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

GB/T 4706.115-2024

**Safety of household and similar electrical appliances-Part 115:
Particular requirements for evaporative air coolers**

家用和类似用途电器的安全 第115部分：蒸发式冷风扇的特殊要求

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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 is required.

This document is part 115 of GB/T 4706 "Safety of Household and Similar Electrical Appliances". GB/T 4706 has been published as follows part.

- Part 1: General requirements;
- Part 2: Particular requirements for electric irons;
- Part 121. Particular requirements for professional ice cream machines.

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 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" adopts most of IEC 60335. On this basis, GB/T 4706 refers to The structure of IEC 60335 is divided into several parts, consisting of general requirements and special requirements. Part 1 is general requirements, and the other parts are For products covered by special requirements, their safety requirements are general requirements used in combination with the special

requirements.

The requirements include supplements and modifications to the corresponding clauses in the general requirements to provide complete requirements for each product.

This document is the protection requirements for electrical, mechanical, thermal, fire and radiation risks when the appliance is used normally in accordance with 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 "Low Voltage Electrical Installations". The appliance is connected to the power supply in accordance with the electrical wiring rules. requirements are coordinated.

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

Each function. If applicable, consider the impact of one function on other functions.

When no additional requirements are 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. It is consistent with GB/T 4706.1-2024 "Safety of Household and Similar Electrical Appliances". Parts marked "applicable" in this document refer to the corresponding provisions in GB/T 4706.1-2024.

The terms and conditions of this document apply to this document; if the part of this document is marked as "replaced", the terms and conditions in this document shall prevail; if the part of this document is marked as "added", the terms and conditions in this document shall prevail.

In addition to complying with the corresponding clauses in GB/T 4706.1-2024, it is also necessary to comply with the additional clauses in this document; this document states The "modified" part indicates that modifications are made to the corresponding clauses of GB/T 4706.1-2024.

Safety of household and similar electrical appliances Part 115. Particular requirements for evaporative cooling fans

1 Scope

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

This document specifies the safety requirements for evaporative cooling fans for household

and similar purposes.

This document applies to household and similar appliances with a rated voltage not exceeding 250V for single-phase appliances and 480V for other appliances. Evaporative cooling fan.

Appliances not intended for domestic use but which may nevertheless be dangerous to the public, such as those intended for use in shops, light industry and on farms tools are also included in the scope of this document.

As far as is practical, the common hazards present in the appliances covered by this document are those that may be encountered by all persons in the home and surrounding environment.

However, in general, this document does not consider the following situations.

- The following groups of people (including children) cannot use the appliance safely without supervision or guidance.
- due to physical, sensory or mental impairment; or - Due to lack of experience and knowledge.
- Children's play equipment.

Note 101. Pay attention to the following.

- For equipment intended for use in vehicles, ships or aircraft, some additional requirements may be required;
- National authorities may impose additional requirements on equipment.

Note 102. This document does not apply to.

- Appliances designed for industrial use;
- Apparatus intended for use in special environments, such as those where there is corrosive or explosive gas (for example, dust, steam or methane gas, etc.) place.

2 Normative references

GB/T 4706.1-2024

3 Terms and definitions

Except for the following contents, this chapter of GB/T 4706.1-2024 applies. 3.1.9 Replacement. Normal operation The appliance operates under the following conditions.

Fill the maximum amount of water according to the instructions, turn on the water circulation function and ventilation function, and turn on other additional functions that can be turned on at the same time.