

INTERNATIONAL STANDARD

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

**Appareils de nettoyage des sols –
Partie 2: Aspirateurs à sec à usage domestique ou analogue – Méthodes
de mesure de l'aptitude à la fonction**



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SURFACE CLEANING APPLIANCES –**Part 2: Dry vacuum cleaners for household or similar use –
Methods for measuring the performance**

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International Standard IEC 62885-2 has been prepared by subcommittee 59F: Surface cleaning appliances, of IEC technical committee 59: Performance of household and similar electrical appliances.

This first edition of IEC 62885-2 cancels and replaces IEC 60312-1:2010 and Amendment 1:2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 60312-1:2010+AMD1:2011.

- a) New terms and definitions have been added in Clause 3.
- b) Subclauses 4.2 and 4.6 have been improved for better understanding.
- c) Subclause 4.10 has been reviewed and renamed “Carpets for testing”.
- d) Subclause 5.1.6 has been improved.

- e) Figure 1 in 5.4.1 has been improved.
- f) Subclause 5.5.3.3 has been improved.
- g) Subclauses of 5.7 have been renumbered.
- h) Subclause 5.7.3, previously 5.7.2, has been improved.
- i) Subclause 5.8.2 has been improved and renamed.
- j) The test method in 5.9.2.3 has been updated.
- k) A new subclause 5.10 on total emissions while vacuum cleaning has been included.
- l) The method in 5.11.6 has been improved.
- m) Subclause 6.10 has been renamed “Ability to maintain air flow performance”.
- n) Subclauses of 6.16 have been renumbered.
- o) Subclause 6.16.2, previously 6.16.1, has been improved.
- p) New subclauses 6.16.3.5, 6.16.3.6 and 6.16.3.7 have been added.
- q) New subclauses 6.17 on operational motor life-time test and 6.18 on rated input power have been added.
- r) A new paragraph has been added in 7.2.1.5.
- s) In 7.3.2, the insert has been changed to aluminium.
- t) A new subclause 7.3.14 on total emissions test has been added.
- u) New Annexes D and E have been added.

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

FDIS	Report on voting
59F/304/FDIS	59F/308/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 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.

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SURFACE CLEANING APPLIANCES –

Part 2: Dry vacuum cleaners for household or similar use – Methods for measuring the performance

1 Scope

This International Standard is applicable for measurements of the performance of **dry vacuum cleaners** for household use in or under conditions similar to those in households.

The purpose of this standard is to specify essential performance characteristics of **dry vacuum cleaners** which are of interest to users 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, most 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 This standard is not intended for cordless vacuum cleaners.

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

A recommendation on information for the consumer at the point of sale is given in Annex B.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60335-1, *Household and similar electrical appliances – Safety – Part 1: General requirements*

IEC 60335-2-2, *Household and similar electrical appliances – Safety – Part 2-2: Particular requirements for vacuum cleaners and water-suction cleaning appliances*

IEC 60688, *Electrical measuring transducers for converting A.C. and D.C. electrical quantities to analogue or digital signals*

IEC 60704-1, *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements*

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

IEC 60704-3, *Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 3: Procedure for determining and verifying declared noise emission values*

ISO 679, *Cement – Test methods – Determination of strength*