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NATIONAL FOREWORD

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English version

**Household refrigerating appliances -
Characteristics and test methods**
(IEC 62552:2007, modified + corrigendum Mar. 2008)

Appareils de réfrigération à usage
ménager -
Caractéristiques et méthodes d'essai
(CEI 62552:2007, modifiée + corrigendum
Mar. 2008)

Haushalt-Kühl-/Gefriergeräte -
Eigenschaften und Prüfverfahren
(IEC 62552:2007, modifiziert +
corrigendum Mar. 2008)

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This document (EN 62552:2013) consists of the text of IEC 62552:2007 + corrigendum 2008 prepared by IEC/TC 59 "Performance of household and similar electrical appliances", together with the common modifications prepared by CLC/TC 59X "Performance of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has to be implemented (dop) 2013-10-22
at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2015-10-22

This document supersedes EN 153:2006 and EN ISO 15502:2005 + AC:2007.

EN 62552:2013 includes the following significant technical changes with respect to EN 153:2006 and EN ISO 15502:2005:

- new compartment: zero star;
- new compartment: wine storage, combined with requirements for vibration, temperature fluctuation and humidity;
- new compartment: pantry;
- new compartment: multi-use;
- new compartment: through-the-door-devices;
- requirements for circumvention.

EN ISO 15502:2005 + AC:2007, *Household refrigerating appliances – Characteristics and test methods*, is based on ISO 15502:2005 and its corrigendum Cor 1:2007; this International Standard, prepared by subcommittee 5: Testing and rating of household refrigeration appliances of ISO technical committee 86, Refrigeration and air-conditioning, was transferred to the IEC subsequent to IEC SMB decision 127/11. ISO 15502:2005 and its corrigendum are superseded by IEC 62552:2007.

EN 153:2006, *Methods of measuring the energy consumption of electric mains operated household refrigerators, frozen food storage cabinets, food freezers and their combinations, together with associated characteristics*, was prepared by CEN/TC 44, Household refrigerating appliances and commercial refrigeration equipment.

Clauses, subclauses, notes, tables, figures and annexes which are additional to those in IEC 62552:2007 are prefixed "Z".

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

Endorsement notice

The text of the International Standard IEC 62552:2007 + corrigendum 2008 was approved by CENELEC as a European Standard with the following common modifications.

COMMON MODIFICATIONS

2 Normative references

Delete the reference to ISO 817.

Delete the reference to IEC 60335-2-24:2002

3 Terms, definitions and symbols

Add the following definitions after 3.1.7:

3.1.Z1

wine storage appliance

refrigerating appliance having one or more and only compartments exclusively designed for storage of wine

Note 1 to entry: An appliance containing compartment(s) which does not fulfil all requirements as specified for wine storage compartments cannot be called wine storage appliance.

3.1.Z2

multi door or other appliances

refrigerating appliance having two or more compartments, each one specified according to one of specifications as to Table 2 and being not covered by definitions as to 3.1.1 till 3.1.Z1

3.1.Z3

thermoelectric refrigerating appliance

refrigerating appliance where the cooling uses the Peltier effect

3.1.Z4

Mobile refrigerating appliance

appliance that is primarily intended to be used at different locations, having a mass of less than 18 kg

Note 1 to entry: While being moved, the appliance does not necessarily need to be operating.

Add the following definitions after 3.3.3:

3.3.Z1

zero-star compartment

low-temperature compartment intended for the freezing and storage of ice and for short time storage of frozen food in which the temperature is not warmer than 0 °C