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BSI Standards Publication

Cooking fume extractors — Methods for measuring performance

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National foreword

This British Standard is the UK implementation of EN IEC 61591:2023. It is identical to IEC 61591:2023. It supersedes BS EN IEC 61591:2020+A11:2020, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee CPL/59, Performance of household electrical appliances.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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EUROPÄISCHE NORM

May 2023

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EN IEC 61591:2020/A11:2020

English Version

Cooking fume extractors - Methods for measuring performance (IEC 61591:2023)

Extracteurs de fumée de cuisine - Méthodes de mesure de
l'aptitude à la fonction
(IEC 61591:2023)

Absauger für Kochdünste - Verfahren zur Messung der
Gebrauchseigenschaft
(IEC 61591:2023)

This European Standard was approved by CENELEC on 2023-05-01. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

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European foreword

The text of document 59K/352/CDV, future edition 3 of IEC 61591, prepared by SC 59K "Performance of household and similar electrical cooking 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 61591:2023.

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) 2024-02-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-05-01

This document supersedes EN IEC 61591:2020 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of the International Standard IEC 61591:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60335-1 NOTE Approved as EN 60335-1

IEC 60335-2-31 NOTE Approved as EN 60335-2-31

IEC 60704-3 NOTE Approved as EN 60704-3

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(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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60584-1	-	Thermocouples - Part 1: EMF specifications and tolerances	EN 60584-1	-
IEC 60704-2-13	-	Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-13: Particular requirements for range hoods and other cooking fume extractors	EN 60704-2-13	-
IEC 60751	-	Industrial platinum resistance thermometers and platinum temperature sensors	EN IEC 60751	-
IEC 62301	2011	Household electrical appliances - Measurement of standby power	EN 50564	2011
IEC 63474	— ¹	Electrical and electronic household and office equipment - Measurement of networked standby power consumption of edge equipment	EN IEC 63474	— ²
ISO 5167-1	-	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 1: General principles and requirements	EN ISO 5167-1	-
ISO 5167-2	-	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 2: Orifice plates	EN ISO 5167-2	-
ISO 5167-3	-	Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 3: Nozzles and Venturi nozzles	EN ISO 6157-3	-

¹ Under preparation. Stage at the time of publication: IEC CDV 63474:2022.

² Under preparation. Stage at the time of publication: prEN IEC 63474:2022.

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		pressure differential devices inserted in circular cross-section conduits running full - Part 4: Venturi tubes		
ISO 5801	2017	Fans - Performance testing using standardized airways	EN ISO 5801	2017
ISO 80000-1	2009	Quantities and units - Part 1: General	-	-

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