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ICS 47.020.90
CCS U47

CB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

CB/T 4533-2023

Design requirements for marine air conditioning system

船用空调系统设计要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

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https://chinastandards.org/standards/cb-t-4533-2023

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1 Foreword

CB/T 4533-2023 was issued by Ministry of Industry and Information Technology of the People's Republic of China on 21 April 2023 and has been in force since 1 November 2023.

The CB/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 functions, classification, design principles, design working conditions and load calculations of marine air-conditioning systems, detailed requirements for air-conditioning systems and equipment, as well as design requirements for monitoring and control, noise reduction, etc. This standard applies to the design of air conditioning systems for civil ships. The air conditioning system design of marine engineering can be used as a reference.

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CB/T 4533-2023 falls under ICS 47.020.90, in the field of shipbuilding and marine structures.

This catalogue holds 52 other CB/T standards in that field.

In this catalogue, CB/T standards carry edition years from 1991 to 2025.

3 About this standard

Sector: Shipping Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology of the People's Republic of China

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 37452-2019 - Wire rope selection methods for offshore cranes

CB/T 4197-2011 - The technical specifications of turbochargers used for marine diesel engines

GB/T 11865-2008 - Marine centrifugal fans

CB/T 4509-2019 - Chinese standard

CB/T 4434-2019 - Chinese standard

CB/T 3489-2019 - Chinese standard

5 Classification and status

International classification (ICS): 47.020.90

Chinese Standard Classification (CCS): U 47

Prefix CB/T: recommended standard.

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