

Fire Sprinkler Market by Type (Products and Services), Component (Stop Valve, Alarm Valve, Fire Sprinkler Head, Alarm Test Valve, and Motorized Alarm Bell), Technology (Active Fire Protection and Passive Fire Protection), and Application (Residential, Commercial, and Industrial): Global Opportunity Analysis and Industry Forecast, 2020–2027

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Abstracts

The global fire sprinkler market was valued at \$10,200.0 million in 2019, and is projected to reach \$14,525.5 million by 2027, registering a CAGR of 6.5% from 2020 to 2027. Fire sprinklers come under the category of fire suppression systems. They help reduce of greenhouse gas emissions from buildings during fire incidents. It also reduces the amount of water required for fire suppression as compared to traditional fire suppression devices as fire sprinklers are capable of detecting and controlling spread of fire with minimal use of water. Fire sprinklers have become an essential part of fire safety infrastructure in residential and non-residential buildings. Fire sprinklers are extensively used in industries such as oil & gas, telecommunication, mining, energy & power, and data centres, where loss due to fire hazards is very high.

Rise in residential and non-residential construction activities, owing to rapid urbanization and surge in population in developing and developed countries such as China, India, Russia, Germany, the UK, the U.S., and Canada boost the market growth. For instance, in October 2020, Federal Statistical Office in Germany released data about the construction industry of Germany. According to this data, the construction industry in Germany has registered an increase of 3.4% in August 2020 compared to July 2020.

This surge in residential and non-residential construction activities is expected to result

into the need for safety of human life and its surroundings from fire hazards, which is expected to propel growth of fire sprinkler market during the forecast period. In addition, governments of different countries are implementing strict fire regulations to ensure safety and reduce casualty that arise from fire hazards.

For instance, in India fire sprinklers are compulsory for industrial buildings, commercial spaces, hospitals, hotels, and educational institutes as per part 4 of NBC (National Building Code). Further, rise in awareness related to fire hazards is also expected to fuel growth of the fire sprinkler market during the forecast period.

High installation cost, owing to complex assembly of fire sprinklers is expected to hamper the market growth. In addition, raw materials used to manufacture fire sprinkler systems such as steel, aluminium, glass, and plastic are very sensitive to forces of demand and supply in commodities market, which affects profit margin of manufacturers. These factors are expected to restrain growth of fire sprinkler market during the forecast period. In addition, design, installation, and maintenance of fire sprinkler systems require trained technicians and fire-safety specialists. Hence, lack of skilled manpower is expected to hinder growth of the fire sprinkler market during the forecast period.

Technological advancements in the fire safety industry such as smart heat sensors and IoT (Internet of Things) are anticipated to offer lucrative growth opportunities for new entrants in the market, which is expected to propel growth of the fire sprinkler market during the forecast period.

The global fire sprinkler market is classified into type, component, technology, application, and region. Depending on type, the market is segmented into products and services. The products segment is further classified into wet sprinkler system, dry sprinkler system, pre action sprinkler system, and deluge sprinkler system. The services segment is bifurcated into engineering services, installation & design, maintenance services, and inspection & managed services. By component, the market is bifurcated into stop valve, alarm valve, fire sprinkler head, alarm test valve, and motorized alarm bell. By technology, it is bifurcated into active fire protection and passive fire protection. By application, it is divided into residential, commercial, and industrial.

Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. North America is expected to dominate the global market in 2019, owing to growth in technical advancements in fire protection systems and increase in infrastructure investments.

COMPETITION ANALYSIS

Key companies profiled in the report for the fire sprinkler market include AG Fire Sprinkler, American Fire Technologies, APi Group, GW Sprinkler A/S, Honeywell International Inc., Johnson Controls International Plc, Minimax GmbH & Co. KG, Robert Bosch GmbH, Siemens AG, and SIRON Fire Protection.

KEY BENEFITS FOR STAKEHOLDERS

The report provides an extensive analysis of the current and emerging fire sprinkler market trends and dynamics.

In-depth fire sprinkler market analysis is conducted by constructing market estimations for the key market segments between 2020 and 2027.

Extensive analysis is conducted by following key product positioning and monitoring of the top competitors within the market framework.

A comprehensive analysis of all the regions is provided to determine the prevailing opportunities.

The global fire sprinkler market forecast analysis from 2020 to 2027 is included in the report.

The key players within fire sprinkler market are profiled in this report and their strategies are analyzed thoroughly, which help to understand the competitive outlook of the fire sprinkler industry.

GLOBAL FIRE SPRINKLER MARKET SEGMENTS

BY TYPE

Products

Services

BY COMPONENT

Stop Valve

Alarm Valve

Fire Sprinkler Head

Alarm Test Valve

Motorized Alarm Bell

BY TECHNOLOGY

Active Fire Protection

Passive Fire Protection

BY APPLICATION

Residential

Commercial

Industrial

BY REGION

North America

U.S.

Canada

Mexico

Europe

Germany

France

UK

Italy

Spain

Sweden

Russia

Rest of Europe

Asia-Pacific

China

India

Japan

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

KEY PLAYERS

AG Fire Sprinkler

American Fire Technologies

APi Group

GW Sprinkler A/S

Honeywell International Inc.

Johnson Controls International Plc

Minimax GmbH & Co. KG

Robert Bosch GmbH

Siemens AG

SIRON Fire Protection

List of Company Profiles

Key companies profiled in the report for the market include AG Fire Sprinkler, American Fire Technologies, APi Group, GW Sprinkler A/S, Honeywell International Inc., Johnson Controls International Plc, Minimax GmbH & Co. KG, Robert Bosch GmbH, Siemens AG, and SIRON Fire Protection. Acquisition, partnership, and product launch are the key strategies being adopted by key players to remain competitive in the market. For instance, in January 2017, Johnson Controls International Inc. based in the U.S. established strategic partnership with Caterpillar, based in the U.S.,

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