

Fire Sprinklers Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global fire sprinklers market size reached US\$ 12.2 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 18.0 Billion by 2028, exhibiting a growth rate (CAGR) of 6.6% during 2023-2028.

A fire sprinkler system consists of a water supply and distribution piping system installed on walls or ceilings. It gets activated once the sprinkler head reaches the activation temperature in case of a fire breakout and sprays high-pressure water over the flames to extinguish them. In recent years, these systems have gained popularity across the residential, transportation and healthcare sectors. Various insurance firms are also providing incentives for installing these systems which has led to an increase in their sales worldwide.

Industries like oil and gas, mining, and petrochemical are prone to fire accidents as they deal with flammable materials regularly. Owing to the frequent loss of life and possessions in fire incidences, the installation rate of these sprinkler systems has escalated in the past few years. Moreover, manufacturers are continuously improving their products and introducing high-performance systems with minimal water wastage. For example, HI-FOG technology enables the flames to cool down effectively and displaces oxygen locally while using comparatively less water than traditional sprinkler systems. Manufacturers have also introduced high-performance automatic systems which employ thermal radiation technology to detect fires. Additionally, governments across the globe are also imposing strict regulations for the installation of fire sprinklers in both public and private establishments. For instance, the National Building Code of India has mandated the installation of automatic sprinkler systems, fire extinguishers

and water sprays. Similarly, the NFPA “Building Construction and Safety Code” in the US includes a requirement for home fire sprinklers in one- and two-family dwellings. Some of the other key factor driving the market include growth in the construction and real estate sector, technological advancements, environmental benefits, etc.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global fire sprinklers market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on product type, service, component, application and technology.

Breakup by Product Type:

- Wet Pipe Fire Sprinklers
- Dry Pipe Fire Sprinklers
- Deluge Systems
- Pre-Action Systems
- Others

Breakup by Service:

- Engineering Services
- Installation
- Design Maintenance
- Inspection
- Managed Services
- Others

Breakup by Component:

- Stop Valve
- Alarm Valve
- Fire Sprinkler Head
- Alarm Test Valve
- Motorized Alarm Bell

Breakup by Application:

Commercial Applications
Residential Applications
Industrial Applications

Breakup by Technology:

Active Fire Protection
Passive Fire Protection

Breakup by Region:

North America
Asia Pacific
Europe
Middle East and Africa
Latin America

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Honeywell International, Johnson Controls, Minimax GmbH & Co. KG, API Group Inc., United Technologies Corporation, Robert Bosch GmbH, Hochiki Corporation, VT MAK, Siemens AG, etc.

Key Questions Answered in This Report:

How has the global fire sprinklers market performed so far and how will it perform in the coming years?

What are the key regional markets in the global fire sprinklers industry?

What has been the impact of COVID-19 on the global fire sprinklers industry?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the service?

What is the breakup of the market based on the component?

What is the breakup of the market based on the application?

What is the breakup of the market based on the technology?

What are the various stages in the value chain of the global fire sprinklers industry?

What are the key driving factors and challenges in the global fire sprinklers industry?

What is the structure of the global fire sprinklers industry and who are the key players?

What is the degree of competition in the global fire sprinklers industry?
What are the profit margins in the global fire sprinklers industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL FIRE SPRINKLERS MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market by Product Type
- 5.5 Market by Service
- 5.6 Market by Component
- 5.7 Market by Technology
- 5.8 Market by Application
- 5.9 Market by Region
- 5.10 Market Forecast

6 MARKET BY PRODUCT TYPE

- 6.1 Wet Pipe Fire Sprinklers

- 6.1.1 Market Trends
- 6.1.2 Market Forecast
- 6.2 Dry Pipe Fire Sprinklers
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Deluge Systems
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Pre-Action Systems
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Others
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast

7 MARKET BY SERVICE

- 7.1 Engineering Services
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Installation
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Design Maintenance
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Inspection
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Managed Services
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Others
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast

8 MARKET BY COMPONENT

- 8.1 Stop Valve

- 8.1.1 Market Trends
- 8.1.2 Market Forecast
- 8.2 Alarm Valve
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Fire Sprinkler Head
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Alarm Test Valve
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast
- 8.5 Motorized Alarm Bell
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast

9 MARKET BY APPLICATION

- 9.1 Commercial Applications
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Residential Applications
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Industrial Applications
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast

10 MARKET BY TECHNOLOGY

- 10.1 Active Fire Protection
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast
- 10.2 Passive Fire Protection
 - 10.2.1 Market Trends
 - 10.2.2 Market Forecast

11 MARKET BY REGION

- 11.1 North America

- 11.1.1 Market Trends
- 11.1.2 Market Forecast
- 11.2 Asia Pacific
 - 11.2.1 Market Trends
 - 11.2.2 Market Forecast
- 11.3 Europe
 - 11.3.1 Market Trends
 - 11.3.2 Market Forecast
- 11.4 Middle East and Africa
 - 11.4.1 Market Trends
 - 11.4.2 Market Forecast
- 11.5 Latin America
 - 11.5.1 Market Trends
 - 11.5.2 Market Forecast

12 SWOT ANALYSIS

- 12.1 Overview
- 12.2 Strengths
- 12.3 Weaknesses
- 12.4 Opportunities
- 12.5 Threats

13 VALUE CHAIN ANALYSIS

14 PORTERS FIVE FORCES ANALYSIS

- 14.1 Overview
- 14.2 Bargaining Power of Buyers
- 14.3 Bargaining Power of Suppliers
- 14.4 Degree of Competition
- 14.5 Threat of New Entrants
- 14.6 Threat of Substitutes

15 PRICE ANALYSIS

16 COMPETITIVE LANDSCAPE

- 16.1 Market Structure

16.2 Key Players

16.3 Profiles of Key Players

16.3.1 Honeywell International

16.3.2 Johnson Controls

16.3.3 Minimax GmbH & Co. KG

16.3.4 API Group Inc.

16.3.5 United Technologies Corporation

16.3.6 Robert Bosch GmbH

16.3.7 Hochiki Corporation

16.3.8 VT MAK

16.3.9 Siemens AG

List Of Tables

LIST OF TABLES

Table 1: Global: Fire Sprinklers Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Fire Sprinklers Market Forecast: Breakup by Product Type (in Million US\$), 2023-2028

Table 3: Global: Fire Sprinklers Market Forecast: Breakup by Service (in Million US\$), 2023-2028

Table 4: Global: Fire Sprinklers Market Forecast: Breakup by Component (in Million US\$), 2023-2028

Table 5: Global: Fire Sprinklers Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 6: Global: Fire Sprinklers Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 7: Global: Fire Sprinklers Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 8: Global: Fire Sprinklers Market Structure

Table 9: Global: Fire Sprinklers Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Fire Sprinklers Market: Major Drivers and Challenges

Figure 2: Global: Fire Sprinklers Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Fire Sprinklers Market: Breakup by Product Type (in %), 2022

Figure 4: Global: Fire Sprinklers Market: Breakup by Service (in %), 2022

Figure 5: Global: Fire Sprinklers Market: Breakup by Component (in %), 2022

Figure 6: Global: Fire Sprinklers Market: Breakup by Application (in %), 2022

Figure 7: Global: Fire Sprinklers Market: Breakup by Technology (in %), 2022

Figure 8: Global: Fire Sprinklers Market: Breakup by Region (in %), 2022

Figure 9: Global: Fire Sprinklers Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 10: Global: Fire Sprinklers Industry: SWOT Analysis

Figure 11: Global: Fire Sprinklers Industry: Value Chain Analysis

Figure 12: Global: Fire Sprinklers Industry: Porter's Five Forces Analysis

Figure 13: Global: Fire Sprinklers (Wet Pipe Fire Sprinklers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Fire Sprinklers (Wet Pipe Fire Sprinklers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Fire Sprinklers (Dry Pipe Fire Sprinklers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Fire Sprinklers (Dry Pipe Fire Sprinklers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Fire Sprinklers (Deluge Systems) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Fire Sprinklers (Deluge Systems) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Fire Sprinklers (Pre-Action Systems) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Fire Sprinklers (Pre-Action Systems) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Fire Sprinklers (Other Product Types) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Fire Sprinklers (Other Product Types) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Fire Sprinklers (Engineering Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Fire Sprinklers (Engineering Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Fire Sprinklers (Installation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Fire Sprinklers (Installation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Fire Sprinklers (Design Maintenance) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Fire Sprinklers (Design Maintenance) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Fire Sprinklers (Inspection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Fire Sprinklers (Inspection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: Fire Sprinklers (Managed Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: Fire Sprinklers (Managed Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: Fire Sprinklers (Other Services) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: Fire Sprinklers (Other Services) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: Fire Sprinklers (Stop Valve) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: Fire Sprinklers (Stop Valve) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: Fire Sprinklers (Alarm Valve) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Global: Fire Sprinklers (Alarm Valve) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Global: Fire Sprinklers (Fire Sprinkler Head) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Global: Fire Sprinklers (Fire Sprinkler Head) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Global: Fire Sprinklers (Alarm Test Valve) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Global: Fire Sprinklers (Alarm Test Valve) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43 : Global: Fire Sprinklers (Motorized Alarm Bell) Market: Sales Value (in Million

US\$), 2017 & 2022

Figure 44: Global: Fire Sprinklers (Motorized Alarm Bell) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Global: Fire Sprinklers (Commercial Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Global: Fire Sprinklers (Commercial Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Global: Fire Sprinklers (Residential Applications Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Global: Fire Sprinklers (Residential Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Global: Fire Sprinklers (Industrial Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Global: Fire Sprinklers (Industrial Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Global: Fire Sprinklers (Active Fire Protection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Global: Fire Sprinklers (Active Fire Protection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Global: Fire Sprinklers (Passive Fire Protection) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Global: Fire Sprinklers (Passive Fire Protection) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: North America: Fire Sprinklers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: North America: Fire Sprinklers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Asia Pacific: Fire Sprinklers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Asia Pacific: Fire Sprinklers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Europe: Fire Sprinklers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Europe: Fire Sprinklers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Middle East and Africa: Fire Sprinklers Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Middle East and Africa: Fire Sprinklers Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Latin America: Fire Sprinklers Market: Sales Value (in Million US\$), 2017 &

2022

Figure 64: Latin America: Fire Sprinklers Market Forecast: Sales Value (in Million US\$),
2023-2028

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