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

GB/T 4214.20-2025

**Test method for noise of household and similar electrical
appliances - Part 20: Particular requirements for room air
conditioners**

家用和类似用途电器噪声测试方法 第20部分：房间空气调节器的特殊要求

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents". Drafting.

This document is Part 20 of GB/T 4214, "Noise Test Methods for Household and Similar Electrical Appliances". GB/T 4214 has been published. The following section.

- 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 spin dryers (GB/T 4214.4);
- Special requirements for electric shavers, electric hair clippers and 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 stoves, ovens, grills, microwave ovens and their combinations (GB/T 4214.8);
- Special requirements for fans (GB/T 4214.9);
- Procedure for determining and verifying indicated noise values (GB/T 4214.10);
- Special requirements for electric food processing appliances (GB/T 4214.11);
- Special requirements for fan-type 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 thermal storage indoor heaters (GB/T 4214.15);
- Special requirements for food waste disposers (GB/T 4214.16);
- Special requirements for dry cleaning robots (GB/T 4214.17);
- Special requirements for washer-dryer combos (GB/T 4214.18);
- Special requirements for humidifiers (GB/T 4214.19);
- Special requirements for room air conditioners (GB/T 4214.20);
- Special requirements for oral hygiene appliances (GB/T 4214.21).

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed by the China National Light Industry Council.

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Introduction

GB/T 4214, "Noise Test Methods for Household and Similar Electrical Appliances," is a series of national standards that adopt the IEC 60704 series of international standards or their own standards.

The main plan is to divide it into 21 parts.

- General Requirements (GB/T 4214.1). The purpose is to provide general requirements for noise testing methods for various products.
- Special requirements for vacuum cleaners (GB/T 4214.2). The purpose is to propose special requirements for noise testing methods for vacuum cleaners. Require.
- Special requirements for dishwashers (GB/T 4214.3). The purpose is to set specific requirements for the noise testing methods of dishwashers.
- Special requirements for washing machines and centrifugal spin dryers (GB/T 4214.4). The purpose is to regulate the noise levels of washing machines and centrifugal spin dryers.

The acoustic testing method has specific requirements.

- Special requirements for electric shavers, electric hair clippers and trimmers (GB/T 4214.5). The purpose is to provide specific requirements for electric shavers, electric hair clippers and trimmers.

Special requirements are set forth for the noise testing methods of hair clippers and trimmers.

- Special Requirements for Hair Care Appliances (GB/T 4214.6). The purpose is to propose specific testing methods for noise levels in hair care appliances. Special requirements.
- Special requirements for tumble dryers (GB/T 4214.7). The purpose is to propose specific testing methods for the noise of tumble dryers. Special requirements.
- Special requirements for electric stoves, ovens, grill racks, microwave ovens and their combinations (GB/T 4214.8). The purpose is to provide specific requirements for electric stoves, ovens, grill racks, microwave ovens and their combinations.

Special requirements are put forward for the noise testing methods of grills, microwave ovens and their combinations.

- Special requirements for fans (GB/T 4214.9). The purpose is to specify special requirements for the noise testing methods of fans.

- Procedure for determining and verifying indicated noise levels (GB/T 4214.10). The purpose is to provide procedures for determining and verifying indicated noise levels for all products.

General requirements for indicated values.

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

The method has specific requirements.

- Special requirements for fan-type heaters (GB/T 4214.12). The purpose is to propose noise testing methods for fan-type heaters. Special requirements.
- Special requirements for range hoods and other cooking fume extraction devices (GB/T 4214.13). The purpose is to specify the requirements for range hoods and other cooking fume extraction devices.

He proposed special requirements for the noise testing method of cooking fume extraction devices.

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

Special requirements are put forward for the noise testing methods of frozen food storage boxes and food freezers.

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

The method has specific requirements.

- Special requirements for food waste disposers (GB/T 4214.16). The purpose is to specify the noise testing methods for food waste disposers. Make special requests.
- Special requirements for dry cleaning robots (GB/T 4214.17). The purpose is to specify noise testing methods for dry cleaning robots. Make special requests.
- Special requirements for washer-dryer combos (GB/T 4214.18). The purpose is to propose specific noise testing methods for washer-dryer combos. Require.
- Special requirements for humidifiers (GB/T 4214.19). The purpose is to specify special requirements for the noise testing methods of humidifiers.
- Special requirements for room air conditioners (GB/T 4214.20). The purpose is to specify the noise testing methods for room air conditioners. Make special requests.
- Special requirements for oral hygiene appliances (GB/T 4214.21). The purpose is to propose noise testing methods for oral hygiene appliances. Special requirements.