



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

GB/T 4214.15-2021

**Test method for noise of household and similar electrical
appliances - Particular requirements for electric thermal
storage room heaters**

Issued on: August 20, 2021

Implemented on: March 1, 2022

**Issued by: State Administration for Market Regulation, China National
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 15 of GB/T 4214 "Test Methods for Noise of Household and Similar Electrical Appliances". 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 the IEC 60704-2-5:2014 Test for the Determination of Airborne Noise from Household and Similar Electrical Appliances.

Specifications Part 2-5. Special requirements for thermal storage indoor heaters."

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 heat storage indoor heating

Special Requirements for Heaters".

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 put forward special requirements for the noise test method of vacuum cleaners.

---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 put forward special requirements for the noise test method of electric shavers.

---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

Outside) adopt or modify each part of IEC 60704-2 to be used in conjunction with GB/T 4214.1.GB/T 4214.10 equivalent

The use of 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 are applicable to this document; this document states

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

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

The corresponding provisions of GB/T 4214.1-2017 are revised.

Noise test method for household and similar electrical appliances

Special requirements for thermal storage indoor heaters

1 Scope and measurement volume

This chapter in GB/T 4214.1-2017 is applicable except for the following content.

1.1.1 Overview

replace.

This document is applicable to heat storage indoor heaters with forced convection output designed to be placed on the ground, wall-mounted or built-in for household and similar purposes.

Heater.

This document does not apply to.

---Natural convection output control type heat storage heater;

---Free output heat storage heater;

--- Permanently installed central heat storage system or its components.

1.1.2 Types of noise

replace.

The methods listed in GB/T 6881.2, GB/T 6881.3 and GB/T 3767 are suitable for measuring the noise emitted by thermal storage indoor heaters.

1.1.3 The size of the sound source

replace.

The method specified in GB/T 3767 is suitable for sound sources of any size (only limited