

Smoke Exhaust Fan Motor

This motor is engineered for high-heat firefighting smoke exhaust axial flow fans. It can continuously transport 300-degree high-heat smoke for over 30 minutes.



Overview

High-Performance Smoke Exhaust Solution

This motor is specifically engineered for high-heat firefighting smoke exhaust axial flow fans, meeting the GB50045-95 fire prevention standards for high-rise buildings. It is capable of continuously transporting 300°C high-heat smoke for over 30 minutes, ensuring critical safety during emergencies. The design features an independent cooling wind path to effectively isolate the motor from extreme temperatures.

Performance Highlights

Key Performance Metrics

300 °C

Max Heat Resistance

30 min

Operation Duration

380 V

Rated Voltage

Technical Specifications

Power Output	0.06 - 45 kW
Frame Number Range	80 - 280
Efficiency Frequency	50 Hz

Protection & Insulation

Protection Degree

IP44

Insulation Class

Class F

Installation & Design

Design Features

- Double speed operation
- Independent cooling wind path
- High-rise building fire prevention compliant (GB50045-95)
- Thermal isolation from exhaust smoke

Installation Types

B3, B5