

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

The European Standard EN 153:2006 has the status of a British Standard

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National foreword

This British Standard was published by BSI. It is the UK implementation of EN 153:2006. It supersedes BS EN 153:1996 which will be withdrawn on 31 July 2008.

The UK participation in its preparation was entrusted to Technical Committee RHE/5, Household refrigerators and food freezers.

A list of organizations represented on RHE/5 can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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English Version

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

Méthodes de mesure de la consommation d'énergie
électrique et des caractéristiques associées des
réfrigérateurs, conservateurs de denrées congelées et
congélateurs ménagers et de leurs combinaisons

Verfahren zur Messung der Aufnahme elektrischer Energie
und damit zusammenhängender Eigenschaften für
netzbetriebene Haushalt-Kühlgeräte, Tiefkühlgeräte,
Gefriergeräte und deren Kombinationen

This European Standard was approved by CEN on 28 December 2005.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Management Centre: rue de Stassart, 36 B-1050 Brussels

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Foreword

This European Standard (EN 153:2006) has been prepared by Technical Committee CEN/TC 44 "Household refrigerating appliances and commercial refrigeration equipment", 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 August 2006, and conflicting national standards shall be withdrawn at the latest by August 2006.

This European Standard supersedes EN 153:1995.

The significant changes compared to the document to be revised are the following:

- rated voltage to test the refrigerating appliances is changed from 220 V to 230 V;
- correction formula on the energy consumption measured value within the specified range of test temperature is changed from 24,5 °C to 25,5 °C;
- addition of a normative annex on built-in refrigerating appliances;
- addition of reference to Directives 94/2/EC and 92/75/EEC;
- editorial modifications to be consistent with EN ISO 15502.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.