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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 38042-2019

**Surface cleaning appliances - Floor treatment machines with or
without traction drive, for commercial use - Methods of
measuring the performance**

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Standardization Administration**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to IEC 62826.2014 "surface cleaning appliances with or without traction drive commercial flooring

Processor performance test method.

The documents of our country that have a consistent correspondence with the international documents referenced in this standard are as follows.

Safety of household and similar electrical appliances - Part 1. General requirements (IEC 60335-1.2004,

IDT)

---GB 4706.93-2008 Safety industrial and commercial use of wet and dry vacuum cleaners for household and similar electrical appliances

Special requirements (IEC 60335-2-69.2005, IDT)

--- GB 4706.96-2008 Safety requirements for household and similar electrical appliances - Part 1

(IEC 60335-2-72.2005, IDT)

Household vacuum cleaners - Part 1. Dry vacuum cleaner performance test methods - GB/T 20291.1

(IEC 60312-1.2010, IDT)

This standard was proposed by the China Light Industry Association.

This standard is under the jurisdiction of the National Standardization Technical Committee for Household Appliances (SAC/TC46).

This standard was drafted. China Household Electrical Appliances Research Institute, Lake Electric Co., Ltd., Jiangsu Midea Clean Electric Co., Ltd.

Division, Wanyuan Zhongxiang Alliance Technology (Beijing) Co., Ltd., National Household

Appliance Quality Supervision and Inspection Center, Suzhou Green Innovation Testing Technology Service Co., Ltd.

the company.

1 Scope

This standard lists the characteristics of push and ride scrubbers and sweepers and other floor cleaners in IEC 60335-2-72.

Can parameters. This standard does not apply to the IEC 60312 series.

This standard is intended to provide manufacturers with description parameters appropriate to their manuals and literature. This may include the terms listed in the Terminology section of this standard.

All or part of the parameters. When using any of the parameters listed in this standard, it is stated to be measured in accordance with this standard.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

Household vacuum cleaners - Part 1. Dry vacuum cleaner performance test methods
(Vacuumcleaners

forhouseholduse-Part 1.Dryvacuumcleaners-Methodsformeasuringtheperformance)

Safety of household and similar electrical appliances - Part 1. General requirements
(Household and analogue

appliances-Safety-Part 1.Generalrequirements)

IEC 60335-1.2010/AMD1.20131)

Safety of household and similar electrical appliances - Part 2-69. Commercial wet and dry vacuum cleaners

Special requirements for power brushes (Household and
similarelectricalappliances-Safety-Part 2-69. Particularre-

Requirementsesforwetanddryvacuumcleaners,includingpowerbrush,forcommercialuse)

IEC 60335-2-72 Safety of household and similar electrical appliances - Part 2-72.

Commercial lands with or without traction drives

Special requirements for board processors (Household and
similarelectricalappliances-Safety-Part 2-72. Particularre-

Requirementsforfloortreatmentmachineswithorwithouttractiondrive,forcommercialuse)

Standard atmospheric specifications for ISO 554 conditioning and/or testing
(Standardatmospheresforconditioningand/or tes-

ting-Specifications)

ISO 1585 Road Vehicle Engine Test Procedure Net Power
(Roadvehicles-Enginetestcode-Netpower)

EN12281 Printing and office paper dry toner imaging process copy paper requirements
(Printingandbusinesspaper-

Requirementsforcopypaperfordrytonerimagingprocesses)

SAEJ1349 Engine Power Test Specification for Spark Ignition and Compression Ignition at
Installed Net Rated Power (Engine

Powertestcodesparkignitionandcompressionignitionasinstalednetpowerrating)

1) There is a binding version of IEC 60335-1.2013 (Ed5.1), including IEC 60335-1.2010
(Ed5.0) and Addendum 1 (2013).