

# 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**

Min Dew Point

**10 °C**

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