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QB

**LIGHT INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

QB/T 8166-2025

**Compressors for household and similar refrigeration
appliances**

家用和类似用途冷藏器具用压缩机

(English Translation)

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What this standard covers

This standard specifies the requirements for operating environment temperature, product technical specifications, and performance of compressors for domestic and similar refrigeration appliances. It describes the corresponding test methods, specifies inspection rules, and outlines the marking, packaging, transportation, and storage procedures. A product classification system for ease of technical specification is provided, and relevant terminology is defined. This document applies to the design, production, inspection, and sale of compressors using R600a, R290, R134a, R404A, and R410A refrigerants. Compressors using other refrigerants may also refer to this document. This document does not apply to compressors using R744 (CO₂) refrigerant.

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