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

GB/T 4706.128-2025

**Safety of household and similar electrical appliances - Part 128:
Particular requirements for fresh-air air cleaner**

家用和类似用途电器的安全 第128部分：新风净化机的特殊要求

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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 for standardization documents" Drafting.

This document is Part 128 of GB/T 4706 "Safety of Household and Similar Electrical Appliances". GB/T 4706 has been published as follows part.

- Part 1: General requirements (GB/T 4706.1);
- Part 2: Particular requirements for electric irons (GB/T 4706.2);
- Part 128: Particular requirements for fresh air purifiers (GB/T 4706.128).

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the China Light Industry Federation.

This document is under the jurisdiction of the National Technical Committee for Standardization of Household Electrical Appliances (SAC/TC46).

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Introduction

GB/T 4706 "Safety of Household and Similar Electrical Appliances" mostly adopts IEC 60335. On this basis, GB/T 4706 refers to The structure of IEC 60335 is divided into several parts, which are composed of general requirements and special requirements.

Part 1 is general requirements, and the other parts are special requirements. For products covered by special requirements, their safety requirements are general requirements.

The special requirements are used in conjunction with the general requirements. The special requirements include the supplement and modification of the corresponding clauses in the general requirements to provide the specific requirements for each product.

Complete product requirements.

This document contains the protection requirements for electrical, mechanical, thermal, fire and radiation risks when the appliance is used normally according to the instructions.

This document also covers abnormal conditions that may occur during use and considers how electromagnetic interference may affect the safe operation of the equipment.

This document has taken into account the requirements specified in GB/T 16895 and is consistent with the requirements of the electrical wiring regulations when the appliance is connected to the mains.

If multiple functions of an appliance involve other parts of GB/T 4706, the other parts shall apply to the respective parts as long as it is reasonable.

For each function of the appliance, if applicable, the effect of one function on other functions shall be considered.

When additional requirements are not given in other parts for hazards already included in this document, GB/T 4706.1 applies.

GB/T 4706 is a standard covering appliance safety and takes precedence over general standards/horizontal standards covering the same subject.

This document is independently developed and adopts the structure of IEC 60335 and is used in conjunction with GB/T 4706.1-2024.

The part marked "applicable" indicates that the corresponding clauses in GB/T 4706.1-2024 are applicable to this document; the part marked "replaces" in this document indicates that the corresponding clauses in GB/T 4706.1-2024 are applicable to this document.

The terms in this document shall prevail; the part marked "added" in this document

indicates that in addition to complying with the corresponding terms in GB/T 4706.1-2024 In addition, it must also comply with the terms added in this document; the part of this document marked "modified" indicates that it has been revised in accordance with the relevant provisions of GB/T 4706.1-2024. The terms should be modified.

Safety of household and similar electrical appliances Part 128.Particular requirements for fresh air purifiers

1 Scope

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

This document specifies the safety requirements for fresh air purifiers for household and similar purposes.

This document covers single-phase appliances with a rated voltage not exceeding 250V and other appliances with a rated voltage not exceeding 480V for household and similar purposes Safety of fresh air purifiers.

NOTE 101 Examples of appliances falling within the scope of this document are as follows.

- One-way fresh air purifier with only air supply function and no exhaust function;
- Two-way flow fresh air purifier with both air supply and exhaust functions;
- Fresh air purifier with heat exchange function;
- Fresh air purifier with auxiliary heating function;
- Fresh air purifiers with other functions, other parts of GB/T 4706 may apply to other functions (for example. air conditioning part applies to GB/T 4706.32).

Fresh air purifiers not intended for general household use but which may still pose a risk to the public, such as those intended to be used by non- Fresh air purifiers used by professional personnel also fall within the scope of this document.

Note 102.This document does not apply to.

- Duct fans (GB/T 4706.27);
- Humidifiers with heating, ventilation or air conditioning systems (without fresh air function) (GB/T 4706.105);
- Heat pumps, air conditioners and dehumidifiers (GB/T 4706.32);
- Fresh air purifier designed for industrial use;
- Intended for use in special environments where corrosive or explosive gases (such as dust, steam and methane) are often produced.