

## Dual Tower Heated Regenerative Desiccant Air Dryer Dew Point -20C - 40C

Our Product Introduction

### Basic Information

- Place of Origin: SUZHOU, CHINA
- Brand Name: SUMAIRUI GAS
- Certification: ISO9001, CE, BV, SGS, TUV, ASME, GOST,NB,NR ETC
- Model Number: OSD-P
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Exporting wooden case /Film packing
- Delivery Time: 15-25 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 100 sets/months



### Product Specification

- Maximum Inlet Air Temperature: 45
- Pressure: 0.5-1.6 Mpa
- Dew Point: Available Customized
- Material: Carbon Steel/Stainless Steel
- Regeneration Gas Consumption:  $\leq 14\%$
- Power Supply: 110-230 V Available
- Cycle: 10 Min
- Pressure Loss: 0.5 Bar
- Certificates: CE/ASME/ISO
- Other Request: Available Customized
- Air FlowRate: 1000-3000CFM
- AirInlet Temperature:  $\leq 45$
- Air Quality: Class 1
- Control Mode: PLC

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**Product Description****-20C -40C Dew Point Industrial Regenerative Low Dew Point Externally Heated Regenerative Adsorption Air Dryer****Heatless Desiccant Air Dryer****Working condition and technical data**

Maximum inlet air temperature:45  
 Pressure range:0.5-1.0Mpa  
 Pressure dew point:-20 ~ -40  
 Inlet oil content:≤0.1PPm  
 Regeneration gas consumption:≤14%  
 Control mode: microcomputer automatic control / PLC control  
 Power Supply:AC 220V/50HZ  
 cycle:T=10(min)  
 Design condition: inlet temperature: 38  
 Ambient temperature: 38  
 Working pressure: 0.7MPa  
 Pressure loss: ≤ 3% of design pressure

**Features:**

- 10 minutes cycle in the desiccant dryers.
- The pressure dew point of the desiccant dryers can reach - 20 to - 40 ;
- Regeneration gas consumption ≤ 14%;
- High-quality switching valve in the stable and reliable, can ensure the integrity of the working process, prolong the working life of components;
- The activated alumina with high hygroscopicity is selected in the Heatless Desiccant Air Dryer, with uniform shape and size, high strength, high dew point, less dust, and long service life;
- The amount of regeneration gas can be adjusted according to the operation load demand of the equipment to achieve energy-saving effect;
- Special airflow diffusion device and automatic regeneration in the desiccant dryers, ensure the service life of desiccant;
- Programmable microcomputer controller, adsorption, regeneration working time can be adjusted to achieve your satisfactory dew point value.

Note: other special requirements are welcome to customize.

**2.Operating Conditions**

Inlet temperature:≤38  
 Ambient temperature:1-45  
 Standard Working Pressure:0.7Mpa  
 Power:AC220V/1P/50Hz/60Hz  
 Standard Configuration  
 PDP:-40  
 Adsorbent life:3 years  
 Valve with Stainless Steel Core  
 PLC Control  
 Optional Configuration  
 PDP:-70  
 Dew point display and energy saving module  
 Communication telex function  
 High temperature and high pressure intake  
 Galvanized or stainless steel pipe  
 Tower insulation



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