

# **Global Air Pollution Control System Market Size Study & Forecast, by Product (Scrubbers, Thermal Oxidizers, Catalytic Converters, Electrostatic Precipitators, Others), by Type (Indoor, Ambient), By Pollutant (Gas, VOC, Dust, Others), By Application (Tunnels, Air Terminals, Underground Garages, Public Transportation Stations, Air Pollution Control, Automobile, Others) and Regional Forecasts 2025-2032**

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## **Abstracts**

The Global Air Pollution Control System Market is valued at approximately USD 0.08 billion in 2025 and is projected to scale up steadily to nearly USD 0.14 billion by 2035, expanding at a compound annual growth rate of 5.20% during the forecast period 2025–2035. Air pollution control systems are engineered solutions designed to capture, neutralize, or eliminate harmful pollutants before they are released into the atmosphere, thereby safeguarding environmental quality and public health. These systems are increasingly being deployed across industrial, commercial, and urban infrastructure settings as governments and regulatory bodies tighten emission norms. This market assessment is grounded in Historical Data from 2023 and 2025, with 2025 serving as the Base Year for Estimation.

The market's growth narrative is being written by intensifying environmental awareness, rising urbanization, and the steady tightening of air quality standards worldwide. As industrial activity continues to scale up, particularly in developing economies, the need to clamp down on emissions of gases, volatile organic compounds, and particulate matter is being pushed up the policy agenda. In parallel,

infrastructure modernization projects, smart city initiatives, and increased monitoring of indoor and ambient air quality are driving investments in advanced pollution control technologies. While high installation and maintenance costs can weigh on adoption in price-sensitive markets, technological advancements and modular system designs are gradually bringing down barriers to entry across the forecast period 2025–2035.

**The detailed segments and sub-segments included in the report are:**

**By Product:**

Scrubbers

Thermal Oxidizers

Catalytic Converters

Electrostatic Precipitators

Others

**By Type:**

Indoor

Ambient

**By Pollutant:**

Gas

VOC

Dust

Others

## By Application:

Tunnels

Air Terminals

Underground Garages

Public Transportation Stations

Air Pollution Control

Automobile

Others

Among product categories, scrubbers are expected to dominate the Global Air Pollution Control System Market over the forecast horizon. Their dominance is reinforced by their proven efficiency in removing acidic gases, toxic vapors, and particulate matter across a wide range of industrial and infrastructure applications. Scrubbers are being increasingly specified in large-scale installations such as tunnels, transportation hubs, and industrial exhaust systems, where consistent and high-volume pollutant removal is non-negotiable. While electrostatic precipitators and catalytic converters continue to gain traction, scrubbers remain the go-to solution due to their versatility and regulatory acceptance.

From a revenue standpoint, ambient air pollution control systems currently account for the largest share of the market. These systems are being widely rolled out in urban environments, transportation corridors, and public infrastructure projects to address rising outdoor pollution levels. Governments and municipal authorities are funneling investments into ambient air quality management as part of broader sustainability and public health initiatives. Indoor systems, although growing at a healthy pace due to heightened awareness around occupational health and enclosed-space air quality, trail ambient solutions in terms of overall revenue contribution.

The Global Air Pollution Control System Market spans Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa. North America holds a significant share of the market, supported by stringent environmental regulations, early technology

adoption, and sustained investments in industrial emission control. Europe follows closely, driven by aggressive climate policies and cross-border environmental directives. Asia Pacific is expected to register the fastest growth during the forecast period, fueled by rapid industrialization, urban expansion, and rising government focus on air quality management in countries such as China and India. Meanwhile, Latin America and the Middle East & Africa are witnessing gradual adoption as infrastructure development and regulatory frameworks continue to evolve.

**Major market players included in this report are:**

General Electric Company

Siemens AG

Honeywell International Inc.

Durr AG

Mitsubishi Heavy Industries, Ltd.

Babcock & Wilcox Enterprises, Inc.

Thermax Limited

FLSmidth & Co. A/S

Alfa Laval AB

Johnson Matthey

Camfil Group

Hitachi Zosen Corporation

Linde plc

CECO Environmental Corp.

Donaldson Company, Inc.

## **Global Air Pollution Control System Market Report Scope:**

Historical Data – 2023, 2025

Base Year for Estimation – 2025

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments and countries in recent years and to forecast their values for the coming years. The report is structured to weave together qualitative insights and quantitative analysis, offering a clear view of the forces shaping the Global Air Pollution Control System Market across the forecast period 2025–2035. It also sheds light on key growth drivers, operational challenges, and emerging opportunities, while delivering a detailed assessment of the competitive landscape and strategic positioning of leading industry participants.

### **Key Takeaways:**

Market estimates and forecasts for 10 years from 2025 to 2035.

Annualized revenues and regional-level analysis for each market segment.

Detailed geographical assessment with country-level insights.

Competitive landscape evaluation highlighting major market players.

Strategic analysis of business initiatives and future growth approaches.

Examination of the competitive structure of the market.

Comprehensive demand-side and supply-side analysis.

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