

Electrical household and similar cooling and freezing
appliances - Food preservation

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 63169:2020 sisaldab Euroopa standardi EN IEC 63169:2020 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 63169:2020 consists of the English text of the European standard EN IEC 63169:2020.
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ICS 67.040, 97.040.30

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English Version

**Electrical household and similar cooling and freezing appliances
- Food preservation
(IEC 63169:2020)**

Appareils électrodomestiques et appareils de
refroidissement et de réfrigération analogues -
Conservation des aliments
(IEC 63169:2020)

Elektrische Haushalts- und ähnliche Kühl- und
Gefriergeräte - Lebensmittelkonservierung
(IEC 63169:2020)

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European foreword

The text of document 59M/123/FDIS, future edition 1 of IEC 63169, prepared by SC 59M "Performance of electrical household and similar cooling and freezing appliances" of IEC/TC 59 "Performance of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63169:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-04-27
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62552-2:2015	NOTE	Harmonized as EN 62552-2:2020 (modified)
ISO 9073-3:1989	NOTE	Harmonized as EN 29073-3:1992 (not modified)
ISO 9237:1995	NOTE	Harmonized as EN ISO 9237:1995 (not modified)

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62552-1 (mod)	2015	Household refrigerating appliances - Characteristics and test methods - Part 1: General requirements	EN 62552-1	2020
IEC 62552-3 (mod)	2015	Household refrigerating appliances - Characteristics and test methods - Part 3: Energy consumption and volume	EN 62552-3	2020

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Electrical household and similar cooling and freezing appliances – Food preservation

Appareils électrodomestiques et appareils de refroidissement et de réfrigération analogues – Conservation des aliments



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INTERNATIONAL STANDARD

NORME INTERNATIONALE



Electrical household and similar cooling and freezing appliances – Food preservation

Appareils électrodomestiques et appareils de refroidissement et de réfrigération analogues – Conservation des aliments

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 67.040; 97.040.30

ISBN 978-2-8322-8523-7

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRICAL HOUSEHOLD AND SIMILAR COOLING
AND FREEZING APPLIANCES – FOOD PRESERVATION**

FOREWORD

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International Standard IEC 63169 has been prepared by subcommittee 59M: Performance of electrical household and similar cooling and freezing appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
59M/123/FDIS	59M/125/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

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INTRODUCTION

The **weight loss** test assesses some of the food care aspects of various **compartments, sub-compartments** and **convenience features** within a refrigerator. The test can be performed with real or artificial foods. Real foods have seasonal and regional variations, making them difficult for global use for repeatable and reproducible testing.

Research was carried out on materials, which proved that a particular non-woven material was suitable to use to replicate real food. This non-woven material is used to replicate **weight loss** from food in the **weight loss** test. Consequently, this document contains an artificial material weight loss test.

As much as possible, alignment has been made with the performance test standards IEC 62552-1 and IEC 62552-3.

This document contains a link to the SC 59M Supporting Documents that are available on the IEC website. The SC 59M Supporting Documents include the 3D printing files, referred to in Annex B. These files are intended to be used as a complement, and do not form an integral part of the document.