SIST EN 60704-2-1:2002

SLOVENSKI STANDARD

izdaja september 2002

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-1: Particular requirements for vacuum cleaners

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EUROPEAN STANDARD

EN 60704-2-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2001

ICS 17.140.20;97.080

Supersedes EN 60704-2-1:1994

English version

Household and similar electrical appliances -Test code for the determination of airborne acoustical noise Part 2-1: Particular requirements for vacuum cleaners (IEC 60704-2-1:2000)

Appareils électrodomestiques et analogues -Code d'essai pour la détermination du bruit aérien Partie 2-1: Règles particulières pour les aspirateurs de poussiere (CEI 60704-2-1:2000) Elektrische Geräte für den Hausgebrauch und ähnliche Zwecke -Prüfvorschrift für die Bestimmung der Luftschallemission Teil 2-1: Besondere Anforderungen an Staubsauger (IEC 60704-2-1:2000)

SIST EN 60704-2-1:2002

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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

The text of document 59F/110/FDIS, future edition 2 of IEC 60704-2-1, prepared by SC 59F, Floor treatment appliances, of IEC TC 59, Performance of household electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60704-2-1 on 2000-12-01.

This European Standard supersedes EN 60704-2-1:1994.

The following dates were fixed:

 latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement 	(dop) 2001-10-01
 latest date by which the national standards conflicting with the EN have to be withdrawn 	(dow) 2003-12-01

This part 2-1 is to be used in conjunction with EN 60704-2-1:1997.

This part 2-1 supplements or modifies the corresponding clauses of EN 60704-1. When a particular subclause of part 1 is not mentioned in this part 2-1, that subclause applies as far as is reasonable. Where this part 2-1 states "addition", "modification" or "replacement", the relevant text of part 1 is to be adapted accordingly.

Subclauses or figures which are additional to those in part 1 are numbered starting from 101.

Annexes designated "normative" are part of the body of the standard. In this standard, annexes A and ZA are normative. Annex ZA has been added by CENELECSIST EN 60704-2-1:2002 https://standards.iteh.ai/catalog/standards/sist/200d30c0-66e7-486f-a704db8e7c8469c9/sist-en-60704-2-1-2002

Endorsement notice

The text of the International Standard IEC 60704-2-1:2000 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Addition to annex ZA of EN 60704-1:

Publication	<u>Year</u>	Title	<u>EN/HD</u>	Year
IEC 60312	1998	Vacuum cleaners for household use - Methods of measuring the performance	EN 60312	1998

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<u>SIST EN 60704-2-12002</u> https://standards.iteh.ai/catalog/standards/sist/200d30c0-66e7-486f-a704db8e7c8469c9/sist-en-60704-2-1-2002

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NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI **IEC** 60704-2-1

Deuxième édition Second edition 2000-12

Appareils électrodomestiques et analogues – Code d'essai pour la détermination du bruit aérien –

Partie 2-1: i Règles particulières pour les aspirateurs de poussière (standards.iteh.ai)

Household and similar electrical appliances – Test code for the determination of airborne acoustical noise –

Part 2-1: Particular requirements for vacuum cleaners

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – TEST CODE FOR THE DETERMINATION OF AIRBORNE ACOUSTICAL NOISE –

Part 2-1: Particular requirements for vacuum cleaners

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, EC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards²-1-2002
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60704-2-1 has been prepared by subcommittee 59F: Floor treatment appliances, of IEC technical committee 59: Performance of household electrical appliances.

This second edition cancels and replaces the first edition published in 1984 and constitutes a technical revision.

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

FDIS	Report on voting
59F/110/FDIS	59F/111/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

This Part 2-1 is intended to be used in conjunction with IEC 60704-1, 2nd edition 1997: Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements.

The relevant text of Part 1 as amended by this standard establishes the test code for vacuum cleaners.

This Part 2-1 supplements or modifies the corresponding clauses in IEC 60704-1. When a particular subclause of Part 1 is not mentioned in this Part 2-1, that subclause is applicable as far as reasonable. Where this standard states "addition", "modification" or "replacement", the relevant requirements, test specifications or explanatory matter in Part 1 should be adapted accordingly.

Subclauses or figures which are additional to those in Part 1 are numbered starting from 101.

The committee has decided that the contents of this publication will remain unchanged until 2005. At this date, the publication will be:

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

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<u>SIST EN 60704-2-12002</u> https://standards.iteh.ai/catalog/standards/sist/200d30c0-66e7-486f-a704db8e7c8469c9/sist-en-60704-2-1-2002

INTRODUCTION

The measuring conditions specified in this Part 2-1 provide for sufficient accuracy in determining the noise emitted and comparing the results of measurements taken by different laboratories, whilst simulating as far as possible the practical use of vacuum cleaners.

It is recommended to consider the determination of noise levels as part of a comprehensive testing procedure covering many aspects of properties and performance of household vacuum cleaners.

NOTE As stated in the introduction to IEC 60704-1, this test code is concerned with airborne noise only.

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