Compressed Air Refrigeration Dryer

This compressed air dryer utilizes a refrigeration cycle to cool compressed air, condensing and separating water vapor. It features a shell and tube heat exchanger and an integrated control panel.

Product Overview

Industrial Refrigeration Air Dryer

This high-performance refrigeration dryer utilizes advanced dehumidifying technology to remove moisture from compressed air systems efficiently. By cooling the air to a pressure dew point of 2-10 degrees Celsius, it effectively condenses water vapor for automated removal via integrated drainage systems. It provides a reliable solution for maintaining dry, clean air essential for pneumatic tools, sensitive instrumentation, and complex industrial process equipment.

Technical Metrics

Pressure Dew Point

2 °C	10 °C
Min Dew Point	Max Dew Point

Core Features

- Refrigeration-based dehumidification
- Automated water drainage system
- High-efficiency air-water separation
- Integrated digital control interface

Certifications & Standards

Applications	Pneumatic Tools, Process Instrumentation, Industrial Air Systems