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

中华人民共和国国家标准

GB/T 17713-2011

Replace GB/T 17713-1999

**Range hood
吸油烟机**

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and Quarantine of the People's Republic of China**

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China**

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Foreword

This standard is drafted according to the rules given in GB/T 1.1—2009 *Standard Work Guideline Part 1: Standard Structure and Preparation*.

This standard replaces GB/T 17713—1999 *Range Hood*.

Compared with GB/T 17713—1999 *Range Hood*, main changes of this standard are as follows:

- Add the requirements of transport, storage of range hood product;
- Add the definition of “range hood”, and regulate the more rigorous definition for other terms;
- Reclassify the emission way, switch form, shape features and installation ways of range hood;
- Introduce the internationally accepted architecture modulus, standardize the preferred size of shape length of range hood, consider the matching requirements of the range hood and cabinet, and adjust the tolerance of shape length;
- Add the requirements for new technology (use of renewable resources) and special functions (such as: the functions of bacteriostasis, anion fresh air, visual functions, etc.);
- Adjust and improve the air performance, switch life and requirements of other indicators;
- Add the performance indicator requirements of “odour reduction factor” and “grease absorption factor”;
- Add the quality requirements and test method of new materials (such as: glass products).

This standard is used with GB 4706.1-2005 *Household and Similar Electrical Appliances Part 1: General Requirements* and GB 4706.28- 2008 *Special Requirements of Range Hood of Safety of Household and Similar Electrical Appliances*.

Considering the current actual conditions of manufacturing and use, this standard gives the test methods of air performance, odour reduction factor and grease absorption factor of recirculating range hood only, there is no the indicator limit, and the it is subject to the

expressive instruction of manufacturer actually.

Please note that some contents in this document may involve in the patent. The issuing authority of this document will not bear the responsibilities of these patents, and this standard is proposed by China Light Industry Union.

This standard is under the jurisdiction of Daily Hardware Technical Committee of National Hardware Products Committee for Standardization (SAC/TC 174/SC 1).

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The release conditions of previous versions of standards replaced by this standard are:

——GB/T 17713-1999.

Range hood

1 Scope

This standard regulates the terms and definitions, product classification, requirements, test method, inspection rules and signs, packaging, transportation and storage requirements of the range hood.

This standard is applied to the range hood used in the household kitchen environment.

This standard is not applied to:

- Installed range hood for industrial and commercial purpose;
- Range hood installed in the special occasions, such as the occasion with the corrosive or explosive gas (dust base, steam or gas).

2 Normative references

The articles contained in the following documents have become this document when they are quoted herein. For the dated documents so quoted, all the modifications (Including all corrections) or revisions made thereafter shall be applicable to this document.

GB/T 191 Packaging - Pictorial marking for handling of goods

GB 755 Rotating electrical machines - Rating and performance

GB 1002 Single phase plugs and socket-outlets for household and similar purposes - Types basic parameters and dimensions

GB 1019 General requirements for the package of household and similar electrical appliances

GB 1312 Lampholders for tubular fluorescent lamps and starter holders

GB/T 1732 Determination of impact resistance of film

GB/T 1771 Paints and varnishes—Determination of resistance to neutral salt spray(fog)

GB 2099.1 Plugs and socket-outlets for household and similar purposes - Part 1: General requirements

GB/T 2423.3 Environmental testing for electric and electronic products - Part 2: Testing method test Cab: Damp heat Steady state

GB/T 2423.17 Environmental testing for electric and electronic products - Part 2: Test method - Test Ka: Salt mist



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