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**LIGHT INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

QB/T 4096-2010

**Performance of Room Heater for Household and Similar
Purposes - Part 1: General Requirements
(English Translation)**

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Foreword

The serial standard of QB/T 4096 Performance of Room Heater for Household and Similar Purposes can be divided into the following parts.

--- Part 1.General Requirements;

--- Part 2.Particular Requirements.

This Part belongs to Part 1 of QB/T 4093.

This Part's Appendix is informative; while Appendix B is normative.

This Part was proposed by China Light Industry Council.

This Standard shall be under the jurisdiction of National Technical Committee for Standardization of Household Appliances.

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This Part was first-time published.

Performance of Room Heater for Household and
Similar Purposes - Part 1. General Requirements

1 Scope

This Part specifies the scope, terms and definitions, product classification, requirements, test methods, inspection rules, and mark, package, transportation, storage of room heater for household and similar purposes (hereinafter referred to as "heater").

This Part is applicable to the heater of which the single-phase rated voltage is not greater than 250V; and other appliances of which the rated voltage is not greater than 480V. They can be portable, fixed, standing or embedded heaters.

This Part is not applicable to.

- Heater installed in the building structure;
- Central heating system;
- Heater connecting with air duct;
- Wallpaper, blanket, curtain or pipe equipped with soft electric heating elements;
- Thermal-storage room heater for household;
- Heater in bathroom (bath heater).

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

GB/T 191-2008 Packaging - Pictorial Marking for Handling of Goods

GB/T 1019-2008 General Requirements for the Package of Household and Similar Electrical Appliances

GB/T 2421-1999 Environmental Testing for Electric and Electronic Products - Part

1 General and Guidance

GB/T 2423.17-1993 Basic Environmental Testing Procedures for Electric and Electronic Products Test Ka. Salt Mist

GB/T 2828.1-2003 Sampling Procedures for Inspection by Attribute - Part 1. Sampling Schemes Indexed by Acceptance Quality Limit (AQL) for Lot-by-Lot Inspection

GB/T 2829-2002 Sampling Procedures and Tables for Periodic Inspection by Attributes (Apply to Inspection of Process Stability)

GB/T 4214.1-2000 Acoustics - Household and Similar Electrical Appliances - Test Code for Determination of Airborne Acoustical Noise - Part 1. General Requirements

GB 4706.1 Household and Similar Electrical Appliance - Safety - Part 1. General Requirements

GB 4706.23 Safety of Household and Similar Electrical Appliances - Particular Requirements for Room Heater

GB 5296.2 Instructions for Use of Consumer Interest - Instructions for Use of Household and Similar Electrical Appliances

GB/T 15470-2002 Household Electric Direct-Acting Room Heaters - Methods for Measuring Performance

GB/T 21097.1-2007 General Requirements on Fixed Number of Years of Safety Use and Recycling for Household and Similar Electrical Appliances

QB/T 3901-1999 The General Rule of Naming Model of Household Electrical Appliances

3 Terms and Definitions

In addition to the terms and definitions stipulated in GB 4706.1, GB 4706.23 and GB/T 15470-2002, this Part also adopts the following terms and definitions.

3.1 Multiunit heater

The composite appliance with at least 2 kinds of heating functions to heat the room.

5.2.1 The surface of electroplate part shall be fine, uniformly-colored, and exempted

from the following defects such as spots, peeling, threadbare, pinhole, bubbling, obvious flaws and scratches, etc. After the corrosion resistance test, its surface, edges and corners shall appear no rust point with diameter of 2mm above.

5.2.2 The surface of paint-coated (plastic-coated) parts shall be flat, light, uniformly-

colored, firm painting layer, strong adhesion; its main surface shall be exempted from the following defects that affect the appearance such as flow-paint (flow-plastic), scars, orange peels, primer exposed, cracks, peeling, etc.

5.2.3 The surface of plastic part shall be smooth, uniformly-colored, and exempt from

the obvious scars, scratches, or depression.

5.2.4 The nameplate and decorative plate of the heater shall be durable; after the durability test, it shall be exempted from deformation, peeling; and its pattern and writing are legible.

5.3 Length of power cord

For the heater with plug power cord, its power cord length shall be no less than 1.3m.

5.4 Start-up

For the heater with motor, under the 0.85 times of rated voltage, the motor can be started-up normally.