



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

GB/T 4214.14-2021

**Test method for noise of household and similar electrical
appliances - Particular requirements for refrigerators,
frozen-food storage cabinets and food freezers**

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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 of Standardization Documents"

Drafting.

This document is part 14 of GB/T 4214 "Household and similar electrical appliances noise test method". GB/T 4214 has been released

The following parts.

- 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 (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 stoves, ovens, grills, microwave ovens and their combined appliances (GB/T 4214.8);
- Special requirements for fans (GB/T 4214.9);
- 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 smoke suction and exhaust devices (GB/T 4214.13);

---Special requirements for refrigerators, frozen food storage boxes and food freezers (GB/T 4214.14);

---Special requirements for thermal storage indoor heaters (GB/T 4214.15).

The translation method used in this document is equivalent to IEC 60704-2-14:2019 (Ed2.1) ``Airborne Noise of Household and Similar Electrical Appliances

Test specification for determination Part 2-14. Particular requirements for refrigerators, frozen food storage boxes and food freezers".

This document has made the following editorial changes.

---In order to be consistent with the existing standard series, the standard name is changed to "Household and similar electrical appliances noise test method, refrigerator, freezer Special requirements for food storage boxes and food freezers".

Introduction

GB/T 4214 "Household and similar electrical appliances noise test method" series of national standards adopt IEC 60704 series of international standards.

The previous plan is divided into 15 parts.

---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 noise test method for 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.

The acoustic test method puts forward special requirements.

---Special requirements for electric shavers (GB/T 4214.5). The purpose is to propose a special noise test method for electric shavers

Require.

---Special requirements for hair care appliances (GB/T 4214.6). The purpose is to propose a special noise test method for 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 of the tumble dryer.

Special requirements.

---Special requirements for electric stoves, ovens, grills, microwave ovens and their combined appliances (GB/T 4214.8). The purpose is to treat electric stoves, ovens,

The noise test methods of grills, microwave ovens and their combined appliances put forward special requirements.

---Special requirements for fans (GB/T 4214.9). The purpose is to put forward special requirements for the noise test method of the fan.

---The procedure for determining and verifying the explicit value of noise (GB/T 4214.10). The purpose is to give all the product identification and inspection noise

General requirements for indicating values.

---Special requirements for electric food processing appliances (GB/T 4214.11). The purpose is to test the noise of electric food processing appliances

Methods make 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 smoke suction and exhaust devices (GB/T 4214.13). The purpose is to compare the range hood and its

He puts forward special requirements for the noise test method of cooking smoke suction and exhaust device.

---Special requirements for refrigerators, frozen food storage boxes and food freezers (GB/T 4214.14). The purpose is to

The noise test methods of frozen food storage boxes and food freezers put forward special requirements.

---Special requirements for thermal storage indoor heaters (GB/T 4214.15). The purpose is to test the noise of thermal storage indoor heaters

Methods make special requirements.

GB/T 4214.1 is modified to adopt IEC 60704-1, which is a common part of this series of standards. Other parts (except GB/T 4214.10)

Equivalently adopt or modify each part of IEC 60704-2, and use it in conjunction with GB/T 4214.1. GB/T 4214.10 is equivalently adopted

IEC 60704-3 provides a basis for the determination and inspection of the noise explicit value of other parts of the entire series of standards.

The "applicable" part of this document indicates that the corresponding provisions in GB/T 4214.1-2017 apply to this document; this document states that "on behalf of

The "replacement" part shall be subject to the provisions in this document; the "increase" part of this document indicates that in addition to complying with GB/T 4214.1-2017

In addition to the corresponding provisions, it must also comply with the additional provisions in the provisions of this document; the "modified" part of this document is indicated in GB/T 4214.1-2017

The corresponding provisions of the

Noise test method for household and similar electrical appliances

Refrigerators, frozen food storage boxes and food freezers

special requirements

1 Scope and measurement volume

This chapter of GB/T 4214.1-2017 is applicable except for the following contents.

1.1.1 Overview

Increase.

This document applies to household and similar refrigerators, frozen food storage boxes and food freezers (assembly

Appendix).

1.1.2 Types of noise

replace.

The methods in GB/T 6881.2-2017, GB/T 6881.3-2002 and GB/T 3767-2016 are suitable for measuring refrigerators and freezing

Noise from food storage boxes and food freezers.

1.1.3 The size of the sound source

replace.

The method specified in GB/T 3767-2016 is applicable to sound sources of any size. When adopting GB/T 6881.2-2017 and