460V/60Hz
- Pressure Dew Point: -40 Deg F
- Working Pressure: 100-150 Psig
- Total Air Flow: 800 SCFM (2 X 400 SCFM)
- Redundancy Type: Dual Train With Automatic Changeover
- Control System: Redundant PLC With Safety Interlock
- Highlight: **Dual Circuit Redundant Air Skid,
800SCFM Explosion Proof Air Package,
ATEX Zone 2 Redundant Air System**

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Product Description

Explosion Proof Instrument Air Skid - Dual Circuit Redundant Package 800SCFM ATEX Zone 2

This explosion proof instrument air skid provides dual circuit redundancy with 800 SCFM total capacity for critical hazardous area installations. Two independent air trains with automatic changeover guarantee uninterrupted instrument air supply for safety critical processes.

Redundant System Design

Dual circuit redundancy: two independent compressor and dryer trains, 400 SCFM each

Automatic changeover: seamless switchover maintains continuous air supply

ATEX Zone 2 certified: Ex nA and Ex pz rated components for reduced risk areas

Independent isolation: each train serviceable without plant shutdown

Safety interlock: low pressure alarm and standby auto-start logic

Technical Specifications

Total Instrument Air Flow	800 SCFM (2 x 400 SCFM)
Pressure Dew Point	-40 deg F
Working Pressure	100-150 psig
Hazardous Area Rating	ATEX/IECEx Zone 2
Redundancy	Dual train with automatic changeover
Control System	Redundant PLC with safety interlock
Skid Size	Dual bay layout, transportable in sections
Power Supply	380V/50Hz or 460V/60Hz

Applications

Safety critical processes in petrochemical plants, LNG facilities, gas compressor stations and refineries requiring redundant explosion proof instrument air with zero downtime.

Ask our engineers for a dual circuit explosion proof instrument air skid tailored to your reliability requirements.



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