

# Combined Refrigeration and Adsorption Air Dryer

This combined system removes moisture from compressed air using refrigeration and adsorption technologies. It achieves a low dew point, making it suitable for sensitive manufacturing processes and pneumatic tools.



## Overview

### Combined Refrigeration and Adsorption Technology

This combined air dryer integrates refrigeration and adsorption technologies to achieve exceptionally low dew points with minimal energy consumption. Its compact design facilitates easy installation and operation while offering significant maintenance savings through extended service life. The system features automated control via a single-chip microcomputer and utilizes advanced airflow distribution to ensure consistent performance.

## Performance & Technology

### Operational Efficiency

**3 x**

Service Life Multiplier

### Regeneration Methods

Electric Heating, Natural Heating

## Design & Compliance

### Compliance & Standards

ISO 9001 • Industry Standard Compliant

### Key Design Features

- Compact integrated structure
- Automated single-chip microcomputer control
- Gaseous diffusion device for even airflow
- Regeneration and isopressing procedures
- Easy maintenance pipe design