



Thermal Treatment Air Filtration Industry Research Report 2026

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Description

Thermal treatment air filtration is a method of filtering exhaust gases generated by various industrial processes. The exhaust gases are heated to a very high temperature in the oxidizing chamber, thus breaking the bond between polluting compounds. The compounds then mix with the oxygen present in the chamber to form CO₂ and H₂O. It is suitable for removing hazardous airborne pollutants, VOCs, and other toxic chemicals from the industrial air stream. This technique can purify the industrial air stream to purity levels of up to 99.5%. Of the major suppliers of Thermal Treatment Air Filtration, Fives maintained its first place in the ranking. Fives accounted for 14% of the Global Thermal Treatment Air Filtration revenue market share. Other players accounted for 7%, 6% including Babcock & Wilcox MEGTEC and Dürr AG.

In this study, the market for Thermal Treatment Air Filtration consumption volume divided into six geographic regions: In North America, total Thermal Treatment Air Filtration accounted for 28%. In the Europe, total Thermal Treatment Air Filtration accounted for 26%. The market in China Thermal Treatment Air Filtration accounted for 24%, in Japan 4%, in Asia-Pacific Other 8% and in the Rest of World 8%.

Regenerative Thermal Oxidizer covered over 48 % of the market share.

Worldwide, oil and gas industry was the largest consumer of Thermal Treatment Air Filtration, which is responsible for about 48 percent of Thermal Treatment Air Filtration consumption. The remaining 52 percent was consumed for automotive industry, Chemical industry, Coating & Printing industry, Electronics industry, Food industry, Pharmaceutical industry and among others.

Report Scope

This report quantifies the global Thermal Treatment Air Filtration market in revenue (US\$ million) and, where applicable, sales volume (Units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/Units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Thermal Treatment Air Filtration.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—

where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Thermal Treatment Air Filtration Market by Company

Fives

Babcock & Wilcox MEGTEC

Dürr AG

JOHN ZINK COMPANY

ZEECO

Eisenmann

CECO Environmental

Honeywell International

CTP

Anguil Environmental

Process Combustion Corporation

CEC-ricm

Catalytic Products International (CPI)

Bayeco

The CMM Group

Air Clear

Perceptive Industries

Pollution Systems

Glenro

APC Technologies

Thermal Treatment Air Filtration Segment by Type

Thermal Oxidizer

Catalytic Oxidizer

Regenerative Thermal Oxidizer

Regenerative Catalytic Oxidizer

Thermal Treatment Air Filtration Segment by Application

Oil And Gas Industry

Automotive Industry

Chemical Industry

Coating & Printing Industry

Electronics Industry

Food And Pharmaceutical Industry

Others (Building Materials, Cement and Lime, Consumer Goods Industry, Energy and Resource, Metals and Mining Etc.)

Thermal Treatment Air Filtration Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Thermal Treatment Air Filtration market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Thermal Treatment Air Filtration and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Thermal Treatment Air Filtration.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Thermal Treatment Air Filtration manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Thermal Treatment Air Filtration by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Thermal Treatment Air Filtration in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

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