

Commercial Boiler Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Fuel (Natural Gas, Coal, Oil, Others), By Technology (Condensing, Non-Condensing), By End-User (Educational Institutions, Healthcare Sector, Offices, Hospitality, Others), By Region & Competition, 2020-2030F

<https://marketpublishers.com/r/C97BCD541B6BEN.html>

Date: March 2025

Pages: 186

Price: US\$ 4,500.00 (Single User License)

ID: C97BCD541B6BEN

Abstracts

The Global Commercial Boiler Market was valued at USD 15.1 billion in 2024 and is expected to reach USD 23.3 billion by 2030 with a CAGR of 7.3% through 2030. The Global Commercial Boiler Market is driven by rising demand for energy-efficient heating systems, stringent environmental regulations, and increasing commercial infrastructure development. Governments worldwide are enforcing strict emission norms, pushing businesses toward high-efficiency and low-emission boilers, such as condensing and biomass-based systems. The growing emphasis on sustainability and decarbonization is encouraging the adoption of hybrid heating solutions, including hydrogen-powered and solar-assisted boilers. Additionally, rapid urbanization, especially in Asia-Pacific and the Middle East, is fueling investments in commercial spaces such as offices, hotels, hospitals, and educational institutions, further increasing demand for reliable heating solutions.

Technological advancements, such as IoT-enabled boilers with remote monitoring and predictive maintenance capabilities, are improving operational efficiency and reducing downtime. The replacement demand for aging boiler systems in developed regions like North America and Europe is also a significant driver, as businesses seek modern, high-performance alternatives. Moreover, fluctuating energy prices are compelling industries to invest in cost-effective and fuel-efficient heating solutions. The market is also

witnessing a shift towards electrification and renewable-based boilers to align with carbon neutrality goals, making innovation and regulatory compliance key growth factors.

Key Market Drivers

Increasing Demand for Energy-Efficient and Low-Emission Heating Solutions

The rising focus on energy efficiency and sustainability is significantly driving the growth of the Global Commercial Boiler Market. Businesses and institutions are prioritizing the adoption of high-efficiency boilers to reduce operational costs, minimize fuel consumption, and comply with stringent emission norms. Traditional boilers, which operate at lower efficiencies, are being replaced by condensing and hybrid boilers that utilize advanced heat recovery technologies to maximize energy savings.

A key driver behind this shift is the rising cost of energy worldwide. As fuel prices fluctuate and governments impose stricter regulations on greenhouse gas emissions, businesses are actively investing in efficient heating systems to optimize fuel usage. High-efficiency boilers, particularly condensing boilers, are capable of achieving efficiencies over 90%, compared to conventional boilers that operate at 70-80% efficiency. These systems recover waste heat from exhaust gases, reducing fuel consumption and emissions. The U.S. Department of Energy (DOE) and European Union (EU) have established stringent energy efficiency standards, pushing commercial buildings to upgrade their heating infrastructure.

Key Market Challenges

High Initial Investment and Installation Costs

One of the biggest challenges in the Global Commercial Boiler Market is the high upfront cost associated with purchasing and installing modern, energy-efficient boilers. While these advanced systems offer long-term cost savings through improved efficiency and lower fuel consumption, the initial capital expenditure remains a major barrier for many businesses. High-efficiency boilers, particularly condensing boilers, biomass boilers, and hydrogen-powered systems, require specialized materials, components, and installation processes, which increase their price compared to conventional boilers.

For example, condensing boilers require stainless steel or aluminum heat exchangers, which are more expensive than traditional cast iron or steel counterparts. Additionally,

retrofitting older commercial buildings with new boiler systems involves significant modifications to existing infrastructure, further increasing costs. Many older buildings may require upgraded ventilation systems, pipe replacements, and additional safety mechanisms to support high-efficiency boiler operations, leading to additional financial burdens.

Key Market Trends

Rising Adoption of Smart and IoT-Enabled Boiler Systems

The integration of smart technologies and Internet of Things (IoT) solutions in commercial boilers is one of the most significant trends driving market innovation. As industries prioritize energy efficiency, predictive maintenance, and real-time monitoring, IoT-enabled boilers are becoming increasingly popular in commercial spaces such as hotels, hospitals, office buildings, and educational institutions.

IoT-connected boiler systems use sensors and advanced analytics to monitor real-time performance metrics such as temperature, pressure, fuel consumption, and emission levels. These systems enable businesses to detect potential faults, schedule preventive maintenance, and optimize fuel efficiency, reducing downtime and operational costs. By leveraging AI-driven analytics, modern boilers can self-regulate operations to minimize energy waste and extend equipment lifespan.

A key driver of this trend is the growing emphasis on remote monitoring and automation. Facility managers and service providers can now track boiler performance through cloud-based platforms, enabling remote diagnostics and control. This is particularly beneficial for large-scale commercial buildings, where central heating systems require continuous oversight for optimal performance.

Key Market Players

A.O. Smith Corporation

Bosch Thermotechnology

Cochran Limited

Cleaver-Brooks

Fulton Boiler Company

Slant/Fin Corporation

Weil-McLain Solvay S.A.

Valliant Group

Babcock and Wilcox Enterprises

Superior Boiler Works, Inc

Report Scope:

In this report, the Global Commercial Boiler Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Commercial Boiler Market, By Fuel:

Natural Gas

Coal

Oil

Others

Commercial Boiler Market, By Technology:

Condensing

Non-Condensing

Commercial Boiler Market, By End-User:

Educational Institutions

Healthcare Sector

Offices

Hospitality

Others

Commercial Boiler Market, By Region:

North America

United States

Canada

Mexico

Europe

Germany

France

United Kingdom

Italy

Spain

Asia Pacific

China

India

Japan

South Korea

Australia

South America

Brazil

Colombia

Argentina

Middle East & Africa

Saudi Arabia

UAE

South Africa

Turkey

Kuwait

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Commercial Boiler Market.

Available Customizations:

Global Commercial Boiler Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
- 1.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Formulation of the Scope
- 2.4. Assumptions and Limitations
- 2.5. Sources of Research
 - 2.5.1. Secondary Research
 - 2.5.2. Primary Research
- 2.6. Approach for the Market Study
 - 2.6.1. The Bottom-Up Approach
 - 2.6.2. The Top-Down Approach
- 2.7. Methodology Followed for Calculation of Market Size & Market Shares
- 2.8. Forecasting Methodology
 - 2.8.1. Data Triangulation & Validation

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, and Trends

4. VOICE OF CUSTOMER

5. GLOBAL COMMERCIAL BOILER MARKET OUTLOOK

- 5.1. Market Size & Forecast

- 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Fuel (Natural Gas, Coal, Oil, Others)
 - 5.2.2. By Technology (Condensing, Non-Condensing)
 - 5.2.3. By End-User (Educational Institutions, Healthcare Sector, Offices, Hospitality, Others)
 - 5.2.4. By Region
- 5.3. By Company (2024)
- 5.4. Market Map

6. NORTH AMERICA COMMERCIAL BOILER MARKET OUTLOOK

- 6.1. Market Size & Forecast
 - 6.1.1. By Value
- 6.2. Market Share & Forecast
 - 6.2.1. By Fuel
 - 6.2.2. By Technology
 - 6.2.3. By End-User
 - 6.2.4. By Country
- 6.3. North America: Country Analysis
 - 6.3.1. United States Commercial Boiler Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Fuel
 - 6.3.1.2.2. By Technology
 - 6.3.1.2.3. By End-User
 - 6.3.2. Canada Commercial Boiler Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Fuel
 - 6.3.2.2.2. By Technology
 - 6.3.2.2.3. By End-User
 - 6.3.3. Mexico Commercial Boiler Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Fuel

6.3.3.2.2. By Technology

6.3.3.2.3. By End-User

7. EUROPE COMMERCIAL BOILER MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Fuel

7.2.2. By Technology

7.2.3. By End-User

7.2.4. By Country

7.3. Europe: Country Analysis

7.3.1. Germany Commercial Boiler Market Outlook

7.3.1.1. Market Size & Forecast

7.3.1.1.1. By Value

7.3.1.2. Market Share & Forecast

7.3.1.2.1. By Fuel

7.3.1.2.2. By Technology

7.3.1.2.3. By End-User

7.3.2. United Kingdom Commercial Boiler Market Outlook

7.3.2.1. Market Size & Forecast

7.3.2.1.1. By Value

7.3.2.2. Market Share & Forecast

7.3.2.2.1. By Fuel

7.3.2.2.2. By Technology

7.3.2.2.3. By End-User

7.3.3. Italy Commercial Boiler Market Outlook

7.3.3.1. Market Size & Forecast

7.3.3.1.1. By Value

7.3.3.2. Market Share & Forecast

7.3.3.2.1. By Fuel

7.3.3.2.2. By Technology

7.3.3.2.3. By End-User

7.3.4. France Commercial Boiler Market Outlook

7.3.4.1. Market Size & Forecast

7.3.4.1.1. By Value

7.3.4.2. Market Share & Forecast

7.3.4.2.1. By Fuel

- 7.3.4.2.2. By Technology
- 7.3.4.2.3. By End-User
- 7.3.5. Spain Commercial Boiler Market Outlook
 - 7.3.5.1. Market Size & Forecast
 - 7.3.5.1.1. By Value
 - 7.3.5.2. Market Share & Forecast
 - 7.3.5.2.1. By Fuel
 - 7.3.5.2.2. By Technology
 - 7.3.5.2.3. By End-User

8. ASIA-PACIFIC COMMERCIAL BOILER MARKET OUTLOOK

- 8.1. Market Size & Forecast
 - 8.1.1. By Value
- 8.2. Market Share & Forecast
 - 8.2.1. By Fuel
 - 8.2.2. By Technology
 - 8.2.3. By End-User
 - 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
 - 8.3.1. China Commercial Boiler Market Outlook
 - 8.3.1.1. Market Size & Forecast
 - 8.3.1.1.1. By Value
 - 8.3.1.2. Market Share & Forecast
 - 8.3.1.2.1. By Fuel
 - 8.3.1.2.2. By Technology
 - 8.3.1.2.3. By End-User
 - 8.3.2. India Commercial Boiler Market Outlook
 - 8.3.2.1. Market Size & Forecast
 - 8.3.2.1.1. By Value
 - 8.3.2.2. Market Share & Forecast
 - 8.3.2.2.1. By Fuel
 - 8.3.2.2.2. By Technology
 - 8.3.2.2.3. By End-User
 - 8.3.3. Japan Commercial Boiler Market Outlook
 - 8.3.3.1. Market Size & Forecast
 - 8.3.3.1.1. By Value
 - 8.3.3.2. Market Share & Forecast
 - 8.3.3.2.1. By Fuel

- 8.3.3.2.2. By Technology
- 8.3.3.2.3. By End-User
- 8.3.4. South Korea Commercial Boiler Market Outlook
 - 8.3.4.1. Market Size & Forecast
 - 8.3.4.1.1. By Value
 - 8.3.4.2. Market Share & Forecast
 - 8.3.4.2.1. By Fuel
 - 8.3.4.2.2. By Technology
 - 8.3.4.2.3. By End-User
- 8.3.5. Australia Commercial Boiler Market Outlook
 - 8.3.5.1. Market Size & Forecast
 - 8.3.5.1.1. By Value
 - 8.3.5.2. Market Share & Forecast
 - 8.3.5.2.1. By Fuel
 - 8.3.5.2.2. By Technology
 - 8.3.5.2.3. By End-User

9. SOUTH AMERICA COMMERCIAL BOILER MARKET OUTLOOK

- 9.1. Market Size & Forecast
 - 9.1.1. By Value
- 9.2. Market Share & Forecast
 - 9.2.1. By Fuel
 - 9.2.2. By Technology
 - 9.2.3. By End-User
 - 9.2.4. By Country
- 9.3. South America: Country Analysis
 - 9.3.1. Brazil Commercial Boiler Market Outlook
 - 9.3.1.1. Market Size & Forecast
 - 9.3.1.1.1. By Value
 - 9.3.1.2. Market Share & Forecast
 - 9.3.1.2.1. By Fuel
 - 9.3.1.2.2. By Technology
 - 9.3.1.2.3. By End-User
 - 9.3.2. Argentina Commercial Boiler Market Outlook
 - 9.3.2.1. Market Size & Forecast
 - 9.3.2.1.1. By Value
 - 9.3.2.2. Market Share & Forecast
 - 9.3.2.2.1. By Fuel

- 9.3.2.2.2. By Technology
- 9.3.2.2.3. By End-User
- 9.3.3. Colombia Commercial Boiler Market Outlook
 - 9.3.3.1. Market Size & Forecast
 - 9.3.3.1.1. By Value
 - 9.3.3.2. Market Share & Forecast
 - 9.3.3.2.1. By Fuel
 - 9.3.3.2.2. By Technology
 - 9.3.3.2.3. By End-User

10. MIDDLE EAST AND AFRICA COMMERCIAL BOILER MARKET OUTLOOK

- 10.1. Market Size & Forecast
 - 10.1.1. By Value
- 10.2. Market Share & Forecast
 - 10.2.1. By Fuel
 - 10.2.2. By Technology
 - 10.2.3. By End-User
 - 10.2.4. By Country
- 10.3. Middle East and Africa: Country Analysis
 - 10.3.1. South Africa Commercial Boiler Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Fuel
 - 10.3.1.2.2. By Technology
 - 10.3.1.2.3. By End-User
 - 10.3.2. Saudi Arabia Commercial Boiler Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Fuel
 - 10.3.2.2.2. By Technology
 - 10.3.2.2.3. By End-User
 - 10.3.3. UAE Commercial Boiler Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Fuel

- 10.3.3.2.2. By Technology
- 10.3.3.2.3. By End-User
- 10.3.4. Kuwait Commercial Boiler Market Outlook
 - 10.3.4.1. Market Size & Forecast
 - 10.3.4.1.1. By Value
 - 10.3.4.2. Market Share & Forecast
 - 10.3.4.2.1. By Fuel
 - 10.3.4.2.2. By Technology
 - 10.3.4.2.3. By End-User
- 10.3.5. Turkey Commercial Boiler Market Outlook
 - 10.3.5.1. Market Size & Forecast
 - 10.3.5.1.1. By Value
 - 10.3.5.2. Market Share & Forecast
 - 10.3.5.2.1. By Fuel
 - 10.3.5.2.2. By Technology
 - 10.3.5.2.3. By End-User

11. MARKET DYNAMICS

- 11.1. Drivers
- 11.2. Challenges

12. MARKET TRENDS & DEVELOPMENTS

- 12.1. Merger & Acquisition (If Any)
- 12.2. Product Launches (If Any)
- 12.3. Recent Developments

13. COMPANY PROFILES

- 13.1. A.O. Smith Corporation
 - 13.1.1. Business Overview
 - 13.1.2. Key Revenue and Financials
 - 13.1.3. Recent Developments
 - 13.1.4. Key Personnel/Key Contact Person
 - 13.1.5. Key Product/Services Offered
- 13.2. Bosch Thermotechnology
- 13.3. Cochran Limited
- 13.4. Cleaver-Brooks

- 13.5. Fulton Boiler Company
- 13.6. Slant/Fin Corporation
- 13.7. Weil-McLain Solvay S.A.
- 13.8. Valliant Group
- 13.9. Babcock and Wilcox Enterprises
- 13.10. Superior Boiler Works, Inc

14. STRATEGIC RECOMMENDATIONS

15. ABOUT US & DISCLAIMER

I would like to order

Product name: Commercial Boiler Market – Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Fuel (Natural Gas, Coal, Oil, Others), By Technology (Condensing, Non-Condensing), By End-User (Educational Institutions, Healthcare Sector, Offices, Hospitality, Others), By Region & Competition, 2020-2030F

Product link: <https://marketpublishers.com/r/C97BCD541B6BEN.html>

Price: US\$ 4,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C97BCD541B6BEN.html>