

Global Diffusion Bonded Heat Exchanger Market Growth 2026-2032

<https://marketpublishers.com/r/G9F73D95BF2DEN.html>

Date: May 2026

Pages: 118

Price: US\$ 3,660.00 (Single User License)

ID: G9F73D95BF2DEN

Abstracts

The global Diffusion Bonded Heat Exchanger market size is predicted to grow from US\$ 313 million in 2025 to US\$ 422 million in 2032; it is expected to grow at a CAGR of 4.4% from 2026 to 2032.

A diffusion-bonded heat exchanger is a compact, all-metal heat exchanger core made by stacking thin metal plates that contain machined or chemically etched flow passages, then joining the stack into a single, monolithic block using diffusion bonding—a solid-state process where high temperature and pressure cause atoms to diffuse across the mating surfaces without melting or filler metal. The result is a gasket-free structure with very high integrity and excellent resistance to leakage, vibration, and thermal cycling, enabling operation at much higher pressures and temperatures than many conventional plate-and-frame exchangers while remaining far more compact than shell-and-tube designs. In industry, diffusion-bonded heat exchangers are commonly used for demanding services such as high-pressure gas cooling, cryogenic and LNG processes, hydrogen systems, and advanced power cycles (including supercritical CO₂ recuperation), and “printed circuit heat exchangers” are a well-known subtype where the flow channels are formed as fine microchannels in the plates before bonding. The price of a diffusion-bonded heat exchanger ranges from tens of thousands to millions of dollars, with annual sales of approximately one thousand units.

Diffusion-bonded heat exchangers are built on an upstream chain that starts with high-quality metal plate supply in stainless steels, duplex grades, nickel-based superalloys and sometimes titanium, followed by precision channel creation on plates using photochemical etching or high-accuracy machining, then diffusion-bonding furnace operations with tight control of temperature, pressure, surface preparation and cleanliness to produce a monolithic core; this is complemented by downstream-in-the-

factory steps like header and manifold fabrication, specialized welding, and rigorous inspection and testing such as hydrostatic pressure tests, helium leak checks and non-destructive examination, often under ASME or PED compliance. Downstream, these exchangers are specified by EPCs, integrators and end users and packaged into modules such as LNG and cryogenic cold boxes, hydrogen refuelling station pre-coolers and compression skids, offshore and subsea process equipment, high-pressure process gas interchangers, and recuperators/heat recovery units for supercritical CO₂ and other advanced power and thermal systems where compactness and extreme pressure/temperature capability are critical.

United States market for Diffusion Bonded Heat Exchanger is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Diffusion Bonded Heat Exchanger is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Diffusion Bonded Heat Exchanger is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Diffusion Bonded Heat Exchanger players cover Alfa Laval, Parker, Sumitomo Precision Products, Kobe Steel, Kelvion, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Diffusion Bonded Heat Exchanger Industry Forecast" looks at past sales and reviews total world Diffusion Bonded Heat Exchanger sales in 2025, providing a comprehensive analysis by region and market sector of projected Diffusion Bonded Heat Exchanger sales for 2026 through 2032. With Diffusion Bonded Heat Exchanger sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Diffusion Bonded Heat Exchanger industry.

This Insight Report provides a comprehensive analysis of the global Diffusion Bonded Heat Exchanger landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Diffusion Bonded Heat Exchanger portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Diffusion Bonded Heat Exchanger market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Diffusion Bonded Heat Exchanger and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Diffusion Bonded Heat Exchanger.

This report presents a comprehensive overview, market shares, and growth opportunities of Diffusion Bonded Heat Exchanger market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Below 90 MPa

90-120 MPa

Above 120 MPa

Segmentation by Maximum Design Temperature:

Below 500°C

500°C-800°C

Above 800°C

Segmentation by Material:

Stainless Steel

Nickel-based Alloys

Titanium Alloys

Segmentation by Application:

Oil & Gas

Marine

Power Generation

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Alfa Laval

Parker

Sumitomo Precision Products

Kobe Steel

Kelvion

Nexson Group

Lanzhou LS Heavy Equipment

Hangzhou Shenshi Energy Conservation

Doosan Enerbility

CompRex

Nexson

Tempco

Shanghai Heat Transfer Equipment

Key Questions Addressed in this Report

What is the 10-year outlook for the global Diffusion Bonded Heat Exchanger market?

What factors are driving Diffusion Bonded Heat Exchanger market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Diffusion Bonded Heat Exchanger market opportunities vary by end market size?

How does Diffusion Bonded Heat Exchanger break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Diffusion Bonded Heat Exchanger Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Diffusion Bonded Heat Exchanger by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Diffusion Bonded Heat Exchanger by Country/Region, 2021, 2025 & 2032

2.2 Diffusion Bonded Heat Exchanger Segment by Type

- 2.2.1 Below 90 MPa
- 2.2.2 90-120 MPa
- 2.2.3 Above 120 MPa
- 2.2.4 Diffusion Bonded Heat Exchanger Sales by Type
 - 2.2.4.1 Global Diffusion Bonded Heat Exchanger Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Diffusion Bonded Heat Exchanger Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Diffusion Bonded Heat Exchanger Sale Price by Type (2021-2026)

2.3 Diffusion Bonded Heat Exchanger Segment by Maximum Design Temperature

- 2.3.1 Below 500°C
- 2.3.2 500°C-800°C
- 2.3.3 Above 800°C
- 2.3.4 Diffusion Bonded Heat Exchanger Sales by Maximum Design Temperature
 - 2.3.4.1 Global Diffusion Bonded Heat Exchanger Sales Market Share by Maximum Design Temperature (2021-2026)
 - 2.3.4.2 Global Diffusion Bonded Heat Exchanger Revenue and Market Share by

Maximum Design Temperature (2021-2026)

2.3.4.3 Global Diffusion Bonded Heat Exchanger Sale Price by Maximum Design Temperature (2021-2026)

2.4 Diffusion Bonded Heat Exchanger Segment by Material

2.4.1 Stainless Steel

2.4.2 Nickel-based Alloys

2.4.3 Titanium Alloys

2.4.4 Diffusion Bonded Heat Exchanger Sales by Material

2.4.4.1 Global Diffusion Bonded Heat Exchanger Sales Market Share by Material (2021-2026)

2.4.4.2 Global Diffusion Bonded Heat Exchanger Revenue and Market Share by Material (2021-2026)

2.4.4.3 Global Diffusion Bonded Heat Exchanger Sale Price by Material (2021-2026)

2.5 Diffusion Bonded Heat Exchanger Segment by Application

2.5.1 Oil & Gas

2.5.2 Marine

2.5.3 Power Generation

2.5.4 Others

2.5.5 Diffusion Bonded Heat Exchanger Sales by Application

2.5.5.1 Global Diffusion Bonded Heat Exchanger Sale Market Share by Application (2021-2026)

2.5.5.2 Global Diffusion Bonded Heat Exchanger Revenue and Market Share by Application (2021-2026)

2.5.5.3 Global Diffusion Bonded Heat Exchanger Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Diffusion Bonded Heat Exchanger Breakdown Data by Company

3.1.1 Global Diffusion Bonded Heat Exchanger Annual Sales by Company (2021-2026)

3.1.2 Global Diffusion Bonded Heat Exchanger Sales Market Share by Company (2021-2026)

3.2 Global Diffusion Bonded Heat Exchanger Annual Revenue by Company (2021-2026)

3.2.1 Global Diffusion Bonded Heat Exchanger Revenue by Company (2021-2026)

3.2.2 Global Diffusion Bonded Heat Exchanger Revenue Market Share by Company (2021-2026)

3.3 Global Diffusion Bonded Heat Exchanger Sale Price by Company

3.4 Key Manufacturers Diffusion Bonded Heat Exchanger Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Diffusion Bonded Heat Exchanger Product Location Distribution

3.4.2 Players Diffusion Bonded Heat Exchanger Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR DIFFUSION BONDED HEAT EXCHANGER BY GEOGRAPHIC REGION

4.1 World Historic Diffusion Bonded Heat Exchanger Market Size by Geographic Region (2021-2026)

4.1.1 Global Diffusion Bonded Heat Exchanger Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Diffusion Bonded Heat Exchanger Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Diffusion Bonded Heat Exchanger Market Size by Country/Region (2021-2026)

4.2.1 Global Diffusion Bonded Heat Exchanger Annual Sales by Country/Region (2021-2026)

4.2.2 Global Diffusion Bonded Heat Exchanger Annual Revenue by Country/Region (2021-2026)

4.3 Americas Diffusion Bonded Heat Exchanger Sales Growth

4.4 APAC Diffusion Bonded Heat Exchanger Sales Growth

4.5 Europe Diffusion Bonded Heat Exchanger Sales Growth

4.6 Middle East & Africa Diffusion Bonded Heat Exchanger Sales Growth

5 AMERICAS

5.1 Americas Diffusion Bonded Heat Exchanger Sales by Country

5.1.1 Americas Diffusion Bonded Heat Exchanger Sales by Country (2021-2026)

5.1.2 Americas Diffusion Bonded Heat Exchanger Revenue by Country (2021-2026)

5.2 Americas Diffusion Bonded Heat Exchanger Sales by Type (2021-2026)

5.3 Americas Diffusion Bonded Heat Exchanger Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Diffusion Bonded Heat Exchanger Sales by Region

6.1.1 APAC Diffusion Bonded Heat Exchanger Sales by Region (2021-2026)

6.1.2 APAC Diffusion Bonded Heat Exchanger Revenue by Region (2021-2026)

6.2 APAC Diffusion Bonded Heat Exchanger Sales by Type (2021-2026)

6.3 APAC Diffusion Bonded Heat Exchanger Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Diffusion Bonded Heat Exchanger by Country

7.1.1 Europe Diffusion Bonded Heat Exchanger Sales by Country (2021-2026)

7.1.2 Europe Diffusion Bonded Heat Exchanger Revenue by Country (2021-2026)

7.2 Europe Diffusion Bonded Heat Exchanger Sales by Type (2021-2026)

7.3 Europe Diffusion Bonded Heat Exchanger Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Diffusion Bonded Heat Exchanger by Country

8.1.1 Middle East & Africa Diffusion Bonded Heat Exchanger Sales by Country (2021-2026)

8.1.2 Middle East & Africa Diffusion Bonded Heat Exchanger Revenue by Country (2021-2026)

8.2 Middle East & Africa Diffusion Bonded Heat Exchanger Sales by Type (2021-2026)

8.3 Middle East & Africa Diffusion Bonded Heat Exchanger Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Diffusion Bonded Heat Exchanger

10.3 Manufacturing Process Analysis of Diffusion Bonded Heat Exchanger

10.4 Industry Chain Structure of Diffusion Bonded Heat Exchanger

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Diffusion Bonded Heat Exchanger Distributors

11.3 Diffusion Bonded Heat Exchanger Customer

12 WORLD FORECAST REVIEW FOR DIFFUSION BONDED HEAT EXCHANGER BY GEOGRAPHIC REGION

12.1 Global Diffusion Bonded Heat Exchanger Market Size Forecast by Region

12.1.1 Global Diffusion Bonded Heat Exchanger Forecast by Region (2027-2032)

12.1.2 Global Diffusion Bonded Heat Exchanger Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Diffusion Bonded Heat Exchanger Forecast by Type (2027-2032)

12.7 Global Diffusion Bonded Heat Exchanger Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 Alfa Laval

13.1.1 Alfa Laval Company Information

13.1.2 Alfa Laval Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

13.1.3 Alfa Laval Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Alfa Laval Main Business Overview

13.1.5 Alfa Laval Latest Developments

13.2 Parker

13.2.1 Parker Company Information

13.2.2 Parker Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

13.2.3 Parker Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Parker Main Business Overview

13.2.5 Parker Latest Developments

13.3 Sumitomo Precision Products

13.3.1 Sumitomo Precision Products Company Information

13.3.2 Sumitomo Precision Products Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

13.3.3 Sumitomo Precision Products Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Sumitomo Precision Products Main Business Overview

13.3.5 Sumitomo Precision Products Latest Developments

13.4 Kobe Steel

13.4.1 Kobe Steel Company Information

13.4.2 Kobe Steel Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

13.4.3 Kobe Steel Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Kobe Steel Main Business Overview

13.4.5 Kobe Steel Latest Developments

13.5 Kelvion

- 13.5.1 Kelvion Company Information
- 13.5.2 Kelvion Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
- 13.5.3 Kelvion Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.5.4 Kelvion Main Business Overview
- 13.5.5 Kelvion Latest Developments
- 13.6 Nexson Group
 - 13.6.1 Nexson Group Company Information
 - 13.6.2 Nexson Group Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
 - 13.6.3 Nexson Group Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.6.4 Nexson Group Main Business Overview
 - 13.6.5 Nexson Group Latest Developments
- 13.7 Lanzhou LS Heavy Equipment
 - 13.7.1 Lanzhou LS Heavy Equipment Company Information
 - 13.7.2 Lanzhou LS Heavy Equipment Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
 - 13.7.3 Lanzhou LS Heavy Equipment Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.7.4 Lanzhou LS Heavy Equipment Main Business Overview
 - 13.7.5 Lanzhou LS Heavy Equipment Latest Developments
- 13.8 Hangzhou Shenshi Energy Conservation
 - 13.8.1 Hangzhou Shenshi Energy Conservation Company Information
 - 13.8.2 Hangzhou Shenshi Energy Conservation Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
 - 13.8.3 Hangzhou Shenshi Energy Conservation Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Hangzhou Shenshi Energy Conservation Main Business Overview
 - 13.8.5 Hangzhou Shenshi Energy Conservation Latest Developments
- 13.9 Doosan Enerbility
 - 13.9.1 Doosan Enerbility Company Information
 - 13.9.2 Doosan Enerbility Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
 - 13.9.3 Doosan Enerbility Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 Doosan Enerbility Main Business Overview
 - 13.9.5 Doosan Enerbility Latest Developments
- 13.10 CompRex

- 13.10.1 CompRex Company Information
- 13.10.2 CompRex Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
- 13.10.3 CompRex Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.10.4 CompRex Main Business Overview
- 13.10.5 CompRex Latest Developments
- 13.11 Nexson
 - 13.11.1 Nexson Company Information
 - 13.11.2 Nexson Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
 - 13.11.3 Nexson Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 Nexson Main Business Overview
 - 13.11.5 Nexson Latest Developments
- 13.12 Tempco
 - 13.12.1 Tempco Company Information
 - 13.12.2 Tempco Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
 - 13.12.3 Tempco Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Tempco Main Business Overview
 - 13.12.5 Tempco Latest Developments
- 13.13 Shanghai Heat Transfer Equipment
 - 13.13.1 Shanghai Heat Transfer Equipment Company Information
 - 13.13.2 Shanghai Heat Transfer Equipment Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
 - 13.13.3 Shanghai Heat Transfer Equipment Diffusion Bonded Heat Exchanger Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.13.4 Shanghai Heat Transfer Equipment Main Business Overview
 - 13.13.5 Shanghai Heat Transfer Equipment Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Diffusion Bonded Heat Exchanger Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Diffusion Bonded Heat Exchanger Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Below 90 MPa

Table 4. Major Players of 90-120 MPa

Table 5. Major Players of Above 120 MPa

Table 6. Global Diffusion Bonded Heat Exchanger Sales by Type (2021-2026) & (Units)

Table 7. Global Diffusion Bonded Heat Exchanger Sales Market Share by Type (2021-2026)

Table 8. Global Diffusion Bonded Heat Exchanger Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Type (2021-2026)

Table 10. Global Diffusion Bonded Heat Exchanger Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Major Players of Below 500°C

Table 12. Major Players of 500°C-800°C

Table 13. Major Players of Above 800°C

Table 14. Global Diffusion Bonded Heat Exchanger Sales by Maximum Design Temperature (2021-2026) & (Units)

Table 15. Global Diffusion Bonded Heat Exchanger Sales Market Share by Maximum Design Temperature (2021-2026)

Table 16. Global Diffusion Bonded Heat Exchanger Revenue by Maximum Design Temperature (2021-2026) & (\$ million)

Table 17. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Maximum Design Temperature (2021-2026)

Table 18. Global Diffusion Bonded Heat Exchanger Sale Price by Maximum Design Temperature (2021-2026) & (US\$/Unit)

Table 19. Major Players of Stainless Steel

Table 20. Major Players of Nickel-based Alloys

Table 21. Major Players of Titanium Alloys

Table 22. Global Diffusion Bonded Heat Exchanger Sales by Material (2021-2026) & (Units)

Table 23. Global Diffusion Bonded Heat Exchanger Sales Market Share by Material

(2021-2026)

Table 24. Global Diffusion Bonded Heat Exchanger Revenue by Material (2021-2026) & (\$ million)

Table 25. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Material (2021-2026)

Table 26. Global Diffusion Bonded Heat Exchanger Sale Price by Material (2021-2026) & (US\$/Unit)

Table 27. Global Diffusion Bonded Heat Exchanger Sale by Application (2021-2026) & (Units)

Table 28. Global Diffusion Bonded Heat Exchanger Sale Market Share by Application (2021-2026)

Table 29. Global Diffusion Bonded Heat Exchanger Revenue by Application (2021-2026) & (\$ million)

Table 30. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Application (2021-2026)

Table 31. Global Diffusion Bonded Heat Exchanger Sale Price by Application (2021-2026) & (US\$/Unit)

Table 32. Global Diffusion Bonded Heat Exchanger Sales by Company (2021-2026) & (Units)

Table 33. Global Diffusion Bonded Heat Exchanger Sales Market Share by Company (2021-2026)

Table 34. Global Diffusion Bonded Heat Exchanger Revenue by Company (2021-2026) & (\$ millions)

Table 35. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Company (2021-2026)

Table 36. Global Diffusion Bonded Heat Exchanger Sale Price by Company (2021-2026) & (US\$/Unit)

Table 37. Key Manufacturers Diffusion Bonded Heat Exchanger Producing Area Distribution and Sales Area

Table 38. Players Diffusion Bonded Heat Exchanger Products Offered

Table 39. Diffusion Bonded Heat Exchanger Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 40. New Products and Potential Entrants

Table 41. Market M&A Activity & Strategy

Table 42. Global Diffusion Bonded Heat Exchanger Sales by Geographic Region (2021-2026) & (Units)

Table 43. Global Diffusion Bonded Heat Exchanger Sales Market Share Geographic Region (2021-2026)

Table 44. Global Diffusion Bonded Heat Exchanger Revenue by Geographic Region

(2021-2026) & (\$ millions)

Table 45. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Geographic Region (2021-2026)

Table 46. Global Diffusion Bonded Heat Exchanger Sales by Country/Region (2021-2026) & (Units)

Table 47. Global Diffusion Bonded Heat Exchanger Sales Market Share by Country/Region (2021-2026)

Table 48. Global Diffusion Bonded Heat Exchanger Revenue by Country/Region (2021-2026) & (\$ millions)

Table 49. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Country/Region (2021-2026)

Table 50. Americas Diffusion Bonded Heat Exchanger Sales by Country (2021-2026) & (Units)

Table 51. Americas Diffusion Bonded Heat Exchanger Sales Market Share by Country (2021-2026)

Table 52. Americas Diffusion Bonded Heat Exchanger Revenue by Country (2021-2026) & (\$ millions)

Table 53. Americas Diffusion Bonded Heat Exchanger Sales by Type (2021-2026) & (Units)

Table 54. Americas Diffusion Bonded Heat Exchanger Sales by Application (2021-2026) & (Units)

Table 55. APAC Diffusion Bonded Heat Exchanger Sales by Region (2021-2026) & (Units)

Table 56. APAC Diffusion Bonded Heat Exchanger Sales Market Share by Region (2021-2026)

Table 57. APAC Diffusion Bonded Heat Exchanger Revenue by Region (2021-2026) & (\$ millions)

Table 58. APAC Diffusion Bonded Heat Exchanger Sales by Type (2021-2026) & (Units)

Table 59. APAC Diffusion Bonded Heat Exchanger Sales by Application (2021-2026) & (Units)

Table 60. Europe Diffusion Bonded Heat Exchanger Sales by Country (2021-2026) & (Units)

Table 61. Europe Diffusion Bonded Heat Exchanger Revenue by Country (2021-2026) & (\$ millions)

Table 62. Europe Diffusion Bonded Heat Exchanger Sales by Type (2021-2026) & (Units)

Table 63. Europe Diffusion Bonded Heat Exchanger Sales by Application (2021-2026) & (Units)

Table 64. Middle East & Africa Diffusion Bonded Heat Exchanger Sales by Country (2021-2026) & (Units)

Table 65. Middle East & Africa Diffusion Bonded Heat Exchanger Revenue Market Share by Country (2021-2026)

Table 66. Middle East & Africa Diffusion Bonded Heat Exchanger Sales by Type (2021-2026) & (Units)

Table 67. Middle East & Africa Diffusion Bonded Heat Exchanger Sales by Application (2021-2026) & (Units)

Table 68. Key Market Drivers & Growth Opportunities of Diffusion Bonded Heat Exchanger

Table 69. Key Market Challenges & Risks of Diffusion Bonded Heat Exchanger

Table 70. Key Industry Trends of Diffusion Bonded Heat Exchanger

Table 71. Diffusion Bonded Heat Exchanger Raw Material

Table 72. Key Suppliers of Raw Materials

Table 73. Diffusion Bonded Heat Exchanger Distributors List

Table 74. Diffusion Bonded Heat Exchanger Customer List

Table 75. Global Diffusion Bonded Heat Exchanger Sales Forecast by Region (2027-2032) & (Units)

Table 76. Global Diffusion Bonded Heat Exchanger Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 77. Americas Diffusion Bonded Heat Exchanger Sales Forecast by Country (2027-2032) & (Units)

Table 78. Americas Diffusion Bonded Heat Exchanger Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 79. APAC Diffusion Bonded Heat Exchanger Sales Forecast by Region (2027-2032) & (Units)

Table 80. APAC Diffusion Bonded Heat Exchanger Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 81. Europe Diffusion Bonded Heat Exchanger Sales Forecast by Country (2027-2032) & (Units)

Table 82. Europe Diffusion Bonded Heat Exchanger Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Middle East & Africa Diffusion Bonded Heat Exchanger Sales Forecast by Country (2027-2032) & (Units)

Table 84. Middle East & Africa Diffusion Bonded Heat Exchanger Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 85. Global Diffusion Bonded Heat Exchanger Sales Forecast by Type (2027-2032) & (Units)

Table 86. Global Diffusion Bonded Heat Exchanger Revenue Forecast by Type

(2027-2032) & (\$ millions)

Table 87. Global Diffusion Bonded Heat Exchanger Sales Forecast by Application (2027-2032) & (Units)

Table 88. Global Diffusion Bonded Heat Exchanger Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 89. Alfa Laval Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

Table 90. Alfa Laval Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 91. Alfa Laval Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 92. Alfa Laval Main Business

Table 93. Alfa Laval Latest Developments

Table 94. Parker Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

Table 95. Parker Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 96. Parker Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 97. Parker Main Business

Table 98. Parker Latest Developments

Table 99. Sumitomo Precision Products Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

Table 100. Sumitomo Precision Products Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 101. Sumitomo Precision Products Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 102. Sumitomo Precision Products Main Business

Table 103. Sumitomo Precision Products Latest Developments

Table 104. Kobe Steel Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

Table 105. Kobe Steel Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 106. Kobe Steel Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 107. Kobe Steel Main Business

Table 108. Kobe Steel Latest Developments

Table 109. Kelvion Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

- Table 110. Kelvion Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
- Table 111. Kelvion Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 112. Kelvion Main Business
- Table 113. Kelvion Latest Developments
- Table 114. Nexson Group Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors
- Table 115. Nexson Group Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
- Table 116. Nexson Group Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 117. Nexson Group Main Business
- Table 118. Nexson Group Latest Developments
- Table 119. Lanzhou LS Heavy Equipment Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors
- Table 120. Lanzhou LS Heavy Equipment Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
- Table 121. Lanzhou LS Heavy Equipment Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 122. Lanzhou LS Heavy Equipment Main Business
- Table 123. Lanzhou LS Heavy Equipment Latest Developments
- Table 124. Hangzhou Shenshi Energy Conservation Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors
- Table 125. Hangzhou Shenshi Energy Conservation Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
- Table 126. Hangzhou Shenshi Energy Conservation Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 127. Hangzhou Shenshi Energy Conservation Main Business
- Table 128. Hangzhou Shenshi Energy Conservation Latest Developments
- Table 129. Doosan Enerbility Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors
- Table 130. Doosan Enerbility Diffusion Bonded Heat Exchanger Product Portfolios and Specifications
- Table 131. Doosan Enerbility Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)
- Table 132. Doosan Enerbility Main Business
- Table 133. Doosan Enerbility Latest Developments
- Table 134. CompRex Basic Information, Diffusion Bonded Heat Exchanger

Manufacturing Base, Sales Area and Its Competitors

Table 135. CompRex Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 136. CompRex Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 137. CompRex Main Business

Table 138. CompRex Latest Developments

Table 139. Nexson Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

Table 140. Nexson Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 141. Nexson Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 142. Nexson Main Business

Table 143. Nexson Latest Developments

Table 144. Tempco Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

Table 145. Tempco Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 146. Tempco Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 147. Tempco Main Business

Table 148. Tempco Latest Developments

Table 149. Shanghai Heat Transfer Equipment Basic Information, Diffusion Bonded Heat Exchanger Manufacturing Base, Sales Area and Its Competitors

Table 150. Shanghai Heat Transfer Equipment Diffusion Bonded Heat Exchanger Product Portfolios and Specifications

Table 151. Shanghai Heat Transfer Equipment Diffusion Bonded Heat Exchanger Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 152. Shanghai Heat Transfer Equipment Main Business

Table 153. Shanghai Heat Transfer Equipment Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Diffusion Bonded Heat Exchanger
- Figure 2. Diffusion Bonded Heat Exchanger Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Diffusion Bonded Heat Exchanger Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global Diffusion Bonded Heat Exchanger Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Diffusion Bonded Heat Exchanger Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Diffusion Bonded Heat Exchanger Sales Market Share by Country/Region (2025)
- Figure 10. Diffusion Bonded Heat Exchanger Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Below 90 MPa
- Figure 12. Product Picture of 90-120 MPa
- Figure 13. Product Picture of Above 120 MPa
- Figure 14. Global Diffusion Bonded Heat Exchanger Sales Market Share by Type in 2026
- Figure 15. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Below 500°C
- Figure 17. Product Picture of 500°C-800°C
- Figure 18. Product Picture of Above 800°C
- Figure 19. Global Diffusion Bonded Heat Exchanger Sales Market Share by Maximum Design Temperature in 2026
- Figure 20. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Maximum Design Temperature (2021-2026)
- Figure 21. Product Picture of Stainless Steel
- Figure 22. Product Picture of Nickel-based Alloys
- Figure 23. Product Picture of Titanium Alloys
- Figure 24. Global Diffusion Bonded Heat Exchanger Sales Market Share by Material in 2026
- Figure 25. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Material

(2021-2026)

Figure 26. Diffusion Bonded Heat Exchanger Consumed in Oil & Gas

Figure 27. Global Diffusion Bonded Heat Exchanger Market: Oil & Gas (2021-2026) & (Units)

Figure 28. Diffusion Bonded Heat Exchanger Consumed in Marine

Figure 29. Global Diffusion Bonded Heat Exchanger Market: Marine (2021-2026) & (Units)

Figure 30. Diffusion Bonded Heat Exchanger Consumed in Power Generation

Figure 31. Global Diffusion Bonded Heat Exchanger Market: Power Generation (2021-2026) & (Units)

Figure 32. Diffusion Bonded Heat Exchanger Consumed in Others

Figure 33. Global Diffusion Bonded Heat Exchanger Market: Others (2021-2026) & (Units)

Figure 34. Global Diffusion Bonded Heat Exchanger Sale Market Share by Application (2025)

Figure 35. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Application in 2026

Figure 36. Diffusion Bonded Heat Exchanger Sales by Company in 2026 (Units)

Figure 37. Global Diffusion Bonded Heat Exchanger Sales Market Share by Company in 2026

Figure 38. Diffusion Bonded Heat Exchanger Revenue by Company in 2026 (\$ millions)

Figure 39. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Company in 2026

Figure 40. Global Diffusion Bonded Heat Exchanger Sales Market Share by Geographic Region (2021-2026)

Figure 41. Global Diffusion Bonded Heat Exchanger Revenue Market Share by Geographic Region in 2026

Figure 42. Americas Diffusion Bonded Heat Exchanger Sales 2021-2026 (Units)

Figure 43. Americas Diffusion Bonded Heat Exchanger Revenue 2021-2026 (\$ millions)

Figure 44. APAC Diffusion Bonded Heat Exchanger Sales 2021-2026 (Units)

Figure 45. APAC Diffusion Bonded Heat Exchanger Revenue 2021-2026 (\$ millions)

Figure 46. Europe Diffusion Bonded Heat Exchanger Sales 2021-2026 (Units)

Figure 47. Europe Diffusion Bonded Heat Exchanger Revenue 2021-2026 (\$ millions)

Figure 48. Middle East & Africa Diffusion Bonded Heat Exchanger Sales 2021-2026 (Units)

Figure 49. Middle East & Africa Diffusion Bonded Heat Exchanger Revenue 2021-2026 (\$ millions)

Figure 50. Americas Diffusion Bonded Heat Exchanger Sales Market Share by Country in 2026

Figure 51. Americas Diffusion Bonded Heat Exchanger Revenue Market Share by Country (2021-2026)

Figure 52. Americas Diffusion Bonded Heat Exchanger Sales Market Share by Type (2021-2026)

Figure 53. Americas Diffusion Bonded Heat Exchanger Sales Market Share by Application (2021-2026)

Figure 54. United States Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 55. Canada Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 56. Mexico Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 57. Brazil Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 58. APAC Diffusion Bonded Heat Exchanger Sales Market Share by Region in 2026

Figure 59. APAC Diffusion Bonded Heat Exchanger Revenue Market Share by Region (2021-2026)

Figure 60. APAC Diffusion Bonded Heat Exchanger Sales Market Share by Type (2021-2026)

Figure 61. APAC Diffusion Bonded Heat Exchanger Sales Market Share by Application (2021-2026)

Figure 62. China Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 63. Japan Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 64. South Korea Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 65. Southeast Asia Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 66. India Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 67. Australia Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 68. China Taiwan Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 69. Europe Diffusion Bonded Heat Exchanger Sales Market Share by Country in 2026

Figure 70. Europe Diffusion Bonded Heat Exchanger Revenue Market Share by

Country (2021-2026)

Figure 71. Europe Diffusion Bonded Heat Exchanger Sales Market Share by Type (2021-2026)

Figure 72. Europe Diffusion Bonded Heat Exchanger Sales Market Share by Application (2021-2026)

Figure 73. Germany Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 74. France Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 75. UK Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 76. Italy Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 77. Russia Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 78. Middle East & Africa Diffusion Bonded Heat Exchanger Sales Market Share by Country (2021-2026)

Figure 79. Middle East & Africa Diffusion Bonded Heat Exchanger Sales Market Share by Type (2021-2026)

Figure 80. Middle East & Africa Diffusion Bonded Heat Exchanger Sales Market Share by Application (2021-2026)

Figure 81. Egypt Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 82. South Africa Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 83. Israel Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 84. Turkey Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 85. GCC Countries Diffusion Bonded Heat Exchanger Revenue Growth 2021-2026 (\$ millions)

Figure 86. Manufacturing Cost Structure Analysis of Diffusion Bonded Heat Exchanger in 2026

Figure 87. Manufacturing Process Analysis of Diffusion Bonded Heat Exchanger

Figure 88. Industry Chain Structure of Diffusion Bonded Heat Exchanger

Figure 89. Channels of Distribution

Figure 90. Global Diffusion Bonded Heat Exchanger Sales Market Forecast by Region (2027-2032)

Figure 91. Global Diffusion Bonded Heat Exchanger Revenue Market Share Forecast

by Region (2027-2032)

Figure 92. Global Diffusion Bonded Heat Exchanger Sales Market Share Forecast by Type (2027-2032)

Figure 93. Global Diffusion Bonded Heat Exchanger Revenue Market Share Forecast by Type (2027-2032)

Figure 94. Global Diffusion Bonded Heat Exchanger Sales Market Share Forecast by Application (2027-2032)

Figure 95. Global Diffusion Bonded Heat Exchanger Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Diffusion Bonded Heat Exchanger Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G9F73D95BF2DEN.html>

Price: US\$ 3,660.00 (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/G9F73D95BF2DEN.html>