

Global Indoor Air Purification Market Size Study, by Product (Dust Collectors & Vacuums, Fume & Smoke Collectors, Mist Eliminators, Fire & Emergency Exhaust, Others), by Technology (HEPA, Electrostatic Precipitators, Activated Carbon, Ionic Filters, Others), by Application (Commercial, Industrial, Residential), and Regional Forecasts 2022-2032

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Abstracts

Global Indoor Air Purification Market is valued at approximately USD 23.43 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 6.3% over the forecast period 2024-2032. Rising concerns over deteriorating indoor air quality have spurred demand for effective air purification solutions across residential, commercial, and industrial settings. Air pollution, exacerbated by urbanization and industrialization, has adversely impacted public health, prompting consumers to adopt air purifiers as a preventive measure against respiratory ailments, allergies, and chronic illnesses. Furthermore, government regulations mandating better air quality standards in buildings, combined with innovations in energy-efficient, advanced filtration technologies, are creating significant growth opportunities for the indoor air purification market.

Technological advancements such as HEPA and electrostatic precipitators have further catalyzed market growth, offering superior filtration performance that addresses various airborne pollutants. For instance, electrostatic precipitators are gaining traction for their efficiency in removing fine particles, making them ideal for diverse applications across industries. Moreover, the heightened emphasis on sustainable and eco-friendly products aligns with the growing adoption of air purifiers integrated with smart home technologies, thereby enhancing the consumer experience.

The COVID-19 pandemic further underscored the critical need for indoor air purification systems, as consumers and businesses prioritized air quality to mitigate airborne disease transmission risks. The pandemic has also heightened awareness about the health benefits of cleaner indoor air, encouraging investments in commercial and industrial air purification technologies. However, factors such as the high initial costs of advanced air purifiers and limited awareness in emerging markets may hinder market growth during the forecast period.

Key regions contributing to market expansion include Asia Pacific, North America, and Europe. Asia Pacific leads due to rapid urbanization and industrial growth, particularly in countries like China and India, where pollution levels have driven consumer demand for air purifiers. North America, on the other hand, is experiencing the fastest growth, propelled by strict regulatory standards and increasing awareness about indoor air quality. Europe remains lucrative, supported by stringent sustainability goals and advanced energy-efficient technologies.

Major companies actively shaping the market include FLSmith, Hamon, Camfil, Thermax Limited, Honeywell International Inc., and others. These firms are investing heavily in product innovation, strategic collaborations, and advanced technologies to maintain their competitive edge.

Major market players included in this report are:

FLSmith

Hamon

Camfil

Thermax Limited

Kelin Environmental Protection Technology Co., Ltd.

KC Cottrell India

Nederman Holding AB

Sumitomo Heavy Industries, Ltd.

Donaldson Company, Inc.

Babcock & Wilcox Enterprises, Inc.

Sharp Corporation

Honeywell International Inc.

Daikin Industries, Ltd.

Halton Group

Trane

The detailed segments and sub-segment of the market are explained below:

By Product:

Dust Collectors & Vacuums

Fume & Smoke Collectors

Mist Eliminators

Fire & Emergency Exhaust

Others

By Technology:

High-Efficiency Particulate Arrestance (HEPA)

Electrostatic Precipitators

Activated Carbon

Ionic Filters

Others

By Application:

Commercial

Industrial

Residential

By Region:

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Asia Pacific

China

Japan

India

South Korea

Australia

Latin America

Brazil

Argentina

Middle East & Africa

Saudi Arabia

UAE

South Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

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

Detailed analysis of geographical landscape with country-level analysis of major

regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approaches.

Demand-side and supply-side analysis of the market.

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