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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JB/T 15385-2025

Thermo-siphon evaporator for air conditioning and refrigeration equipment

空调与冷冻装置用热虹吸式蒸发器

(English Translation)

Issued on: December 17, 2025 **Implemented on: July 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JB/T 15385-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

This is a draft translation for reference among interesting stakeholders. The finalized translation (passing through draft translation, self-check, revision and verification) will be delivered upon being ordered.

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.

2 Scope Preview

This document specifies the types, basic parameters and technical requirements for thermosyphon evaporators for air conditioning and refrigeration systems, describes the corresponding test methods, and specifies the inspection rules, marking, packaging, transportation and storage. This document is applicable to the manufacture of evaporators

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using R404A, R410A, R507A and R717 as refrigerants and water or brine solutions as secondary refrigerants in air conditioning and refrigeration systems. The manufacture of evaporators using other refrigerants and secondary refrigerants shall refer to this document.

JB/T 15385-2025 is filed under Chinese Standard Classification J73, in the field of machinery.

This catalogue holds 16,018 other JB/T standards without an ICS number.

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 15386-2025 - Liquid nitrogen refrigeration device for freezing and refrigeration

JB/T 15384-2025 - Reservoir for thermo-siphon oil cooling system for air conditioning and refrigeration

JB/T 15383-2025 - Magnetic bearing centrifugal refrigerant compressors

5 Classification and status

Chinese Standard Classification (CCS): J 73

Prefix JB/T: recommended standard.

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