

Regenerative Desiccant Dryer

This desiccant dryer uses a regenerative process to improve absorbent capacity and lower energy consumption. It is suitable for chemical processing, compressed air systems, and other applications needing dry air or gas.



Zhejiang QINGFENG Refrigeration

Product Overview

Industrial Regenerative Desiccant Dryer

This regenerative desiccant dryer is designed for efficient moisture removal in demanding industrial compressed air and gas systems. It features a dual-tower configuration to ensure continuous air supply and advanced thermostatic control to optimize regeneration gas temperature. Equipped with a user-friendly PLC interface and external heating technology, it provides reliable performance, extended absorbent life, and consistent low dew points.

Control System

System Control Capabilities

- Electric PLC with human-machine interface
- Automatic continuous monitoring of tower status
- Thermostatic control for regeneration gas
- Overheat prevention for absorbent material

Operational Design

Key Design Features

Dual Tower System, External Electric Heater, Continuous Air Supply, High-Reliability Pneumatic Valves

Flow Protection

Advanced shifting mechanism prevents adsorption tower occlusion and protects absorbent from instant airflow impact.

Performance

Performance Indicators

1 Optimized

Dew Point Efficiency