

# **Global Smoke Control Motor Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032**

<https://marketpublishers.com/r/G6BDE347E522EN.html>

Date: July 2026

Pages: 127

Price: US\$ 3,480.00 (Single User License)

ID: G6BDE347E522EN

## **Abstracts**

According to our (Global Info Research) latest study, the global Smoke Control Motor market size was valued at US\$ 1509 million in 2025 and is forecast to a readjusted size of US\$ 2141 million by 2032 with a CAGR of 5.0% during review period.

A Smoke Control Motor is a dedicated electric motor used in fire protection ventilation systems. It drives smoke exhaust fans or pressurization fans to remove smoke and hot gases from buildings during a fire, or to maintain positive pressure in escape routes to ensure safe evacuation. In 2025, global Smoke Control Motor production reached approximately 7741.6 K Units. The upstream of the smoke control motor industry includes key raw materials and components such as silicon steel, copper windings, bearings, aluminum housings, and high-temperature insulation materials.

Smoke Control Motors are critical driving components in building fire ventilation systems. They are used to power smoke exhaust fans or pressurization fans during fire events, enabling rapid smoke removal and maintaining positive pressure in evacuation routes. These motors are typically required to comply with strict fire safety standards such as EN12101-3 and NFPA, and must operate reliably under high-temperature conditions (200°C-400°C) for a defined duration, making them significantly more technically demanding than standard industrial motors. Structurally, this market is not a standalone consumer motor segment but is deeply embedded within HVAC and fire protection engineering systems. Demand primarily originates from commercial buildings, transportation infrastructure (subways, tunnels, airports), public facilities (hospitals, stadiums), and high-reliability environments such as data centers. The market is characterized by project-based procurement through fan manufacturers and system integrators rather than standardized product sales.

This report is a detailed and comprehensive analysis for global Smoke Control Motor market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Smoke Control Motor market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Smoke Control Motor market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Smoke Control Motor market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Smoke Control Motor market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Smoke Control Motor

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Smoke Control Motor market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies

covered as a part of this study include WEG Motors, Siemens, TECO, ABB, Regal Rexnord, Tatung Electric, Wolong Electric, Nidec, VEM, ATB, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Smoke Control Motor market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

#### Small Buildings (

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