
Gospodinjski in podobni električni aparati – Postopek preskušanja za ugotavljanje zvočnega hrupa v zraku – 2-5. del: Posebne zahteve za električne termoakumulacijske grelnike prostorov (IEC 60704-2-5:2005)

Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-5: Particular requirements for electric thermal storage room heaters (IEC 60704-2-5:2005)

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English version

**Household and similar electrical appliances –
Test code for the determination of airborne acoustical noise
Part 2-5: Particular requirements for electric thermal storage room heaters
(IEC 60704-2-5:2005)**

Appareils électrodomestiques
et analogues –
Code d'essai pour la détermination
du bruit aérien
Partie 2-5: Règles particulières
pour les appareils électriques
de chauffage des locaux à accumulation
(CEI 60704-2-5:2005)

Elektrische Geräte für den Hausgebrauch
und ähnliche Zwecke –
Prüfvorschrift für die Bestimmung
der Luftschallemission
Teil 2-5: Besondere Anforderungen
an Speicherheizgeräte
(IEC 60704-2-5:2005)

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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.

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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

The text of document 59C/124/FDIS, future edition 2 of IEC 60704-2-5, prepared by SC 59C, Heating 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 60704-2-5 on 2005-09-01.

This European Standard supersedes EN 60704-2-5:1994.

The revision of EN 60704-2-5 has become necessary due to the publication of EN 60704-1:1997. There are no major technical changes, apart from those introduced in EN 60704-1.

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) 2006-06-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2008-09-01

This Part 2-5 is intended to be used in conjunction with EN 60704-1:1997, *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 document establishes the test code for electric thermal storage room heaters.

This Part 2-5 supplements or modifies the corresponding clauses of EN 60704-1. When a particular subclause of Part 1 is not mentioned in this Part 2-5, that subclause applies as far as is reasonable. Where this Part 2-5 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.

Unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause.

Endorsement notice

The text of the International Standard IEC 60704-2-5:2005 was approved by CENELEC as a European Standard without any modification.

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60704-2-5

Deuxième édition
Second edition
2005-07

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

Partie 2-5:

**Règles particulières pour les appareils électriques
de chauffage des locaux à accumulation**
(standards.iteh.ai)

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

Part 2-5:

**Particular requirements for electric thermal
storage room heaters**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES –
TEST CODE FOR THE DETERMINATION OF
AIRBORNE ACOUSTICAL NOISE –****Part 2-5: Particular requirements for electric
thermal storage room heaters**

FOREWORD

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International standard IEC 60704-2-5 has been prepared by subcommittee 59C: Heating appliances, of IEC technical committee 59: Performance of household electrical appliances.

This second edition cancels and replaces the first edition published in 1989 and constitutes a technical revision. This revision has become necessary due to the publication of the second edition of IEC 60705-1. There are no major technical changes, apart from those introduced in IEC 60705-1.

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

FDIS	Report on Voting
59C/124/FDIS	59C/127/RDV

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 ISO/IEC Directives, Part 2.

This Part 2-5 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 publication establishes the test code for electric thermal storage room heaters.

This Part 2-5 supplements or modifies the corresponding clauses in IEC 60704-1. When a particular subclause of Part 1 is not mentioned in this Part 2-5, that subclause applies as far as reasonable. Where this Part 2-5 states "addition", "modification" or "replacement", the relevant requirements, test specifications or explanatory matter in Part 1 shall be adapted accordingly.

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

Unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result 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.

INTRODUCTION

The measuring conditions specified in this Part 2-5 provide for sufficient accuracy in determining the levels of noise emitted and comparing the results of measurements taken by different laboratories, whilst simulating as far as possible the practical use of electric thermal storage room heaters.

It is recommended to consider the determination of noise levels as part of a comprehensive testing procedure covering many aspects of the properties and performance of electric thermal storage room heaters.

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

NOTE 2 The noise measurements are carried out without heating for three main reasons:

- the origin of noise is the fan;
- the heating takes a very long time;
- the overheating of the room and the measurement equipment.

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