



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

GB/T 4214.13-2021

**Test method for noise of household and similar electrical
appliances - Particular requirements for range hoods and other
cooking fume extractors**

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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 13 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 60704-2-13:2016 (Ed3.0) "Airborne Noise of Household and Similar Electrical Appliances

Test specification for determination Part 2-13. Particular requirements for range hoods and other cooking smoke suction and exhaust devices".

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 range hood and its

His special requirements for cooking smoke suction and exhaust devices.

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

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

Range hoods and other cooking smoke suction and exhaust devices

special requirements

1 Scope and measurement volume

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

1.1.1 Overview

Increase.

This document is applicable to household and similar purposes, range hoods and other cooking smoke used to filter indoor smoke or exhaust smoke to the outside.

Air suction and discharge device (including its accessories and accessories). This document is also applicable to external fans (which can be installed indoors or outdoors where the range hood is located)

The cooking smoke suction and exhaust device, and the bottom row system installed on the side, behind or below the cooking surface.

1.1.2 Types of noise

replace.

The methods listed in GB/T 6881.2-2017, GB/T 6881.3-2002 and GB/T 3767-2016 are suitable for measuring cooking smoke

Noise from the suction and discharge device.

1.1.3 The size of the sound source