

SLOVENSKI STANDARD SIST EN IEC 63169:2020/oprA1:2024

01-marec-2024

Gospodinjske in podobne električne naprave za hlajenje in zamrzovanje - Ohranjanje hrane - Dopolnilo A1

Electrical household and similar cooling and freezing appliances - Food preservation

Elektrische Haushalts- und ähnliche Kühl- und Gefriergeräte -Lebensmittelkonservierung

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

Ta slovenski standard je istoveten z: EN IEC 63169:2020/prA1:2023

ICS:

97.040.30 Hladilni aparati za dom Domestic refrigerating

appliances

SIST EN IEC 63169:2020/oprA1:2024 en

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PROJECT NUMBER:

IEC 63169/AMD1 ED1



59M/163/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

	DATE OF CIRCULATION:		CLOSING DATE FOR VOTING:	
	2023-12-29		2024-03-22	
	SUPERSEDES DOCUMEN	ITS:		
	59M/158/CD, 59M/1	62/CC		
IEC SC 59M: PERFORMANCE OF ELECTRICAL HOUSEHOLD AND SIMILAR COOLING AND FREEZING APPLIANCES				
SECRETARIAT:		SECRETARY:		
Italy		Ms Viktorija Krastinyte		
OF INTEREST TO THE FOLLOWING COMMITTEES:		PROPOSED HORIZONTAL STANDARD: □		
		Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.		
FUNCTIONS CONCERNED:				
□ EMC	ENVIRONMENT	Quality assurance	CE SAFETY	
SUBMITTED FOR CENELEC PARALLEL VOTING NOT SUBMITTED FOR CENELEC PARALLEL VOTING				
Attention IEC-CENELEC parallel	voting			
The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting.				
The CENELEC members are invite online voting system.	d to vote through the CENELEC		VV	
			24	
This document is still under study	and subject to change. It should	not be used for referen	nce purposes.St-en-1ec-63169-2020-opra	
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Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE AC/22/2007 OR NEW GUIDANCE DOC).				
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TITLE:				
Amendment 1 - Electrical household and similar cooling and freezing appliances - Food preservation				
PROPOSED STABILITY DATE: 2025				
Note from TC/SC officers:				

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FOREWORD

- 3 -

This amendment has been prepared by IEC technical subcommittee 59M: Performance of electrical household and similar cooling and freezing appliances

The text of this amendment is based on the following documents:

FDIS	Report on voting	
59M/XXX/FDIS	59M/XXX/RVD	

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- · reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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The National Committees are requested to note that for this publication the stability date is 2027.

THIS TEXT IS INCLUDED FOR THE INFORMATION OF THE NATIONAL COMMITTEES AND WILL BE DELETED AT THE PUBLICATION STAGE.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or prevised tests.

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of publication.

59M/163/CDV

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INTRODUCTION

- 2 Add the following text after the first paragraph:
- 3 Amendment number 1 adds a Condensation test which is a companion test for the Weight
- 4 Loss test. Both tests are used to assess aspects of food care in a refrigerator.

5 1 Scope

- 6 Replace the Scope by the following:
- 7 This document deals with two food preservation tests. A **Weight Loss** test and a **Condensation**
- 8 test.

1

- 9 The Weight Loss test simulates the weight loss of leafy produce, given certain conditions of
- temperature, humidity and air movement in one or more test zones. The aim of the test is to
- measure the **weight loss rate** by measuring the weight of a **test tray** prior to the test and again
- 12 after a given duration.
- 13 The **Condensation** test simulates **condensation** produced by real food on surfaces of the **test**
- zone, given certain conditions of temperature, humidity and air movement in one or more test
- zones. This test assesses the condensation in refrigerator test zones by using test trays
- filled with non-woven to generate **condensation**, and then evaluates the **condensation** extent
- 17 and distribution.
- The Weight Loss test and Condensation test apply to test zones that have an average
- operating temperature greater than 0 °C.
- 20 Both the Weight Loss test and Condensation test must be performed in series and not in
- 21 parallel on the same refrigerator
- 22 Both the Weight Loss test and the Condensation test can only be applied to test zones having
- 23 all dimensions exceeding 200 mm × 150 mm ×100 mm (L × W × H).

24 3 Terms and definitions Document Preview

- 25 **3.1** Replace the term definition by the following:
- 26 space inside the refrigeration appliance subject to the weight loss test and the condensation 20-opral -202
- 27 test
- 28 Add the following:
- 29 **3.6**
- 30 removable accessory
- an accessory that is movable, removable, or adjustable by the customer if instructed to do so
- in the user instructions to enable a different refrigerator function or configuration to be used.
- Note 1 to entry: Cleaning is not regarded as a different function so instructions to remove parts for cleaning-only,
- 34 do not meet this requirement.
- Note 2 to entry: Tools may be required for removal of such parts if so instructed.
- 36 **3.7**
- 37 condensation
- droplets of water that appear on the cold surfaces of a test zone
- **39 3.8**
- 40 total condensation
- the sum of all the **condensation** calculated in 6.4.4
- 42 **3.9**
- 43 average condensation
- the total condensation divided by the number of grid rectangles calculated in 6.1