

# Global Flameless Explosion Venting Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GD4E2345C786EN.html>

Date: January 2026

Pages: 150

Price: US\$ 4,480.00 (Single User License)

ID: GD4E2345C786EN

## Abstracts

The global Flameless Explosion Venting market size is expected to reach \$ 264 million by 2032, rising at a market growth of 5.0% CAGR during the forecast period (2026-2032).

Flameless Explosion Venting is an explosion protection method that combines a pressure relief vent with an integrated flame-quenching element, allowing explosion pressure to be safely released without external flame propagation. It is primarily used where conventional explosion venting (which discharges flames outdoors) is not possible, such as indoor installations or space-constrained industrial environments. In 2025, global Flameless Explosion Venting production reached approximately 88 K units, with an average global market price of around US\$ 2000 per unit. The production capacity for Flameless Explosion Venting in 2025 was approximately 100 K units. The typical gross profit margin for Flameless Explosion Venting is between 20% and 40%. The Flameless Explosion Venting market represents a specialized segment within the industrial explosion protection industry, driven by increasing safety requirements for indoor installations and space-constrained process equipment. Flameless explosion venting devices are designed to relieve explosion pressure while suppressing flame and hot gas discharge, making them essential for applications where conventional explosion venting to open areas is not feasible. Demand is primarily generated by dust-handling industries, including food processing, pharmaceuticals, chemicals, wood processing, and metal powder handling, where regulatory compliance with standards such as ATEX (EN 16009) and NFPA is mandatory. Although the market size is relatively smaller than conventional explosion venting, it is characterized by high technical barriers, strict certification requirements, and stable growth, supported by industrial safety upgrades and tighter explosion protection regulations worldwide.

This report studies the global Flameless Explosion Venting production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Flameless Explosion Venting and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Flameless Explosion Venting that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Flameless Explosion Venting total production and demand, 2021-2032, (K Units)

Global Flameless Explosion Venting total production value, 2021-2032, (USD Million)

Global Flameless Explosion Venting production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Flameless Explosion Venting consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Flameless Explosion Venting domestic production, consumption, key domestic manufacturers and share

Global Flameless Explosion Venting production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Flameless Explosion Venting production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Flameless Explosion Venting production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Flameless Explosion Venting market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include REMBE, IEP Technologies, Fike Corporation, Keller, STIF, RSBP spol, Camfil, Adix Ingenier?a, StuvEx International, Boss Products, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Flameless Explosion Venting market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Flameless Explosion Venting Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Flameless Explosion Venting Market, Segmentation by Type:

Flame Arrester

Energy Absorption

Others

#### Global Flameless Explosion Venting Market, Segmentation by Installation Method:

Side-mounted

Top-mounted

Inline

#### Global Flameless Explosion Venting Market, Segmentation by Explosive Material:

For Dust Explosions

For Combustible Gas Use

## Global Flameless Explosion Venting Market, Segmentation by Application:

Industrial Dust Collection & Powder Handling

Food & Agricultural Processing

Chemical & Pharmaceutical Industry

Metal Processing & Battery Materials

Others

## Companies Profiled:

REMBE

IEP Technologies

Fike Corporation

Keller

STIF

RSBP spol

Camfil

Adix Ingenier?a

StuvEx International

Boss Products

CV Technology

Brilex

ATEX

VIGILEX

BS&B Safety Systems

VilloTech

Nederman

Zhengzhou Zhongtai Anke Powder Technology

Dingguan Huile Environmental Protection

**Key Questions Answered:**

1. How big is the global Flameless Explosion Venting market?
2. What is the demand of the global Flameless Explosion Venting market?
3. What is the year over year growth of the global Flameless Explosion Venting market?
4. What is the production and production value of the global Flameless Explosion Venting market?
5. Who are the key producers in the global Flameless Explosion Venting market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Flameless Explosion Venting Introduction
- 1.2 World Flameless Explosion Venting Supply & Forecast
  - 1.2.1 World Flameless Explosion Venting Production Value (2021 & 2025 & 2032)
  - 1.2.2 World Flameless Explosion Venting Production (2021-2032)
  - 1.2.3 World Flameless Explosion Venting Pricing Trends (2021-2032)
- 1.3 World Flameless Explosion Venting Production by Region (Based on Production Site)
  - 1.3.1 World Flameless Explosion Venting Production Value by Region (2021-2032)
  - 1.3.2 World Flameless Explosion Venting Production by Region (2021-2032)
  - 1.3.3 World Flameless Explosion Venting Average Price by Region (2021-2032)
  - 1.3.4 North America Flameless Explosion Venting Production (2021-2032)
  - 1.3.5 Europe Flameless Explosion Venting Production (2021-2032)
  - 1.3.6 China Flameless Explosion Venting Production (2021-2032)
  - 1.3.7 Japan Flameless Explosion Venting Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Flameless Explosion Venting Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Flameless Explosion Venting Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Flameless Explosion Venting Demand (2021-2032)
- 2.2 World Flameless Explosion Venting Consumption by Region
  - 2.2.1 World Flameless Explosion Venting Consumption by Region (2021-2026)
  - 2.2.2 World Flameless Explosion Venting Consumption Forecast by Region (2027-2032)
- 2.3 United States Flameless Explosion Venting Consumption (2021-2032)
- 2.4 China Flameless Explosion Venting Consumption (2021-2032)
- 2.5 Europe Flameless Explosion Venting Consumption (2021-2032)
- 2.6 Japan Flameless Explosion Venting Consumption (2021-2032)
- 2.7 South Korea Flameless Explosion Venting Consumption (2021-2032)
- 2.8 ASEAN Flameless Explosion Venting Consumption (2021-2032)
- 2.9 India Flameless Explosion Venting Consumption (2021-2032)

### 3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Flameless Explosion Venting Production Value by Manufacturer (2021-2026)
- 3.2 World Flameless Explosion Venting Production by Manufacturer (2021-2026)
- 3.3 World Flameless Explosion Venting Average Price by Manufacturer (2021-2026)
- 3.4 Flameless Explosion Venting Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Flameless Explosion Venting Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Flameless Explosion Venting in 2025
  - 3.5.3 Global Concentration Ratios (CR8) for Flameless Explosion Venting in 2025
- 3.6 Flameless Explosion Venting Market: Overall Company Footprint Analysis
  - 3.6.1 Flameless Explosion Venting Market: Region Footprint
  - 3.6.2 Flameless Explosion Venting Market: Company Product Type Footprint
  - 3.6.3 Flameless Explosion Venting Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

## **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: Flameless Explosion Venting Production Value Comparison
  - 4.1.1 United States VS China: Flameless Explosion Venting Production Value Comparison (2021 & 2025 & 2032)
  - 4.1.2 United States VS China: Flameless Explosion Venting Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Flameless Explosion Venting Production Comparison
  - 4.2.1 United States VS China: Flameless Explosion Venting Production Comparison (2021 & 2025 & 2032)
  - 4.2.2 United States VS China: Flameless Explosion Venting Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Flameless Explosion Venting Consumption Comparison
  - 4.3.1 United States VS China: Flameless Explosion Venting Consumption Comparison (2021 & 2025 & 2032)
  - 4.3.2 United States VS China: Flameless Explosion Venting Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Flameless Explosion Venting Manufacturers and Market

Share, 2021-2026

4.4.1 United States Based Flameless Explosion Venting Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Flameless Explosion Venting Production Value (2021-2026)

4.4.3 United States Based Manufacturers Flameless Explosion Venting Production (2021-2026)

4.5 China Based Flameless Explosion Venting Manufacturers and Market Share

4.5.1 China Based Flameless Explosion Venting Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Flameless Explosion Venting Production Value (2021-2026)

4.5.3 China Based Manufacturers Flameless Explosion Venting Production (2021-2026)

4.6 Rest of World Based Flameless Explosion Venting Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Flameless Explosion Venting Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Flameless Explosion Venting Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Flameless Explosion Venting Production (2021-2026)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Flameless Explosion Venting Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Flame Arrester

5.2.2 Energy Absorption

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Flameless Explosion Venting Production by Type (2021-2032)

5.3.2 World Flameless Explosion Venting Production Value by Type (2021-2032)

5.3.3 World Flameless Explosion Venting Average Price by Type (2021-2032)

## **6 MARKET ANALYSIS BY INSTALLATION METHOD**

6.1 World Flameless Explosion Venting Market Size Overview by Installation Method:

2021 VS 2025 VS 2032

6.2 Segment Introduction by Installation Method

6.2.1 Side-mounted

6.2.2 Top-mounted

6.2.3 Inline

6.3 Market Segment by Installation Method

6.3.1 World Flameless Explosion Venting Production by Installation Method  
(2021-2032)

6.3.2 World Flameless Explosion Venting Production Value by Installation Method  
(2021-2032)

6.3.3 World Flameless Explosion Venting Average Price by Installation Method  
(2021-2032)

## **7 MARKET ANALYSIS BY EXPLOSIVE MATERIAL**

7.1 World Flameless Explosion Venting Market Size Overview by Explosive Material:  
2021 VS 2025 VS 2032

7.2 Segment Introduction by Explosive Material

7.2.1 For Dust Explosions

7.2.2 For Combustible Gas Use

7.3 Market Segment by Explosive Material

7.3.1 World Flameless Explosion Venting Production by Explosive Material  
(2021-2032)

7.3.2 World Flameless Explosion Venting Production Value by Explosive Material  
(2021-2032)

7.3.3 World Flameless Explosion Venting Average Price by Explosive Material  
(2021-2032)

## **8 MARKET ANALYSIS BY APPLICATION**

8.1 World Flameless Explosion Venting Market Size Overview by Application: 2021 VS  
2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Industrial Dust Collection & Powder Handling

8.2.2 Food & Agricultural Processing

8.2.3 Chemical & Pharmaceutical Industry

8.2.4 Metal Processing & Battery Materials

8.2.5 Others

8.3 Market Segment by Application

- 8.3.1 World Flameless Explosion Venting Production by Application (2021-2032)
- 8.3.2 World Flameless Explosion Venting Production Value by Application (2021-2032)
- 8.3.3 World Flameless Explosion Venting Average Price by Application (2021-2032)

## **9 COMPANY PROFILES**

### **9.1 REMBE**

- 9.1.1 REMBE Details
- 9.1.2 REMBE Major Business
- 9.1.3 REMBE Flameless Explosion Venting Product and Services
- 9.1.4 REMBE Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.1.5 REMBE Recent Developments/Updates
- 9.1.6 REMBE Competitive Strengths & Weaknesses

### **9.2 IEP Technologies**

- 9.2.1 IEP Technologies Details
- 9.2.2 IEP Technologies Major Business
- 9.2.3 IEP Technologies Flameless Explosion Venting Product and Services
- 9.2.4 IEP Technologies Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 IEP Technologies Recent Developments/Updates
- 9.2.6 IEP Technologies Competitive Strengths & Weaknesses

### **9.3 Fike Corporation**

- 9.3.1 Fike Corporation Details
- 9.3.2 Fike Corporation Major Business
- 9.3.3 Fike Corporation Flameless Explosion Venting Product and Services
- 9.3.4 Fike Corporation Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.3.5 Fike Corporation Recent Developments/Updates
- 9.3.6 Fike Corporation Competitive Strengths & Weaknesses

### **9.4 Keller**

- 9.4.1 Keller Details
- 9.4.2 Keller Major Business
- 9.4.3 Keller Flameless Explosion Venting Product and Services
- 9.4.4 Keller Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.4.5 Keller Recent Developments/Updates
- 9.4.6 Keller Competitive Strengths & Weaknesses

### **9.5 STIF**

- 9.5.1 STIF Details
- 9.5.2 STIF Major Business
- 9.5.3 STIF Flameless Explosion Venting Product and Services
- 9.5.4 STIF Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.5.5 STIF Recent Developments/Updates
- 9.5.6 STIF Competitive Strengths & Weaknesses
- 9.6 RSBP spol
- 9.6.1 RSBP spol Details
- 9.6.2 RSBP spol Major Business
- 9.6.3 RSBP spol Flameless Explosion Venting Product and Services
- 9.6.4 RSBP spol Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.6.5 RSBP spol Recent Developments/Updates
- 9.6.6 RSBP spol Competitive Strengths & Weaknesses
- 9.7 Camfil
- 9.7.1 Camfil Details
- 9.7.2 Camfil Major Business
- 9.7.3 Camfil Flameless Explosion Venting Product and Services
- 9.7.4 Camfil Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 Camfil Recent Developments/Updates
- 9.7.6 Camfil Competitive Strengths & Weaknesses
- 9.8 Adix Ingenier?a
- 9.8.1 Adix Ingenier?a Details
- 9.8.2 Adix Ingenier?a Major Business
- 9.8.3 Adix Ingenier?a Flameless Explosion Venting Product and Services
- 9.8.4 Adix Ingenier?a Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.8.5 Adix Ingenier?a Recent Developments/Updates
- 9.8.6 Adix Ingenier?a Competitive Strengths & Weaknesses
- 9.9 StuvEx International
- 9.9.1 StuvEx International Details
- 9.9.2 StuvEx International Major Business
- 9.9.3 StuvEx International Flameless Explosion Venting Product and Services
- 9.9.4 StuvEx International Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.9.5 StuvEx International Recent Developments/Updates
- 9.9.6 StuvEx International Competitive Strengths & Weaknesses

## 9.10 Boss Products

9.10.1 Boss Products Details

9.10.2 Boss Products Major Business

9.10.3 Boss Products Flameless Explosion Venting Product and Services

9.10.4 Boss Products Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.10.5 Boss Products Recent Developments/Updates

9.10.6 Boss Products Competitive Strengths & Weaknesses

## 9.11 CV Technology

9.11.1 CV Technology Details

9.11.2 CV Technology Major Business

9.11.3 CV Technology Flameless Explosion Venting Product and Services

9.11.4 CV Technology Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 CV Technology Recent Developments/Updates

9.11.6 CV Technology Competitive Strengths & Weaknesses

## 9.12 Brilex

9.12.1 Brilex Details

9.12.2 Brilex Major Business

9.12.3 Brilex Flameless Explosion Venting Product and Services

9.12.4 Brilex Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Brilex Recent Developments/Updates

9.12.6 Brilex Competitive Strengths & Weaknesses

## 9.13 ATEX

9.13.1 ATEX Details

9.13.2 ATEX Major Business

9.13.3 ATEX Flameless Explosion Venting Product and Services

9.13.4 ATEX Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.13.5 ATEX Recent Developments/Updates

9.13.6 ATEX Competitive Strengths & Weaknesses

## 9.14 VIGILEX

9.14.1 VIGILEX Details

9.14.2 VIGILEX Major Business

9.14.3 VIGILEX Flameless Explosion Venting Product and Services

9.14.4 VIGILEX Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.14.5 VIGILEX Recent Developments/Updates

- 9.14.6 VIGILEX Competitive Strengths & Weaknesses
- 9.15 BS&B Safety Systems
  - 9.15.1 BS&B Safety Systems Details
  - 9.15.2 BS&B Safety Systems Major Business
  - 9.15.3 BS&B Safety Systems Flameless Explosion Venting Product and Services
  - 9.15.4 BS&B Safety Systems Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.15.5 BS&B Safety Systems Recent Developments/Updates
  - 9.15.6 BS&B Safety Systems Competitive Strengths & Weaknesses
- 9.16 VilloTech
  - 9.16.1 VilloTech Details
  - 9.16.2 VilloTech Major Business
  - 9.16.3 VilloTech Flameless Explosion Venting Product and Services
  - 9.16.4 VilloTech Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.16.5 VilloTech Recent Developments/Updates
  - 9.16.6 VilloTech Competitive Strengths & Weaknesses
- 9.17 Nederman
  - 9.17.1 Nederman Details
  - 9.17.2 Nederman Major Business
  - 9.17.3 Nederman Flameless Explosion Venting Product and Services
  - 9.17.4 Nederman Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.17.5 Nederman Recent Developments/Updates
  - 9.17.6 Nederman Competitive Strengths & Weaknesses
- 9.18 Zhengzhou Zhongtai Anke Powder Technology
  - 9.18.1 Zhengzhou Zhongtai Anke Powder Technology Details
  - 9.18.2 Zhengzhou Zhongtai Anke Powder Technology Major Business
  - 9.18.3 Zhengzhou Zhongtai Anke Powder Technology Flameless Explosion Venting Product and Services
  - 9.18.4 Zhengzhou Zhongtai Anke Powder Technology Flameless Explosion Venting Production, Price, Value, Gross Margin and Market Share (2021-2026)
  - 9.18.5 Zhengzhou Zhongtai Anke Powder Technology Recent Developments/Updates
  - 9.18.6 Zhengzhou Zhongtai Anke Powder Technology Competitive Strengths & Weaknesses
- 9.19 Dingguan Huile Environmental Protection
  - 9.19.1 Dingguan Huile Environmental Protection Details
  - 9.19.2 Dingguan Huile Environmental Protection Major Business
  - 9.19.3 Dingguan Huile Environmental Protection Flameless Explosion Venting Product

and Services

9.19.4 Dingguan Huile Environmental Protection Flameless Explosion Venting  
Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.19.5 Dingguan Huile Environmental Protection Recent Developments/Updates

9.19.6 Dingguan Huile Environmental Protection Competitive Strengths & Weaknesses

## **10 INDUSTRY CHAIN ANALYSIS**

10.1 Flameless Explosion Venting Industry Chain

10.2 Flameless Explosion Venting Upstream Analysis

10.2.1 Flameless Explosion Venting Core Raw Materials

10.2.2 Main Manufacturers of Flameless Explosion Venting Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Flameless Explosion Venting Production Mode

10.6 Flameless Explosion Venting Procurement Model

10.7 Flameless Explosion Venting Industry Sales Model and Sales Channels

10.7.1 Flameless Explosion Venting Sales Model

10.7.2 Flameless Explosion Venting Typical Distributors

## **11 RESEARCH FINDINGS AND CONCLUSION**

## **12 APPENDIX**

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Flameless Explosion Venting Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Flameless Explosion Venting Production Value by Region (2021-2026) & (USD Million)

Table 3. World Flameless Explosion Venting Production Value by Region (2027-2032) & (USD Million)

Table 4. World Flameless Explosion Venting Production Value Market Share by Region (2021-2026)

Table 5. World Flameless Explosion Venting Production Value Market Share by Region (2027-2032)

Table 6. World Flameless Explosion Venting Production by Region (2021-2026) & (K Units)

Table 7. World Flameless Explosion Venting Production by Region (2027-2032) & (K Units)

Table 8. World Flameless Explosion Venting Production Market Share by Region (2021-2026)

Table 9. World Flameless Explosion Venting Production Market Share by Region (2027-2032)

Table 10. World Flameless Explosion Venting Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Flameless Explosion Venting Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Flameless Explosion Venting Major Market Trends

Table 13. World Flameless Explosion Venting Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Flameless Explosion Venting Consumption by Region (2021-2026) & (K Units)

Table 15. World Flameless Explosion Venting Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Flameless Explosion Venting Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Flameless Explosion Venting Producers in 2025

Table 18. World Flameless Explosion Venting Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Flameless Explosion Venting Producers in 2025

Table 20. World Flameless Explosion Venting Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Flameless Explosion Venting Company Evaluation Quadrant

Table 22. World Flameless Explosion Venting Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Flameless Explosion Venting Production Site of Key Manufacturer

Table 24. Flameless Explosion Venting Market: Company Product Type Footprint

Table 25. Flameless Explosion Venting Market: Company Product Application Footprint

Table 26. Flameless Explosion Venting Competitive Factors

Table 27. Flameless Explosion Venting New Entrant and Capacity Expansion Plans

Table 28. Flameless Explosion Venting Mergers & Acquisitions Activity

Table 29. United States VS China Flameless Explosion Venting Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Flameless Explosion Venting Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Flameless Explosion Venting Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Flameless Explosion Venting Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Flameless Explosion Venting Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Flameless Explosion Venting Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Flameless Explosion Venting Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Flameless Explosion Venting Production Market Share (2021-2026)

Table 37. China Based Flameless Explosion Venting Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Flameless Explosion Venting Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Flameless Explosion Venting Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Flameless Explosion Venting Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Flameless Explosion Venting Production Market

Share (2021-2026)

Table 42. Rest of World Based Flameless Explosion Venting Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Flameless Explosion Venting Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Flameless Explosion Venting Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Flameless Explosion Venting Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Flameless Explosion Venting Production Market Share (2021-2026)

Table 47. World Flameless Explosion Venting Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Flameless Explosion Venting Production by Type (2021-2026) & (K Units)

Table 49. World Flameless Explosion Venting Production by Type (2027-2032) & (K Units)

Table 50. World Flameless Explosion Venting Production Value by Type (2021-2026) & (USD Million)

Table 51. World Flameless Explosion Venting Production Value by Type (2027-2032) & (USD Million)

Table 52. World Flameless Explosion Venting Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Flameless Explosion Venting Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Flameless Explosion Venting Production Value by Installation Method, (USD Million), 2021 & 2025 & 2032

Table 55. World Flameless Explosion Venting Production by Installation Method (2021-2026) & (K Units)

Table 56. World Flameless Explosion Venting Production by Installation Method (2027-2032) & (K Units)

Table 57. World Flameless Explosion Venting Production Value by Installation Method (2021-2026) & (USD Million)

Table 58. World Flameless Explosion Venting Production Value by Installation Method (2027-2032) & (USD Million)

Table 59. World Flameless Explosion Venting Average Price by Installation Method (2021-2026) & (US\$/Unit)

Table 60. World Flameless Explosion Venting Average Price by Installation Method (2027-2032) & (US\$/Unit)

Table 61. World Flameless Explosion Venting Production Value by Explosive Material, (USD Million), 2021 & 2025 & 2032

Table 62. World Flameless Explosion Venting Production by Explosive Material (2021-2026) & (K Units)

Table 63. World Flameless Explosion Venting Production by Explosive Material (2027-2032) & (K Units)

Table 64. World Flameless Explosion Venting Production Value by Explosive Material (2021-2026) & (USD Million)

Table 65. World Flameless Explosion Venting Production Value by Explosive Material (2027-2032) & (USD Million)

Table 66. World Flameless Explosion Venting Average Price by Explosive Material (2021-2026) & (US\$/Unit)

Table 67. World Flameless Explosion Venting Average Price by Explosive Material (2027-2032) & (US\$/Unit)

Table 68. World Flameless Explosion Venting Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Flameless Explosion Venting Production by Application (2021-2026) & (K Units)

Table 70. World Flameless Explosion Venting Production by Application (2027-2032) & (K Units)

Table 71. World Flameless Explosion Venting Production Value by Application (2021-2026) & (USD Million)

Table 72. World Flameless Explosion Venting Production Value by Application (2027-2032) & (USD Million)

Table 73. World Flameless Explosion Venting Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Flameless Explosion Venting Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. REMBE Basic Information, Manufacturing Base and Competitors

Table 76. REMBE Major Business

Table 77. REMBE Flameless Explosion Venting Product and Services

Table 78. REMBE Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. REMBE Recent Developments/Updates

Table 80. REMBE Competitive Strengths & Weaknesses

Table 81. IEP Technologies Basic Information, Manufacturing Base and Competitors

Table 82. IEP Technologies Major Business

Table 83. IEP Technologies Flameless Explosion Venting Product and Services

Table 84. IEP Technologies Flameless Explosion Venting Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. IEP Technologies Recent Developments/Updates

Table 86. IEP Technologies Competitive Strengths & Weaknesses

Table 87. Fike Corporation Basic Information, Manufacturing Base and Competitors

Table 88. Fike Corporation Major Business

Table 89. Fike Corporation Flameless Explosion Venting Product and Services

Table 90. Fike Corporation Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Fike Corporation Recent Developments/Updates

Table 92. Fike Corporation Competitive Strengths & Weaknesses

Table 93. Keller Basic Information, Manufacturing Base and Competitors

Table 94. Keller Major Business

Table 95. Keller Flameless Explosion Venting Product and Services

Table 96. Keller Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. Keller Recent Developments/Updates

Table 98. Keller Competitive Strengths & Weaknesses

Table 99. STIF Basic Information, Manufacturing Base and Competitors

Table 100. STIF Major Business

Table 101. STIF Flameless Explosion Venting Product and Services

Table 102. STIF Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. STIF Recent Developments/Updates

Table 104. STIF Competitive Strengths & Weaknesses

Table 105. RSBP spol Basic Information, Manufacturing Base and Competitors

Table 106. RSBP spol Major Business

Table 107. RSBP spol Flameless Explosion Venting Product and Services

Table 108. RSBP spol Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. RSBP spol Recent Developments/Updates

Table 110. RSBP spol Competitive Strengths & Weaknesses

Table 111. Camfil Basic Information, Manufacturing Base and Competitors

Table 112. Camfil Major Business

Table 113. Camfil Flameless Explosion Venting Product and Services

Table 114. Camfil Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

- Table 115. Camfil Recent Developments/Updates
- Table 116. Camfil Competitive Strengths & Weaknesses
- Table 117. Adix Ingenier?a Basic Information, Manufacturing Base and Competitors
- Table 118. Adix Ingenier?a Major Business
- Table 119. Adix Ingenier?a Flameless Explosion Venting Product and Services
- Table 120. Adix Ingenier?a Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Adix Ingenier?a Recent Developments/Updates
- Table 122. Adix Ingenier?a Competitive Strengths & Weaknesses
- Table 123. StuvEx International Basic Information, Manufacturing Base and Competitors
- Table 124. StuvEx International Major Business
- Table 125. StuvEx International Flameless Explosion Venting Product and Services
- Table 126. StuvEx International Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. StuvEx International Recent Developments/Updates
- Table 128. StuvEx International Competitive Strengths & Weaknesses
- Table 129. Boss Products Basic Information, Manufacturing Base and Competitors
- Table 130. Boss Products Major Business
- Table 131. Boss Products Flameless Explosion Venting Product and Services
- Table 132. Boss Products Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 133. Boss Products Recent Developments/Updates
- Table 134. Boss Products Competitive Strengths & Weaknesses
- Table 135. CV Technology Basic Information, Manufacturing Base and Competitors
- Table 136. CV Technology Major Business
- Table 137. CV Technology Flameless Explosion Venting Product and Services
- Table 138. CV Technology Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 139. CV Technology Recent Developments/Updates
- Table 140. CV Technology Competitive Strengths & Weaknesses
- Table 141. Brilex Basic Information, Manufacturing Base and Competitors
- Table 142. Brilex Major Business
- Table 143. Brilex Flameless Explosion Venting Product and Services
- Table 144. Brilex Flameless Explosion Venting Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Brilex Recent Developments/Updates

Table 146. Brilex Competitive Strengths & Weaknesses

Table 147. ATEX Basic Information, Manufacturing Base and Competitors

Table 148. ATEX Major Business

Table 149. ATEX Flameless Explosion Venting Product and Services

Table 150. ATEX Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 151. ATEX Recent Developments/Updates

Table 152. ATEX Competitive Strengths & Weaknesses

Table 153. VIGILEX Basic Information, Manufacturing Base and Competitors

Table 154. VIGILEX Major Business

Table 155. VIGILEX Flameless Explosion Venting Product and Services

Table 156. VIGILEX Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 157. VIGILEX Recent Developments/Updates

Table 158. VIGILEX Competitive Strengths & Weaknesses

Table 159. BS&B Safety Systems Basic Information, Manufacturing Base and Competitors

Table 160. BS&B Safety Systems Major Business

Table 161. BS&B Safety Systems Flameless Explosion Venting Product and Services

Table 162. BS&B Safety Systems Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 163. BS&B Safety Systems Recent Developments/Updates

Table 164. BS&B Safety Systems Competitive Strengths & Weaknesses

Table 165. VilloTech Basic Information, Manufacturing Base and Competitors

Table 166. VilloTech Major Business

Table 167. VilloTech Flameless Explosion Venting Product and Services

Table 168. VilloTech Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 169. VilloTech Recent Developments/Updates

Table 170. VilloTech Competitive Strengths & Weaknesses

Table 171. Nederman Basic Information, Manufacturing Base and Competitors

Table 172. Nederman Major Business

Table 173. Nederman Flameless Explosion Venting Product and Services

Table 174. Nederman Flameless Explosion Venting Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Nederman Recent Developments/Updates

Table 176. Nederman Competitive Strengths & Weaknesses

Table 177. Zhengzhou Zhongtai Anke Powder Technology Basic Information, Manufacturing Base and Competitors

Table 178. Zhengzhou Zhongtai Anke Powder Technology Major Business

Table 179. Zhengzhou Zhongtai Anke Powder Technology Flameless Explosion Venting Product and Services

Table 180. Zhengzhou Zhongtai Anke Powder Technology Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 181. Zhengzhou Zhongtai Anke Powder Technology Recent Developments/Updates

Table 182. Zhengzhou Zhongtai Anke Powder Technology Competitive Strengths & Weaknesses

Table 183. Dingguan Huile Environmental Protection Basic Information, Manufacturing Base and Competitors

Table 184. Dingguan Huile Environmental Protection Major Business

Table 185. Dingguan Huile Environmental Protection Flameless Explosion Venting Product and Services

Table 186. Dingguan Huile Environmental Protection Flameless Explosion Venting Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 187. Dingguan Huile Environmental Protection Recent Developments/Updates

Table 188. Dingguan Huile Environmental Protection Competitive Strengths & Weaknesses

Table 189. Global Key Players of Flameless Explosion Venting Upstream (Raw Materials)

Table 190. Global Flameless Explosion Venting Typical Customers

Table 191. Flameless Explosion Venting Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. Flameless Explosion Venting Picture

Figure 2. World Flameless Explosion Venting Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Flameless Explosion Venting Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Flameless Explosion Venting Production (2021-2032) & (K Units)

Figure 5. World Flameless Explosion Venting Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Flameless Explosion Venting Production Value Market Share by Region (2021-2032)

Figure 7. World Flameless Explosion Venting Production Market Share by Region (2021-2032)

Figure 8. North America Flameless Explosion Venting Production (2021-2032) & (K Units)

Figure 9. Europe Flameless Explosion Venting Production (2021-2032) & (K Units)

Figure 10. China Flameless Explosion Venting Production (2021-2032) & (K Units)

Figure 11. Japan Flameless Explosion Venting Production (2021-2032) & (K Units)

Figure 12. Flameless Explosion Venting Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 15. World Flameless Explosion Venting Consumption Market Share by Region (2021-2032)

Figure 16. United States Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 17. China Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 18. Europe Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 19. Japan Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 20. South Korea Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 22. India Flameless Explosion Venting Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Flameless Explosion Venting by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Flameless Explosion Venting Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Flameless Explosion

## Venting Markets in 2025

Figure 26. United States VS China: Flameless Explosion Venting Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Flameless Explosion Venting Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Flameless Explosion Venting Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Flameless Explosion Venting Production Market Share 2025

Figure 30. China Based Manufacturers Flameless Explosion Venting Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Flameless Explosion Venting Production Market Share 2025

Figure 32. World Flameless Explosion Venting Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Flameless Explosion Venting Production Value Market Share by Type in 2025

Figure 34. Flame Arrester

Figure 35. Energy Absorption

Figure 36. Others

Figure 37. World Flameless Explosion Venting Production Market Share by Type (2021-2032)

Figure 38. World Flameless Explosion Venting Production Value Market Share by Type (2021-2032)

Figure 39. World Flameless Explosion Venting Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World Flameless Explosion Venting Production Value by Installation Method, (USD Million), 2021 & 2025 & 2032

Figure 41. World Flameless Explosion Venting Production Value Market Share by Installation Method in 2025

Figure 42. Side-mounted

Figure 43. Top-mounted

Figure 44. Inline

Figure 45. World Flameless Explosion Venting Production Market Share by Installation Method (2021-2032)

Figure 46. World Flameless Explosion Venting Production Value Market Share by Installation Method (2021-2032)

Figure 47. World Flameless Explosion Venting Average Price by Installation Method (2021-2032) & (US\$/Unit)

Figure 48. World Flameless Explosion Venting Production Value by Explosive Material, (USD Million), 2021 & 2025 & 2032

Figure 49. World Flameless Explosion Venting Production Value Market Share by Explosive Material in 2025

Figure 50. For Dust Explosions

Figure 51. For Combustible Gas Use

Figure 52. World Flameless Explosion Venting Production Market Share by Explosive Material (2021-2032)

Figure 53. World Flameless Explosion Venting Production Value Market Share by Explosive Material (2021-2032)

Figure 54. World Flameless Explosion Venting Average Price by Explosive Material (2021-2032) & (US\$/Unit)

Figure 55. World Flameless Explosion Venting Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World Flameless Explosion Venting Production Value Market Share by Application in 2025

Figure 57. Industrial Dust Collection & Powder Handling

Figure 58. Food & Agricultural Processing

Figure 59. Chemical & Pharmaceutical Industry

Figure 60. Metal Processing & Battery Materials

Figure 61. Others

Figure 62. World Flameless Explosion Venting Production Market Share by Application (2021-2032)

Figure 63. World Flameless Explosion Venting Production Value Market Share by Application (2021-2032)

Figure 64. World Flameless Explosion Venting Average Price by Application (2021-2032) & (US\$/Unit)

Figure 65. Flameless Explosion Venting Industry Chain

Figure 66. Flameless Explosion Venting Procurement Model

Figure 67. Flameless Explosion Venting Sales Model

Figure 68. Flameless Explosion Venting Sales Channels, Direct Sales, and Distribution

Figure 69. Methodology

Figure 70. Research Process and Data Source

## I would like to order

Product name: Global Flameless Explosion Venting Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GD4E2345C786EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD4E2345C786EN.html>