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ICS 27.200
CCS J73

JB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15212-2025

Natural Cooling Air-Cooled Chillers for Data Centers and Communication Equipment Rooms

数据中心和通信机房用自然冷却风冷冷水机组

(English Translation)

Issued on: August 19, 2025 **Implemented on: March 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JB/T 15212-2025 was issued by Ministry of Industry and Information Technology on 19 August 2025 and has been in force since 1 March 2026.

The JB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the types, basic parameters, and technical requirements of naturally cooled air-cooled chillers for data centers and communication equipment rooms. It describes the corresponding test methods and specifies inspection rules, marking, packaging, transportation, and storage. This standard applies to the manufacture of air-cooled chillers for data centers and communication equipment rooms and similar applications that integrate both motor-driven vapor compression refrigeration cycles and natural cooling cycles within the same unit.

JB/T 15212-2025 falls under ICS 27.200, in the field of energy and heat transfer

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engineering.

This catalogue holds 276 other JB/T standards in that field.

In this catalogue, JB/T standards carry edition years from 1967 to 2026.

3 About this standard

Sector: Mechanical & Machinery Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

JB/T 12843-2016 - Centrifugal refrigerant compressors

GB/T 17758-2010 - Unitary air conditioners

GB/T 18362-2008 - Direct-fired lithium bromide absorption water chiller (heater)

JB/T 15214-2025 - Sludge Low-Temperature Drying Unit

JB/T 15213-2025 - Steam Generator Unit for Vapor Compression Cycle Heat Pump

JB/T 15211-2025 - Fully Enclosed Volumetric Refrigerant Compressors for Low Ambient Temperature Air Source Heat Pumps

5 Classification and status

International classification (ICS): 27.200

Chinese Standard Classification (CCS): J 73

Prefix JB/T: recommended standard.

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