

Air Source Heat Pump Drying System

This air source heat pump dryer uses a compressor with an air-supplying enthalpy-adding device, ensuring effective operation even at -30 . The air heater provides high heating capacity, and the heating tape in the evaporator enhances defrosting in low-temperature environments.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Drying Solution

This Air Source Heat Pump Drying System utilizes the principle of the reverse Carnot cycle to absorb heat from ambient air, transferring it efficiently to the drying chamber. Designed for industrial and agricultural applications, the system ensures consistent, high-quality results through precise temperature and humidity management. By minimizing energy consumption compared to traditional drying methods, it offers a sustainable and robust solution for temperature-sensitive materials.

Performance Metrics

Maximum Outlet Temperature	60 °C
Water Volume Increase	45 %

Key Features

System Capabilities

- Automatic heating based on setpoint
- Short heating time for rapid supply
- Extended operation for high-demand scenarios
- Precise temperature and humidity control
- Low global warming potential refrigerant

Compliance & Standards

Certifications	EU, CNAS, Multilateral Recognition Arrangement
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