



NSAI
Standards

Irish Standard
I.S. EN 16902:2016

Commercial beverage coolers - Classification, requirements and test conditions

I.S. EN 16902:2016

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National Foreword

I.S. EN 16902:2016 is the adopted Irish version of the European Document EN 16902:2016, Commercial beverage coolers - Classification, requirements and test conditions

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EUROPEAN STANDARD

EN 16902

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2016

ICS 97.040.30; 97.130.20

English Version

Commercial beverage coolers - Classification, requirements and test conditions

Appareils de réfrigération de boissons à usage
commercial - Classification, exigences et méthodes
d'essai

Gewerbliche Getränkekühler - Klassifikation,
Anforderungen und Prüfbedingungen

This European Standard was approved by CEN on 9 October 2016.

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European foreword

This document (EN 16902:2016) has been prepared by 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of an identical text or by endorsement, at the latest by June 2017, and conflicting national standards shall be withdrawn at the latest by June 2017.

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.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2009/125/EC.

For relationship with EU Directive, see informative Annex ZA, which is an integral part of this document.

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1 Scope

The scope of this European Standard is to define the classification for commercial beverage coolers and to specify their requirements and test methods. This European Standard is applicable to integral refrigeration systems. This European Standard is not applicable to remote and secondary system cabinets.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 817, *Refrigerants — Designation and safety classification*

ISO 5149-2, *Refrigerating systems and heat pumps — Safety and environmental requirements — Part 2: Design, construction, testing, marking and documentation*

EN 60335-1, *Household and similar electrical appliances — Safety — Part 1: General requirements (IEC 60335-1)*

EN 60335-2-89, *Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant condensing unit or compressor (IEC 60335-2-89)*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1 Types of commercial beverage cooler

3.1.1

commercial beverage cooler

refrigerated cabinets to sell and/or display pre-packaged beverage products that are non-perishable, designed to chill products loaded at ambient temperature to the defined storage temperature class within a specified time and for which the customer is allowed direct access to the products

Note 1 to entry: In the next Annex A there is the designation of the commercial beverage cooler family.

Note 2 to entry: The customer is an organization or person that receives a product; customer can be internal or external to the organization.

EXAMPLE Consumer, client, end-user, retailer, beneficiary and purchaser.

3.1.2

vertical commercial beverage cooler

beverage cooler with overall height greater than 1,5 m

3.1.3

semi-vertical commercial refrigerated beverage cooler

vertical beverage cooler for which the overall height does not exceed 1,5 m and having either a vertical or inclined display opening

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