

# Fire Detection and Suppression Equipment - Global Outlook and Forecast 2019-2024

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## Abstracts

The global fire detection and suppression equipment market is expected to grow at a CAGR of over 5% during the period 2018-2024.

The market growth can be attributed to stringent safety regulations adopted by government agencies world over. The market witnessed high growth in the APAC region in 2018. While Europe dominates the global fire detection and suppression equipment market, the increased awareness related to safety is fueling market growth in developing economies.

The penetration of artificial intelligence and the Internet of Things in the commodity and services markets has triggered a wave of disruption. The advent of these technologies has enabled transformations across a range of products such as sprinkler systems, home alarm systems, water leak detection devices, and smoke alarm/detectors.

The following factors are likely to contribute to the growth of the fire detection and suppression equipment market during the forecast period:

Increased Concern toward Employee Safety

Rapid Developments in Industrial and Commercial Sectors

Importance of Code Compliance

Effectiveness of Voice Evacuation

Growing Trend of Connected Fire Safety Equipment

The study considers the present scenario of the fire detection and suppression equipment market and its market dynamics for the period 2018-2024. It covers a detailed overview of several market growth enablers, restraints, and trends. The report covers both the demand and supply sides of the market. It also profiles and examines leading companies and other prominent companies operating in the market.

### Fire Detection and Suppression Equipment Market: Segmentation

This market research report includes detailed market segmentation by fire suppression, fire detection, end-user, and geography.

Fire detectors dominate the global market, and the segment is expected to grow at a CAGR of 5.14% during the forecast period. The growing number of commercial facilities, coupled with the growth in the industrial and manufacturing sector, is one of the major driving factors for the high demand for this segment worldwide.

Alarms, which are the most critical devices, are likely to post an absolute growth of 50% by 2024. Europe was the largest market, with a market share of 31% in 2018. Stringent government initiatives and the growth in building automation in the region are major factors contributing to the installation of alarm systems in buildings. Governments across Europe follow strict safety regulations.

The portable extinguisher segment accounted for the largest share in 2018. Portable fire extinguishers are preferred as they are handy and can be used in all types of fire prominent zones, including residential, commercial, and industrial sectors.

The fire sprinkler system market has grown up in recent times due to the tremendous growth in home automation and heightened concerns toward safety and awareness. This, in turn, is driving the market growth for subsystems - sprinkler heads, which is a major determining component of the sprinkler system.

Fire detectors, alarms, and control panels are major devices used in the industrial segment. As threats are high in marine and oil and gas industries, fire code compliance is strict. Furthermore, the growth of the oil and petroleum industry is expected to affect the market positively. The increase in oil and gas demand requires safety and security in infrastructural facilities. This, in turn, requires additional workspace and improved safety standards, which can provide growth opportunities for the fire detection and

suppression equipment market. Manufacturing industries, such as automobiles and coal require efficient evacuation methods. Hence the implementation of video and voice evacuation techniques is highly endorsed. As the global fleet growth is expected to grow during the forecast period, it is likely to increase growth opportunities in the fire detection and suppression equipment market in new fleets and construction sites. Further, the increase in global industrial production is expected to trigger safety requirements in the production process, thereby increasing the share of safety equipment in the market.

### Market Segmentation by Fire Detection

Control Panels

Fire Detectors

Alarms

Manual Call Points

Video Smoke Detector Software

### Market Segmentation by Fire Suppression

Portable Fire Extinguishers

Sprinkler Heads

Water Mist Systems

Gaseous Suppression

### Market Segmentation by End-users

Commercial

Industrial

## Residential

### Fire Detection and Suppression Equipment Market: Geography

Standardization and stringency of safety regulations worldwide is directly influencing the fire detection and suppression equipment market. Economic situations and the increasing penetration of IoT in the equipment are other factors affecting market growth. Increasing demand for photoelectric detectors, the growing popularity of hardwired with battery type smoke detectors, and the increasing need for asset protection are playing an important role in fueling the demand for the safety equipment.

Europe is the largest market and the region is known for its stringent safety regulations, including fire prevention. The combination of strict safety regulations with construction activities paves a growth path for the smoke detector market in Europe. Germany, France, and the UK are the market leaders in Europe.

North America is the second-largest market. The US and Canada are the major revenue contributors to the market as there is a surge in the adoption of safety equipment due to increased compliance of fire safety norms. Moreover, the rapid adoption of photoelectric and dual smoke detectors is expected to influence the market during the forecast period positively.

### Market Segmentation by Geography

#### Europe

Germany

France

Italy

UK

Spain

#### APAC

China

Japan

India

Australia

South Korea

North America

US

Canada

Latin America

Mexico

Brazil

MEA

Saudi Arabia

South Africa

UAE

## Key Vendor Analysis

Strict regulations and increased fire code compliance are increasing the installation of fire detectors and suppressors. The market is a fragmented one due to the presence of a few global market leaders. Bosch, UTC, Siemens, Honeywell, and Johnson Controls dominate the market. Bosch is considered to be a forerunner in innovation and technology. The company's implementation of IoT-based remote diagnostics is a benchmark for its market followers. The invention of the Bi-Directional Amplifier, which

is used to reduce the response times in an emergency, is expected to revolutionize the market. The market is generally based on the red ocean strategy, where there is a fierce competition between existing manufacturers. Competitors are adopting expansion strategies, using intense distribution channels, implementing new price structures, developing new products to increase their competitive edge in the market.

#### Key Vendors

Johnson Controls

Honeywell International

United Technologies

Siemens

Schneider Electric

Bosch

#### Other Prominent Vendors

Samsung Electronics

Roost

Huawei

BRK Brands

AMP Security

Birdi

Leeo

Netatmo

Telus

Vivint

Alder

ADT

Konig

Xfinity (Comcast)

Yale

AS Valnes

Eve Systems

Mircom

Gentex

SECOM

Emerson Electric

Senju Sprinkler

Viking Group

Smith-Cooper International

Erico (Nvent)

Reliable Automatic Sprinkler

Globe Fire Sprinkler

Uponor

Plumis

HD Fire Protect

M?PRO

Lubrizol

Fireline Sprinkler

Todd Morris Fire Protection

## Key Market Insights

The report provides the following insights into the fire detection and suppression equipment market for the forecast period 2019–2024.

Offers market sizing and growth prospects of the air conditioner market for the forecast period 2019–2024.

Provides comprehensive insights on the latest industry trends, market forecast, and growth drivers in the fire detection and suppression equipment market.

Includes a detailed analysis of market growth drivers, challenges, and investment opportunities.

Delivers a complete overview of market segments and the regional outlook of the market.

Offers an exhaustive summary of the vendor landscape, competitive analysis, and key market strategies to gain a competitive advantage in the fire detection and suppression equipment market.



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