

SLOVENSKI STANDARD

SIST EN 60704-2-2:1998

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(istoveten EN 60704-2-2:1994)

Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances - Part 2: Particular requirements for forced draught convention heaters (IEC 704-2-2:1985)

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ICS 17.140.20

Supersedes HD 423.2.2 S1:1988

Descriptors: Acoustic, acoustical measurement, test code, airborne acoustical noise, noise of machinery, household electrical appliance, heating appliance, particular requirement

ENGLISH VERSION

Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances
Part 2: Particular requirements for forced draught convection heaters
(IEC 704-2-2:1985)

Code d'essai pour la détermination du bruit aérien émis par les appareils électrodomestiques et analogues
Deuxième partie:
Règles particulières pour les appareils de chauffage à convection forcée
(CEI 704-2-2:1985)

Prüfvorschrift für die Bestimmung der Luftschallemission von elektrischen Geräten für den Hausgebrauch und ähnliche Zwecke
Teil 2: Besondere Anforderungen an Konvektionsheizgeräte mit erzwungener Konvektion
(IEC 704-2-2:1985)

This European Standard was approved by CENELEC on 1994-07-05. CENELEC 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 CENELEC 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 CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

FOREWORD

At the request of CENELEC Technical Committee TC 59X, Consumer information related to household electrical appliances, HD 423.2.2 S1:1988 (IEC 704-2-2:1985) was submitted to the CENELEC voting procedure for conversion into a European Standard.

The text of the International Standard was approved by CENELEC as EN 60704-2-2 on 5 July 1994.

The following dates were fixed:

- latest date of publication of an identical national standard (dop) 1995-07-15
- latest date of withdrawal of conflicting national standards (dow) -

Annexes designated "normative" are part of the body of the standard. Annexes designated "informative" are given only for information. In this standard, annex A is informative and annex ZA is normative.

ENDORSEMENT NOTICE

The text of the International Standard IEC 704-2-2:1985 was approved by CENELEC as a European Standard without any modification.

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ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT 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.

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

| IEC Publication | Date | Title | EN/HD | Date |
|--------------------|------|---|-------|------|
| ----- | ---- | ----- | ----- | ---- |
| 675 | 1980 | Methods for measuring the performance of household electric room heaters other than storage heaters | - | - |

Other publications quoted:

| | | | | |
|------------|------|--|------------|------|
| ISO 3743 | 1988 | Acoustics - Determination of sound power levels or noise sources - Engineering methods for special reverberation test rooms | - | - |
| ISO 3744 | 1981 | Acoustics - Determination of sound power levels of noise sources - Engineering methods of free field conditions over a reflecting plane | - | - |
| ISO 4871 | 1984 | Acoustics - Noise labelling of machinery and equipment | - | - |
| ISO 7575-1 | 1985 | Acoustics - Statistical methods for determining and verifying stated noise emission values of machinery and equipment - Part 1: General considerations and definitions | EN 27574-1 | 1988 |
| ISO 7574-2 | 1985 | Part 2: Methods for stated values for individual machines | EN 27574-2 | 1988 |
| ISO 7574-3 | 1985 | Part 3: Simple (transition) method for stated values for batches of machines | EN 27574-3 | 1988 |
| ISO 7574-4 | 1985 | Methods for stated values for batches of machines | EN 27574-4 | 1988 |

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IEC

INTERNATIONAL
STANDARD

60704-2-2

Première édition
First edition
1985-01

**Code d'essai pour la détermination
du bruit aérien émis par les appareils
électrodomestiques et analogues**

Deuxième partie:

**Règles particulières pour les appareils
de chauffage à convection forcée**

**Test code for the determination of
airborne acoustical noise emitted by
household and similar electrical appliances**

Part 2:

**Particular requirements for forced draught
convection heaters**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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CONTENTS

| | Page |
|--|------|
| FOREWORD | 5 |
| PREFACE | 5 |
| INTRODUCTION | 9 |
| Clause | |
| 1. Scope and object | 9 |
| 2. References | 11 |
| 3. Terms and definitions | 11 |
| 4. Measurement methods and acoustical environments | 11 |
| 5. Instrumentation | 11 |
| 6. Operation and location of appliances under test | 13 |
| 7. Measurement of noise levels | 15 |
| 8. Calculation of sound pressure and sound power levels | 17 |
| 9. Information to be recorded | 17 |
| 10. Information to be reported | 17 |
| APPENDIX A — Guidelines for the design of simple test rooms with essentially free-field conditions | 19 |

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**TEST CODE FOR THE DETERMINATION OF AIRBORNE
ACOUSTICAL NOISE EMITTED BY HOUSEHOLD
AND SIMILAR ELECTRICAL APPLIANCES**

Part 2 : Particular requirements for forced draught convection heaters

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

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PREFACE

This standard has been prepared by Sub-Committee 59C: Heating Appliances, of IEC Technical Committee No. 59: Performance of Household Electrical Appliances.

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

| Six Months' Rule | Report on Voting |
|------------------|------------------|
| 59C(CO)27 | 59C(CO)29 |

Further information can be found in the Report on Voting indicated in the table above.

This Part 2 is intended to be used in conjunction with IEC Publication 704-1, First edition, 1982 : Test code for the determination of airborne acoustical noise emitted by household and similar electrical appliances, Part 1 : General requirements.

The relevant text of Part 1 as amended by this standard establishes the test code for forced draught convection heaters.

This Part 2 supplements or modifies the corresponding clauses in IEC Publication 704-1. When a particular sub-clause is not mentioned in this Part 2, that sub-clause is applicable as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant requirement, test specification or explanatory matter in Part 1 should be adapted accordingly.