

110V Heatless Regeneration Instrument Air Dryer System ASME Standard

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE
- Model Number: KXD
- Minimum Order Quantity: 1set
- Price: Negotiate
- Packaging Details: Plywood or other type
- Delivery Time: 75work days
- Payment Terms: T/T
- Supply Ability: 4set/month



Product Specification

- Material: CS Or SS
- Standard: GB150/ASME
- Capacity: 1-85m3/min
- Dew Point: Below-40
- Process: Heatless
- Power: 110-230V 50Hz 0.2kw
- Color: Customizable
- Work Pressure: 5-13barg
- Highlight: 110V instrument air dryer system,
Heatless Regeneration instrument air dryer
system
, regeneration air dryer



More Images



Product Description

Heatless regeneration type, only requires control power, low dew point heatless regeneration air dryer

The heatless regeneration adsorption dryer is a device that uses the principle of pressure swing adsorption to dry compressed air. It mainly adsorbs water from compressed air by filling with adsorbents such as alumina or molecular sieves with high water absorption, thereby achieving the purpose of drying. In this process, the heat free regeneration adsorption dryer does not require an external heat source. Instead, it reduces the pressure of the adsorbent bed to allow the water adsorbed on the adsorbent to desorb, achieving the regeneration of the adsorbent.

Technical characteristics

1. Energy saving: Due to that the heatless regeneration adsorption dryer does not require an external heat source, its energy consumption is lower compared to dryers that require heating regeneration.
2. Environmental protection: The heat free regeneration adsorption dryer does not produce any pollutants during the drying process and meets environmental protection requirements.
3. Stable outlet dew point: The heatless regeneration adsorption dryer can dry compressed air to a dew point of -40 to -70 , meeting the needs of various industrial applications.
4. Easy to maintain: The structure of the heat free regeneration adsorption dryer is relatively simple, making maintenance more convenient.
5. Wide application areas: Heatless regeneration adsorption dryers are widely used in industrial fields that require compressed air drying, such as electronics, food, chemical, and medicine.

matters needing attention

The equipment should be installed in a well-ventilated, dry and clean environment.

Regular maintenance and upkeep of equipment, including replacing adsorbents, clean or replacing filters, etc.

Operate and use according to equipment requirements to avoid equipment damage or safety accidents caused by mis operation or overload operation.

Regularly inspect the export dew point of the equipment to ensure that it meets the requirements of industrial applications.

GASPU can provide heatless regeneration dryers with a production capacity of 1-85m³/min and a dew point between -40 and -70 . The standard pressure vessel for conventional products is GB150/ASME, and various customized designs can be made according to the actual needs of users.



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