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BSI Standards Publication

Surface cleaning appliances

Part 8: Dry vacuum cleaners for commercial use –
Methods for measuring the performance

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National foreword

This British Standard is the UK implementation of EN IEC 62885-8:2019. It is identical to IEC 62885-8:2019.

The UK participation in its preparation was entrusted to Technical Committee CPL/59/6, Floor treatment appliances.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
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EUROPÄISCHE NORM

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English Version

Surface cleaning appliances - Part 8: Dry vacuum cleaners for commercial use - Methods for measuring the performance (IEC 62885-8:2019)

Appareils de nettoyage des sols - Partie 8: Aspirateurs à sec à usage commercial - Méthodes de mesure de l'aptitude à la fonction (IEC 62885-8:2019)

Geräte zur Oberflächenreinigung - Teil 8: Trockensauger für den gewerblichen Gebrauch - Prüfverfahren zur Bestimmung der Gebrauchseigenschaften (IEC 62885-8:2019)

This European Standard was approved by CENELEC on 2019-09-26. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

The text of document 59F/368/CDV, future edition 1 of IEC 62885-8, prepared by SC 59F "Surface cleaning 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 62885-8:2019.

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) 2020-06-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-09-26

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.

Endorsement notice

The text of the International Standard IEC 62885-8:2019 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60335-1 NOTE Harmonized as EN 60335-1

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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.cenelec.eu.

This clause of EN 62885-2 is applicable with the following modifications: Delete the references IEC 60704-1 and IEC 60704-2-1 and replace by the following reference:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60335-2-69	-	Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use	-	-

Insert, after the entry for IEC TS 62885-1, the following reference:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62885-2	2016	Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use - Methods for measuring the performance	-	-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SURFACE CLEANING APPLIANCES –

**Part 8: Dry vacuum cleaners for commercial use –
Methods for measuring the performance**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 62885-8 has been prepared by subcommittee 59F: Surface cleaning appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

This first edition cancels and replaces IEC PAS 62611, published in 2009.

This International Standard is to be used in conjunction with IEC 62885-2:2016. This document supplements and modifies the requirements of IEC 62885-2:2016. When a particular clause/subclause of IEC 62885-2:2016 is not mentioned in this document, that clause/subclause applies. Whenever a requirement of this document is in conflict with a requirement of IEC 62885-2:2016, the requirement of this document will take precedence. Additional specific provisions to those in IEC 62885-2:2016, given as individual clauses or subclauses, are numbered starting from 101.

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The text of this International Standard is based on the following documents:

CDV	Report on voting
59F/368/CDV	59F/378A/RVC

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 62885 series, under the general title *Surface cleaning appliances*, can be found on the IEC website.

In this standard, the following print types are used:

- terms defined in Clause 3: **bold type**.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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

IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

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SURFACE CLEANING APPLIANCES –

Part 8: Dry vacuum cleaners for commercial use – Methods for measuring the performance

1 Scope

Replace the scope of IEC 62885-2:2016 by the following:

This part of IEC 62885 is applicable for measurements of the performance of mains-operated **dry vacuum cleaners**, including **water filter vacuum cleaners**, for commercial use. The requirements for the construction and testing covered by this document are applied in addition to the requirements for commercial vacuum cleaners in IEC 60335-2-69.

The purpose of this document is to specify essential performance characteristics of **dry vacuum cleaners** for commercial use that are of interest to operators and to describe methods for measuring these characteristics.

NOTE 1 Due to the influence of environmental conditions, variations in time, origin of test materials and proficiency of the operator, some of the described test methods will give more reliable results when applied for comparative testing of a number of appliances at the same time, in the same laboratory and by the same operator.

NOTE 2 The methods here can be applied with modifications for surface-cleaning product types or technologies not currently covered within the scope.

For safety requirements, reference is made to IEC 60335-1 and IEC 60335-2-69.

2 Normative references

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.

This clause of IEC 62885-2 is applicable with the following modifications:

Delete the references IEC 60704-1 and IEC 60704-2-1 and replace by the following reference:

IEC 60335-2-69, *Household and similar electrical appliances – Safety – Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use*

Insert, after the entry for IEC TS 62885-1, the following reference:

IEC 62885-2:2016, *Surface cleaning appliances – Part 2: Dry vacuum cleaners for household or similar use – Methods for measuring the performance*

3 Terms and definitions

This clause of IEC 62885-2:2016 is applicable with the following modifications:

Replace the first paragraph with the following: