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Refrigerated display cabinets - Part 1: Vocabulary (ISO 23953-1:2023)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Refrigerated display cabinets - Part 1: Vocabulary (ISO 23953-1:2023)Meubles frigorifiques de vente - Partie 1: Vocabulaire
(ISO 23953-1:2023)

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EN ISO 23953-1:2023 (E)

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European foreword

This document (EN ISO 23953-1:2023) has been prepared by Technical Committee ISO/TC 86 "Refrigeration and air-conditioning" in collaboration with Technical Committee CEN/TC 44 "Commercial and Professional Refrigerating Appliances and Systems, Performance and Energy Consumption" the secretariat of which is held by UNI.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 23953-1:2023 has been approved by CEN as EN ISO 23953-1:2023 without any modification.

INTERNATIONAL STANDARD

ISO 23953-1

Third edition
2023-11

Refrigerated display cabinets — Part 1: Vocabulary

*Meubles frigorifiques de vente —
Partie 1: Vocabulaire*



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ISO 23953-1:2023(E)

Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 86, *Refrigeration and air-conditioning*, Subcommittee SC 7, *Testing and rating of commercial refrigerated display cabinets*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 44, *Commercial and Professional Refrigerating Appliances and Systems, Performance and Energy Consumption*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 23953-1:2015), which has been technically revised.

The main changes are as follows:

- the following terms have been significantly revised: “semi-vertical refrigerated display cabinet”, “horizontal refrigerated display cabinet”, “combined refrigerated display cabinet with glass-door top”, “combined refrigerated display cabinet with open top”, “multi-temperature refrigerated display cabinet”, “front panel”, “display opening area”, “product temperature”, “product family”, “total revised daily electrical energy consumption”, “published standard rating and standard configuration”;
- the following terms have been added: “multi-use refrigerated display cabinet”, “assisted-service door”, “assisted-service lid”, “self-service door”, “self-service lid”, “door for loading food”, “sneeze guard”, “compartment”, “cabinet with incorporated liquid-cooled condensing unit”, “cabinet with incorporated air-cooled condensing unit”, “full loading”, “half loading”, “sensitive foodstuff loading”, “coefficient of performance for liquid-cooled condensing unit”, “cooling system energy consumption”, “heat extracted condenser”, “revised heat removal energy consumption”, “heat load extracted daily”, “heat removal energy consumption”, “additional heat removal energy consumption”, “refrigeration electrical energy consumption compression-type”, “refrigeration electrical energy consumption indirect”, “additional refrigeration daily electrical energy consumption”, “configuration”, “standard configuration”;

- the following term has been deleted: “visibility of products by arc method”;
- relevant symbols have been added.

A list of all parts in the ISO 23953 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user’s national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Refrigerated display cabinets —

Part 1: Vocabulary

1 Scope

This document defines terms related to refrigerated display cabinets used for the sale and display of foodstuffs.

It does not apply to refrigerated vending machines or cabinets intended for use in catering or similar non-retail applications.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 23953-2:2023, *Refrigerated display cabinets — Part 2: Classifications, requirements and test conditions*

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