

ICS 27.010
CCS F01



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

GB 29539-2025

Replacing GB 29539-2025

**Minimum allowable values of energy efficiency and energy
efficiency grades for household and similar range hoods and
ventilating fans**

家用和类似用途吸油烟机与换气扇能效限定值及能效等级

Issued on: October 31, 2025

Implemented on: November 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

This document was issued on 31 October 2025 by the State Administration for Market Regulation and the Standardization Administration of the People's Republic of China, and takes effect on 1 November 2026.

It replaces GB 29539-2025, which remains in force until that date.

Classification: ICS 27.010, CCS F01.

1 Scope

GB 29539-2025 is the Chinese national standard on minimum allowable values of energy efficiency and energy efficiency grades for household and similar range hoods and ventilating fans, in the field of energy and heat transfer engineering. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 31 October 2025 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 November 2026.

Classification: ICS 27.010, CCS F01. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

About this edition

GB 29539-2025 is the current edition. It was issued on 31 October 2025 and takes effect on 1 November 2026, replacing GB 29539-2025.

Until 1 November 2026 the previous edition, GB 29539-2025, remains the one in force: a contract, a specification or an inspection report that cites the standard without a year is met by GB 29539-2025 today and by GB 29539-2025 from that date. Anyone writing a new specification now has to decide which of the two to name, and anyone holding a certificate

issued against GB 29539-2025 should check what the transition requires of it.

The interval between issue and effect is the transition period. It exists so that producers, laboratories and buyers can requalify products, revise procedures and use up documentation before the new text becomes the one that applies. The date on this page is the official one from the record of the Standardization Administration.

Classification and status

GB 29539-2025 is classified under ICS 27.010, in the field of energy and heat transfer engineering. ICS is the International Classification for Standards, the same scheme used by ISO and by the national bodies of most countries, which is what allows a Chinese standard to be placed beside its foreign counterparts on subject rather than on number.

Its Chinese Standard Classification code is CCS F01. CCS is the domestic scheme, a letter for the sector and two digits for the subject within it, and it is the code by which the standard is filed and searched in China.

The GB prefix without a suffix marks a mandatory national standard: compliance is required by law for the products or activities within its scope, and a product that does not meet it may not lawfully be placed on the Chinese market.

How a Chinese national standard is set out

Chinese national standards are drafted to the rules of GB/T 1.1, which fixes the order in which a standard is set out. The document opens with a foreword recording the issuing bodies, the relationship to any previous edition and the technical committee responsible for it. Clause 1 is the scope. Clause 2 lists the normative references - the other standards that have to be applied together with this one, and without which its requirements cannot be met. Clause 3 gives the terms and definitions. The technical clauses follow: the requirements themselves, the test or measurement methods by which conformity is established, the inspection rules that say how a lot is sampled and judged, and, for a product standard, the provisions on marking, packaging, transport and storage. Annexes, normative or informative, come last.

GB 29539-2025 runs to 17 pages in the English translation. What is delivered is the complete document in that order: every clause, every table, every figure and every annex of the Chinese original, with the same numbering, so that a reference to a clause number in a contract or a test report points to the same place in both languages.