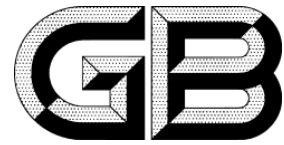


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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 4706.45-2024

**Safety of household and similar electrical appliances - Part 45:
Particular requirements for air-cleaning appliances**

家用和类似用途电器的安全 第45部分：空气净化器的特殊要求

(English Translation)

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Table of Contents

Foreword...	4
Introduction...	6
1 Scope...	7
2 Normative References...	8
3 Terms and Definitions...	8
4 General Requirement...	9
5 General Conditions for the Tests...	9
6 Classification...	9
7 Marking and Instructions...	9
8 Protection against Access to Live Parts...	10
9 Starting of Motor-Operated Appliances...	10
10 Power Input and Current...	10
11 Heating...	11
12 Void...	11
13 Leakage Current and Electric Strength at Operating Temperature...	11
14 Transient Over-voltages...	11
15 Moisture Resistance...	11
16 Leakage Current and Electric Strength...	11
17 Overload Protection of Transformers and Associated Circuits...	12
18 Endurance...	12
19 Abnormal Operation...	12
20 Stability and Mechanical Hazards...	12
21 Mechanical Strength...	12
22 Construction...	12
23 Internal Wiring...	14
24 Components...	14
25 Supply Connection and External Flexible Cords...	14
26 Terminals for External Conductors...	15
27 Provision for Earthing...	15
28 Screws and Connections...	15
29 Clearances, Creepage Distances and Solid Insulation...	15
30 Resistance to Heat and Fire...	15

31 Resistance to Rusting...	15
32 Radiation, Toxicity and Similar Hazards...	15
Annexes...	19
Annex AA (Normative) UV Radiation Conditioning...	20
Bibliography...	21

Foreword

This Document was drafted as per the rules specified in GB/T 1.1-2020 Directives for Standardization - Part 1.Rules for the Structure and Drafting of Standardizing Documents.

This Document is Part 45 of GB/T 4706 Safety of Household and Similar Electrical Appliances.

GB/T 4706 has published the following parts.

- Part 1.General Requirements;
- Part 2.Particular Requirements for Electric Irons;
- Part 121.Particular Requirements for Professional Ice-Cream Makers.

This Document replaced GB 4706.45-2008 Household and Similar Electrical Appliances - Safety - Particular Requirements for Air-Cleaning Appliances. Compared with GB 4706.45-2008, the major technical changes of this Document are as follows besides the structural adjustments and editorial modifications.

- Change the scope of the document to which this document is not applicable (see Clause

1 of this Edition; Clause 1 of the 2008 Edition);

- Add the definitions of the terms "UV-C emitter" and "ultraviolet air purifier" (see 3.102,

3.103 of this Edition);

- Add the warning requirements for products with "UV-C emitters" and "ultraviolet air purifiers", as well as the necessary maintenance, cleaning and replacement instructions (see 7.1, 7.12 of this Edition);
- Add additional requirements for the use, maintenance and cleaning of product structures with "UV-C emitters" and "ultraviolet air purifiers" (see 22.103, 22.104, 22.105, 22.106

of this Edition);

--- Add "UV-C radiation protection requirements for internal wiring" (see 23.101 of this Edition);

--- Add requirements for ozone release and ultraviolet radiation (see 32.101, 32.102 of this Edition);

--- Add requirements for the handling of ultraviolet radiation (see Annex AA of this Edition).

This Document equivalently adopted IEC 60335-2-65.2015 Household and Similar Electric Appliances - Safety - Part 2-65.Particular Requirements for Air-Cleaning Appliances.

This Document made the minimum editorial modifications.

--- Change the standard name into Safety of Household and Similar Electrical Appliances - Part 45.particular Requirements for Air-Cleaning Appliances; enhancing the coordination of the standards system.

Please note some contents of this Document may involve patents. The issuing agency of this

Document shall not assume the responsibility to identify these patents.

This Document was proposed by China National Light Industry Council.

This Document shall be under the jurisdiction of National Technical Committee on Household

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The historical editions replaced by this Document are as follows.

--- GB 4706.45-1999 was first-time published in 1999; first-time revised in 2008;

--- It is second-time revised hereby.

1 Scope

This Clause of GB/T 4706.1-2024 is replaced by the following.

This Document specifies the safety requirements of electric air-cleaning appliances for household and similar purposes.

2 Normative References

This Clause of GB/T 4706.1-2024 is applicable except as follows.

Addition.

GB/T 16422.2-2022 Plastics - Methods of exposure to laboratory light sources - Part 2.Xenon-

arc lamps (ISO 4892-2.2013, IDT)

GB/T 16422.4-2022 Plastics - Methods of exposure to laboratory light sources - Part 4.Open-

flame carbon-arc lamps (ISO 4892-4.2013, IDT)