

ICS 13.220.20

CCS C 82



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

GB 48144-2026

General technical requirement for fire-fighting fan

消防风机通用技术要求

(English Translation)

Issued on: August 27, 2026

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

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Foreword

GB 48144-2026 is a mandatory national standard (GB) of the People's Republic of China, issued on 27 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 September 2027.

It is under the responsibility of the National Fire and Rescue Administration.

Classification: ICS 13.220.20; CCS C 82.

1 Scope

Fire-fighting fans, meaning positive pressure air supply fans and smoke exhaust fans used in building fire protection, are covered by this mandatory national standard. It defines terms, classifies fans and sets out their coding and specification, materials and accessories, technical requirements, test methods, inspection rules, and marking, packaging and storage. Annexes address high-temperature performance of motors and cable sheaths used in smoke exhaust fans. The document applies to the design, production and inspection of these fans. Fan manufacturers, fire protection engineers, building designers, certification and test bodies, and inspection authorities will find it relevant. Issued on 27 August 2026 by the National Fire and Rescue Administration, it takes effect on 1 September 2027 and is mandatory in China, so fans sold there for fire safety duties need to meet it.