

Water-Cooled High-Temperature Freeze Dryer

This water-cooled, high-temperature freeze dryer is designed for industrial applications needing precise temperature control and efficient drying. The unit uses a refrigeration system and water-cooling to maintain consistent low temperatures while processing various materials.



Zhejiang QINGFENG Refrigeration

Product Overview

High-Performance Industrial Drying Solution

The Water-Cooled High-Temperature Freeze Dryer is engineered for industrial applications requiring precise moisture control and efficient drying. This unit utilizes a robust refrigeration system paired with an effective water-cooling mechanism to maintain consistent performance even under demanding conditions. Its design supports high air entrance temperatures, making it a versatile choice for pharmaceutical, food processing, and chemical industries.

Operating Parameters

Pressure Dew Point	5 C
Atmospheric Dew Point	-17 ~ -23

Running Conditions

Running Pressure

0.7 Mpa

Standard

0.4 Mpa

Minimum

1 Mpa

Maximum

Temperature Constraints

Parameter	Limit
Air Entrance Temp	d 8C
Ambient Temp	d 4C

Cooling System

Cooling Water Requirements

- Supply Temperature: d 35C
- Running Pressure: 0.25~0.4Mpa
- Flow Rate: 0.157t/h