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

GB/T 4214.5-2023

Replacing GB/T 4214.5-2008

**Test method for noise of household and similar electrical
appliances - Particular requirements for electric shavers, hair
clippers or trimmers**

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Standardization Administration**

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foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents"

drafting:

GB/T 4214 "Noise Test Methods for Household and Similar Electrical Appliances" series of standards, the following documents have been released:

- General requirements (GB/T 4214:1);
- Special requirements for vacuum cleaners (GB/T 4214:2);
- Special requirements for dishwashers (GB/T 4214:3);
- Special requirements for washing machines and centrifugal dehydrators (GB/T 4214:4);
- Special requirements for electric shavers, electric hair clippers and hair trimmers (GB/T 4214:5);
- Special requirements for hair care appliances (GB/T 4214:6);
- Special requirements for tumble dryers (GB/T 4214:7);
- Special requirements for electric ranges, ovens, grills, microwave ovens and their combined appliances (GB/T 4214:8);
- Special requirements for fans (GB/T 4214:9);
- Procedures for determining and testing the declared value of noise (GB/T 4214:10);
- Special requirements for electric food processing appliances (GB/T 4214:11);
- Special requirements for fan heaters (GB/T 4214:12);
- Special requirements for range hoods and other cooking fume extraction devices (GB/T 4214:13);
- Special requirements for refrigerators, frozen food storage boxes and food freezers (GB/T 4214:14);

--- Special requirements for heat storage indoor heaters (GB/T 4214:15);

--- Special requirements for waste food processors (GB/T 4214:16):

This document replaces GB/T 4214:5-2008 "Special Requirements for Household and Similar Electrical Appliance Noise Test Methods for Electric Shavers",

Compared with GB/T 4214:5-2008, except for structural adjustment and editorial changes, the main technical changes are as follows:

- a) The scope of application of the product has been changed (see 1:1:1, 1:1:1 of the:2008 edition);
- b) Added the standard deviation of the sound power level (see 1:3);
- c) Added isometric position view (see 6:5:2);
- d) The value requirement for A-weighted sound pressure level has been added (see 7:4:1):

This document is equivalent to IEC 60704-2-8:2020 "Test Specifications for Determination of Airborne Noise from Household and Similar Electrical Appliances"

Part 2-8: Particular requirements for electric shavers, electric hair clippers or hair trimmers":

The following editorial changes have been made to this document:

--- In order to be consistent with the existing standard series, the name of the standard was changed to "Test methods for noise from household and similar electrical appliances - electric shavers,

Special requirements for electric hair clippers and hair trimmers"

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents:

Introduction

The series standards of GB/T 4214 "Noise Test Methods for Household and Similar Electrical Appliances" adopt the series standards of IEC 60704 and consist of the following documents

constitute:

--- General requirements (GB/T 4214:1): The purpose is to give general requirements for the noise test methods of various products:

--- Special requirements for vacuum cleaners (GB/T 4214:2): The purpose is to propose a special method for the noise test method of vacuum cleaners:

Require:

--- Special requirements for dishwashers (GB/T 4214:3): The purpose is to put forward special requirements for the noise test method of dishwashers:

--- Special requirements for washing machines and centrifugal dehydrators (GB/T 4214:4): The purpose is to reduce the noise of washing machines and centrifugal dehydrators

Acoustic test methods have special requirements:

--- Specific requirements for electric shavers, electric hair clippers and hair trimmers (GB/T 4214:5): The purpose is to improve the electric razor, electric haircut

Special requirements are put forward for the noise test method of clippers and hair trimmers:

--- Special requirements for hair care appliances (GB/T 4214:6): The purpose is to propose a specific method for the noise test method of hair care appliances

special requirements:

--- Special requirements for tumble dryers (GB/T 4214:7): The purpose is to propose a special method for the noise test method of the tumble dryer:

special requirements:

--- Special requirements for electric ranges, ovens, grills, microwave ovens and their combined appliances (GB/T 4214:8): The purpose is to protect electric stoves, ovens,

Special requirements are put forward for the noise test methods of grills, microwave ovens and their combination appliances:

--- Special requirements for fans (GB/T 4214:9): The purpose is to put forward special requirements for the noise test method of the fan:

--- Procedures for determining and testing the declared value of noise (GB/T 4214:10): The purpose is to give all product determination and inspection noise

General requirements for indications:

--- Special requirements for electric food processing appliances (GB/T 4214:11): The purpose is to test the noise of electric food processing appliances

method has special requirements:

--- Special requirements for fan heaters (GB/T 4214:12): The purpose is to propose a noise test method for fan heaters

special requirements:

--- Special requirements for range hoods and other cooking fume extraction devices (GB/T 4214:13): The purpose is to control the range hood and its

He put forward special requirements for the noise test method of the cooking fume extraction device:

--- Special requirements for refrigerators, frozen food storage boxes and food freezers (GB/T 4214:14): The purpose is to protect the refrigerator, cold

Special requirements are put forward for the noise test method of frozen food storage boxes and food freezers:

--- Special requirements for heat storage indoor heaters (GB/T 4214:15): The purpose is to test the noise of thermal storage room heaters

method has special requirements:

--- Special requirements for waste food processors (GB/T 4214:16): The purpose is to test the noise of waste food processors

Make a special request:

GB/T 4214 series standards (except GB/T 4214:1, GB/T 4214:10) are equivalent to or modified to adopt IEC 60704-2 series

standard: The modification of GB/T 4214:1 adopts IEC 60704-1, and this document is used in conjunction with GB/T 4214:1: GB/T 4214:10-2021

IEC 60704-3:2006 is equivalently adopted, which provides a basis for determining and inspecting the declared noise value of other documents in the whole series of standards:

The part marked "applicable" in this document means that the corresponding provisions in GB/T 4214:1-2017 are applicable to this document;

For the "replacement" part, the provisions in this document shall prevail; for the "increase" part in this document, it means that in addition to complying with GB/T 4214:1-

In addition to the corresponding provisions in:2017, it is also necessary to comply with the provisions added in this document; the part of this document that states "revised" means that it is in

The corresponding provisions of GB/T 4214:1-2017 shall be modified:

Unless the note appears in a new subsection or refers to the note in GB/T 4214:1-2017, the number of the note starts from 101, including

Notes in superseded sections or subsections:

Test methods for noise from household and similar electrical appliances

Particular requirements for electric shavers, electric hair clippers and hair trimmers

1 Scope and measurement volume