

# Global Semiconductor Chillers and Heat Exchangers Market Growth 2026-2032

<https://marketpublishers.com/r/G43AD4A86DA6EN.html>

Date: May 2026

Pages: 174

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

ID: G43AD4A86DA6EN

## Abstracts

The global Semiconductor Chillers and Heat Exchangers market size is predicted to grow from US\$ 830 million in 2025 to US\$ 1361 million in 2032; it is expected to grow at a CAGR of 7.4% from 2026 to 2032.

Temperature control chiller for semiconductor is mainly used to precisely control the temperature of the reaction chamber in the semiconductor manufacturing process. It is a self-balancing circulation device mainly composed of a heat exchanger, a circulation pump, a compressor and a control system. It belongs to the temperature control equipment in the production process.

Semiconductor special temperature control equipment uses the heat exchange principle of refrigeration cycle and process cooling water to control the temperature, flow and pressure of the circulating fluid used in semiconductor process equipment with high precision to achieve the temperature control requirements of semiconductor process. It is an integrated circuit manufacturing Indispensable key equipment in the process.

According to the requirements of different processes, the circulating liquid at a given temperature is controlled to flow through the electrodes or the walls in the reaction chamber of the semiconductor process equipment, and heat is brought into the semiconductor-specific temperature control equipment, which transfers the heat to the refrigeration through the heat exchanger. refrigerant, and then release the heat to the process cooling water through the refrigerant, so as to realize the temperature control of the process.

China is currently the world's largest market of Semiconductor Chillers and Heat Exchangers, accounted for 30.63% of the global share in 2025, followed by North

America (22.79%), China Taiwan province (17.85%), and South Korea (14.1%).

North American market for Semiconductor Chillers and Heat Exchangers was valued at \$ 193.4 million in 2025 and will reach \$ 285.85 million by 2032, at a CAGR of 5.78% during the forecast period of 2026 through 2032.

China market for Semiconductor Chillers and Heat Exchangers was valued at \$ 259.9 million in 2025 and will reach \$ 480.96 million by 2032, at a CAGR of 9.13% during the forecast period of 2026 through 2032.

Europe market for Semiconductor Chillers and Heat Exchangers was valued at \$ 44.46 million in 2025 and will reach \$ 63.83 million by 2032, at a CAGR of 5.67% during the forecast period of 2026 through 2032.

South Korea market for Semiconductor Chillers and Heat Exchangers was valued at \$ 119.64 million in 2025 and will reach \$ 188.49 million by 2032, at a CAGR of 6.61% during the forecast period of 2026 through 2032.

The global key manufacturers of Semiconductor Chillers and Heat Exchangers include Advanced Thermal Sciences (ATS), Shinwa Controls, Beijing Jingyi Automation, Unisem, Thermo Fisher Scientific, FST (Fine Semitech Corp), SMC Corporation, Techist, Ferrotec, and GST (Global Standard Technology), etc. In 2025, the global ten largest players hold a share approximately 78.25% in terms of revenue.

From the production side of Semiconductor Chillers and Heat Exchangers, North America, South Korea, Japan, and China dominate Semiconductor Chillers and Heat Exchangers production. In 2025, these regions held market shares of 29.36%, 24.32%, 19.62%, and 23.31%, respectively. China is expected to maintain the fastest growth, with its share projected to reach 31.3% by 2032.

In terms of product type, dual channel chillers hold the largest market share, expected to reach 61.53% by 2031. While in terms of applications, etching accounted for approximately 60.74% in 2024, with a projected CAGR of 5.65% in the coming years.

In terms of cooling technologies, water-cooled chillers dominate the market (over 80.8% share in 2025), while air-cooled and hybrid types hold smaller shares. water-cooled chillers are expected to remain predominant in the foreseeable future.

In terms of technical pathways, currently compressor-type chillers and heat exchangers

are in the dominant position, however, thermoelectric (TEC) chillers are projected to exhibit the fastest growth in the coming years.

The global Semiconductor Chillers and Heat Exchangers market is expanding alongside the semiconductor upcycle and the sustained build-out of fab capacity and installed-base process tools. In 2024, worldwide semiconductor sales reached US\$627.6B, and the sales outlook remains strongly positive into 2025–2026, supporting high utilization and continued equipment demand. Semiconductor Industry Association At the same time, SEMI forecasts total semiconductor manufacturing equipment sales of US\$125.5B (2025) and US\$138.1B (2026), and its World Fab Forecast expects 18 new fabs to start construction in 2025—both of which translate directly into incremental chillers for new tool shipments and for supporting sub-systems. Demand is also “premiumizing” because chillers are increasingly yield-enabling rather than utility-like: toolmakers commonly require temperature stability around  $\pm 0.1$  K for many process loops (e.g., etch) and down to  $\pm 0.001$  K for the most temperature-sensitive applications (e.g., lithography), with operating ranges that can span  $-80^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$  depending on the loop and use case. This drives higher value per system (better controls, tighter hydraulics, higher-quality sensors/valves/filtration, and application-specific thermal loop engineering) and a growing recurring aftermarket (preventive maintenance, spares, field service) as fabs push uptime and variability targets.

Key market trends and drivers are converging around performance, energy, compliance, and reliability. First, tighter process windows and higher local heat flux push TCUs toward faster transient response, multi-circuit/multi-zone architectures, and more liquid-to-liquid and “right-temperature” designs that match each sub-loop’s needs to reduce total energy consumption without sacrificing stability. Second, fabs increasingly require connected chillers (telemetry, remote diagnostics, predictive maintenance) and modular/redundant designs to protect tool availability as the installed base scales. Third, environmental regulation is becoming a specification-level constraint: the European Union F-gas Regulation (EU) 2024/573 is accelerating adoption of lower-GWP refrigerants, forcing platform redesigns, re-qualification, and updated service procedures across suppliers and fab operators. Fourth, EHS and material stewardship are rising in importance for semiconductor thermal ecosystems—e.g., industry discussions around heat-transfer fluids emphasize tight control requirements (often  $\sim \pm 0.1^{\circ}\text{C}$ ) and compatibility constraints, which can influence fluid selection and qualification practices alongside chiller design. Overall, the core growth engine is the combination of fab expansion + higher thermal-performance requirements + lifecycle support intensity, with regulation and sustainability accelerating technology refresh and creating additional retrofit/replacement demand.

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

This Insight Report provides a comprehensive analysis of the global Semiconductor Chillers and Heat Exchangers 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 Semiconductor Chillers and Heat Exchangers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Semiconductor Chillers and Heat Exchangers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Semiconductor Chillers and Heat Exchangers 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 Semiconductor Chillers and Heat Exchangers.

This report presents a comprehensive overview, market shares, and growth opportunities of Semiconductor Chillers and Heat Exchangers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single Channel Chiller

Dual Channel Chiller

Three Channel Chiller

### Segmentation by Technology:

Compressor Type Chiller

Heat Exchanger Type Chiller

Thermoelectric (TEC) Chiller

Cryogenic Chiller

### Segmentation by Application:

Etching Process

Coater/Developer

Ion Implantation

Diffusion Process

Deposition Process

CMP Process

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.

Advanced Thermal Sciences (ATS)

Shinwa Controls

Unisem

GST (Global Standard Technology)

SMC Corporation

Beijing Jingyi Automation Equipment Technology

FST (Fine Semitech Corp)

Techist

Thermo Fisher Scientific

Mirapro Co., Ltd

Solid State Cooling Systems

LNEYA Thermo Refrigeration

BV Thermal Systems

Legacy Chiller

LAUDA-Noah

CJ Tech Inc

Step Science

Thermonics (InTest Thermal Solutions (ITS))

Maruyama Chillers

Mydax, Inc.

Sanhe Tongfei Refrigeration

Ferrotec

Ebara

AIRSYS Cooling Technologies Inc.

GMC Semitech

PTC, Inc.

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global Semiconductor Chillers and Heat Exchangers market?

What factors are driving Semiconductor Chillers and Heat Exchangers market growth, globally and by region?

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

How do Semiconductor Chillers and Heat Exchangers market opportunities vary by end market size?

How does Semiconductor Chillers and Heat Exchangers 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 Semiconductor Chillers and Heat Exchangers Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Semiconductor Chillers and Heat Exchangers by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Semiconductor Chillers and Heat Exchangers by Country/Region, 2021, 2025 & 2032

#### 2.2 Semiconductor Chillers and Heat Exchangers Segment by Type

- 2.2.1 Single Channel Chiller
- 2.2.2 Dual Channel Chiller
- 2.2.3 Three Channel Chiller
- 2.2.4 Semiconductor Chillers and Heat Exchangers Sales by Type
  - 2.2.4.1 Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Type (2021-2026)
  - 2.2.4.2 Global Semiconductor Chillers and Heat Exchangers Revenue and Market Share by Type (2021-2026)
  - 2.2.4.3 Global Semiconductor Chillers and Heat Exchangers Sale Price by Type (2021-2026)

#### 2.3 Semiconductor Chillers and Heat Exchangers Segment by Technology

- 2.3.1 Compressor Type Chiller
- 2.3.2 Heat Exchanger Type Chiller
- 2.3.3 Thermoelectric (TEC) Chiller
- 2.3.4 Cryogenic Chiller
- 2.3.5 Semiconductor Chillers and Heat Exchangers Sales by Technology
  - 2.3.5.1 Global Semiconductor Chillers and Heat Exchangers Sales Market Share by

Technology (2021-2026)

2.3.5.2 Global Semiconductor Chillers and Heat Exchangers Revenue and Market Share by Technology (2021-2026)

2.3.5.3 Global Semiconductor Chillers and Heat Exchangers Sale Price by Technology (2021-2026)

2.4 Semiconductor Chillers and Heat Exchangers Segment by Application

2.4.1 Etching Process

2.4.2 Coater/Developer

2.4.3 Ion Implantation

2.4.4 Diffusion Process

2.4.5 Deposition Process

2.4.6 CMP Process

2.4.7 Others

2.4.8 Semiconductor Chillers and Heat Exchangers Sales by Application

2.4.8.1 Global Semiconductor Chillers and Heat Exchangers Sale Market Share by Application (2021-2026)

2.4.8.2 Global Semiconductor Chillers and Heat Exchangers Revenue and Market Share by Application (2021-2026)

2.4.8.3 Global Semiconductor Chillers and Heat Exchangers Sale Price by Application (2021-2026)

### **3 GLOBAL BY COMPANY**

3.1 Global Semiconductor Chillers and Heat Exchangers Breakdown Data by Company

3.1.1 Global Semiconductor Chillers and Heat Exchangers Annual Sales by Company (2021-2026)

3.1.2 Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Company (2021-2026)

3.2 Global Semiconductor Chillers and Heat Exchangers Annual Revenue by Company (2021-2026)

3.2.1 Global Semiconductor Chillers and Heat Exchangers Revenue by Company (2021-2026)

3.2.2 Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Company (2021-2026)

3.3 Global Semiconductor Chillers and Heat Exchangers Sale Price by Company

3.4 Key Manufacturers Semiconductor Chillers and Heat Exchangers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Semiconductor Chillers and Heat Exchangers Product Location Distribution

- 3.4.2 Players Semiconductor Chillers and Heat Exchangers 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 SEMICONDUCTOR CHILLERS AND HEAT EXCHANGERS BY GEOGRAPHIC REGION**

- 4.1 World Historic Semiconductor Chillers and Heat Exchangers Market Size by Geographic Region (2021-2026)
  - 4.1.1 Global Semiconductor Chillers and Heat Exchangers Annual Sales by Geographic Region (2021-2026)
  - 4.1.2 Global Semiconductor Chillers and Heat Exchangers Annual Revenue by Geographic Region (2021-2026)
- 4.2 World Historic Semiconductor Chillers and Heat Exchangers Market Size by Country/Region (2021-2026)
  - 4.2.1 Global Semiconductor Chillers and Heat Exchangers Annual Sales by Country/Region (2021-2026)
  - 4.2.2 Global Semiconductor Chillers and Heat Exchangers Annual Revenue by Country/Region (2021-2026)
- 4.3 Americas Semiconductor Chillers and Heat Exchangers Sales Growth
- 4.4 APAC Semiconductor Chillers and Heat Exchangers Sales Growth
- 4.5 Europe Semiconductor Chillers and Heat Exchangers Sales Growth
- 4.6 Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales Growth

## **5 AMERICAS**

- 5.1 Americas Semiconductor Chillers and Heat Exchangers Sales by Country
  - 5.1.1 Americas Semiconductor Chillers and Heat Exchangers Sales by Country (2021-2026)
  - 5.1.2 Americas Semiconductor Chillers and Heat Exchangers Revenue by Country (2021-2026)
- 5.2 Americas Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026)
- 5.3 Americas Semiconductor Chillers and Heat Exchangers Sales by Application (2021-2026)
- 5.4 United States
- 5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Semiconductor Chillers and Heat Exchangers Sales by Region

6.1.1 APAC Semiconductor Chillers and Heat Exchangers Sales by Region  
(2021-2026)

6.1.2 APAC Semiconductor Chillers and Heat Exchangers Revenue by Region  
(2021-2026)

6.2 APAC Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026)

6.3 APAC Semiconductor Chillers and Heat Exchangers 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 Semiconductor Chillers and Heat Exchangers by Country

7.1.1 Europe Semiconductor Chillers and Heat Exchangers Sales by Country  
(2021-2026)

7.1.2 Europe Semiconductor Chillers and Heat Exchangers Revenue by Country  
(2021-2026)

7.2 Europe Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026)

7.3 Europe Semiconductor Chillers and Heat Exchangers 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 Semiconductor Chillers and Heat Exchangers by Country

8.1.1 Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales by Country (2021-2026)

8.1.2 Middle East & Africa Semiconductor Chillers and Heat Exchangers Revenue by Country (2021-2026)

8.2 Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026)

8.3 Middle East & Africa Semiconductor Chillers and Heat Exchangers 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 Semiconductor Chillers and Heat Exchangers

10.3 Manufacturing Process Analysis of Semiconductor Chillers and Heat Exchangers

10.4 Industry Chain Structure of Semiconductor Chillers and Heat Exchangers

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Semiconductor Chillers and Heat Exchangers Distributors

11.3 Semiconductor Chillers and Heat Exchangers Customer

## **12 WORLD FORECAST REVIEW FOR SEMICONDUCTOR CHILLERS AND HEAT EXCHANGERS BY GEOGRAPHIC REGION**

## 12.1 Global Semiconductor Chillers and Heat Exchangers Market Size Forecast by Region

12.1.1 Global Semiconductor Chillers and Heat Exchangers Forecast by Region (2027-2032)

12.1.2 Global Semiconductor Chillers and Heat Exchangers 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 Semiconductor Chillers and Heat Exchangers Forecast by Type (2027-2032)

12.7 Global Semiconductor Chillers and Heat Exchangers Forecast by Application (2027-2032)

## 13 KEY PLAYERS ANALYSIS

### 13.1 Advanced Thermal Sciences (ATS)

13.1.1 Advanced Thermal Sciences (ATS) Company Information

13.1.2 Advanced Thermal Sciences (ATS) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.1.3 Advanced Thermal Sciences (ATS) Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 Advanced Thermal Sciences (ATS) Main Business Overview

13.1.5 Advanced Thermal Sciences (ATS) Latest Developments

### 13.2 Shinwa Controls

13.2.1 Shinwa Controls Company Information

13.2.2 Shinwa Controls Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.2.3 Shinwa Controls Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Shinwa Controls Main Business Overview

13.2.5 Shinwa Controls Latest Developments

### 13.3 Unisem

13.3.1 Unisem Company Information

13.3.2 Unisem Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.3.3 Unisem Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price

and Gross Margin (2021-2026)

13.3.4 Unisem Main Business Overview

13.3.5 Unisem Latest Developments

13.4 GST (Global Standard Technology)

13.4.1 GST (Global Standard Technology) Company Information

13.4.2 GST (Global Standard Technology) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.4.3 GST (Global Standard Technology) Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 GST (Global Standard Technology) Main Business Overview

13.4.5 GST (Global Standard Technology) Latest Developments

13.5 SMC Corporation

13.5.1 SMC Corporation Company Information

13.5.2 SMC Corporation Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.5.3 SMC Corporation Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 SMC Corporation Main Business Overview

13.5.5 SMC Corporation Latest Developments

13.6 Beijing Jingyi Automation Equipment Technology

13.6.1 Beijing Jingyi Automation Equipment Technology Company Information

13.6.2 Beijing Jingyi Automation Equipment Technology Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.6.3 Beijing Jingyi Automation Equipment Technology Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Beijing Jingyi Automation Equipment Technology Main Business Overview

13.6.5 Beijing Jingyi Automation Equipment Technology Latest Developments

13.7 FST (Fine Semitech Corp)

13.7.1 FST (Fine Semitech Corp) Company Information

13.7.2 FST (Fine Semitech Corp) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.7.3 FST (Fine Semitech Corp) Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 FST (Fine Semitech Corp) Main Business Overview

13.7.5 FST (Fine Semitech Corp) Latest Developments

13.8 Techist

13.8.1 Techist Company Information

13.8.2 Techist Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.8.3 Techist Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Techist Main Business Overview

13.8.5 Techist Latest Developments

13.9 Thermo Fisher Scientific

13.9.1 Thermo Fisher Scientific Company Information

13.9.2 Thermo Fisher Scientific Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.9.3 Thermo Fisher Scientific Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Thermo Fisher Scientific Main Business Overview

13.9.5 Thermo Fisher Scientific Latest Developments

13.10 Mirapro Co., Ltd

13.10.1 Mirapro Co., Ltd Company Information

13.10.2 Mirapro Co., Ltd Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.10.3 Mirapro Co., Ltd Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Mirapro Co., Ltd Main Business Overview

13.10.5 Mirapro Co., Ltd Latest Developments

13.11 Solid State Cooling Systems

13.11.1 Solid State Cooling Systems Company Information

13.11.2 Solid State Cooling Systems Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.11.3 Solid State Cooling Systems Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Solid State Cooling Systems Main Business Overview

13.11.5 Solid State Cooling Systems Latest Developments

13.12 LNEYA Thermo Refrigeration

13.12.1 LNEYA Thermo Refrigeration Company Information

13.12.2 LNEYA Thermo Refrigeration Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.12.3 LNEYA Thermo Refrigeration Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 LNEYA Thermo Refrigeration Main Business Overview

13.12.5 LNEYA Thermo Refrigeration Latest Developments

13.13 BV Thermal Systems

13.13.1 BV Thermal Systems Company Information

13.13.2 BV Thermal Systems Semiconductor Chillers and Heat Exchangers Product

## Portfolios and Specifications

13.13.3 BV Thermal Systems Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 BV Thermal Systems Main Business Overview

13.13.5 BV Thermal Systems Latest Developments

## 13.14 Legacy Chiller

13.14.1 Legacy Chiller Company Information

13.14.2 Legacy Chiller Semiconductor Chillers and Heat Exchangers Product

## Portfolios and Specifications

13.14.3 Legacy Chiller Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Legacy Chiller Main Business Overview

13.14.5 Legacy Chiller Latest Developments

## 13.15 LAUDA-Noah

13.15.1 LAUDA-Noah Company Information

13.15.2 LAUDA-Noah Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.15.3 LAUDA-Noah Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 LAUDA-Noah Main Business Overview

13.15.5 LAUDA-Noah Latest Developments

## 13.16 CJ Tech Inc

13.16.1 CJ Tech Inc Company Information

13.16.2 CJ Tech Inc Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.16.3 CJ Tech Inc Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 CJ Tech Inc Main Business Overview

13.16.5 CJ Tech Inc Latest Developments

## 13.17 Step Science

13.17.1 Step Science Company Information

13.17.2 Step Science Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.17.3 Step Science Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Step Science Main Business Overview

13.17.5 Step Science Latest Developments

## 13.18 Thermonics (InTest Thermal Solutions (ITS))

13.18.1 Thermonics (InTest Thermal Solutions (ITS)) Company Information

13.18.2 Thermonics (InTest Thermal Solutions (ITS)) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.18.3 Thermonics (InTest Thermal Solutions (ITS)) Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.18.4 Thermonics (InTest Thermal Solutions (ITS)) Main Business Overview

13.18.5 Thermonics (InTest Thermal Solutions (ITS)) Latest Developments

13.19 Maruyama Chillers

13.19.1 Maruyama Chillers Company Information

13.19.2 Maruyama Chillers Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.19.3 Maruyama Chillers Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.19.4 Maruyama Chillers Main Business Overview

13.19.5 Maruyama Chillers Latest Developments

13.20 Mydax, Inc.

13.20.1 Mydax, Inc. Company Information

13.20.2 Mydax, Inc. Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.20.3 Mydax, Inc. Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.20.4 Mydax, Inc. Main Business Overview

13.20.5 Mydax, Inc. Latest Developments

13.21 Sanhe Tongfei Refrigeration

13.21.1 Sanhe Tongfei Refrigeration Company Information

13.21.2 Sanhe Tongfei Refrigeration Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.21.3 Sanhe Tongfei Refrigeration Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.21.4 Sanhe Tongfei Refrigeration Main Business Overview

13.21.5 Sanhe Tongfei Refrigeration Latest Developments

13.22 Ferrotec

13.22.1 Ferrotec Company Information

13.22.2 Ferrotec Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

13.22.3 Ferrotec Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)

13.22.4 Ferrotec Main Business Overview

13.22.5 Ferrotec Latest Developments

13.23 Ebara

- 13.23.1 Ebara Company Information
- 13.23.2 Ebara Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications
- 13.23.3 Ebara Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)
- 13.23.4 Ebara Main Business Overview
- 13.23.5 Ebara Latest Developments
- 13.24 AIRSYS Cooling Technologies Inc.
  - 13.24.1 AIRSYS Cooling Technologies Inc. Company Information
  - 13.24.2 AIRSYS Cooling Technologies Inc. Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications
  - 13.24.3 AIRSYS Cooling Technologies Inc. Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.24.4 AIRSYS Cooling Technologies Inc. Main Business Overview
  - 13.24.5 AIRSYS Cooling Technologies Inc. Latest Developments
- 13.25 GMC Semitech
  - 13.25.1 GMC Semitech Company Information
  - 13.25.2 GMC Semitech Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications
  - 13.25.3 GMC Semitech Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.25.4 GMC Semitech Main Business Overview
  - 13.25.5 GMC Semitech Latest Developments
- 13.26 PTC, Inc.
  - 13.26.1 PTC, Inc. Company Information
  - 13.26.2 PTC, Inc. Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications
  - 13.26.3 PTC, Inc. Semiconductor Chillers and Heat Exchangers Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.26.4 PTC, Inc. Main Business Overview
  - 13.26.5 PTC, Inc. Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

- Table 1. Semiconductor Chillers and Heat Exchangers Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Table 2. Semiconductor Chillers and Heat Exchangers Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)
- Table 3. Major Players of Single Channel Chiller
- Table 4. Major Players of Dual Channel Chiller
- Table 5. Major Players of Three Channel Chiller
- Table 6. Global Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026) & (Units)
- Table 7. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Type (2021-2026)
- Table 8. Global Semiconductor Chillers and Heat Exchangers Revenue by Type (2021-2026) & (\$ million)
- Table 9. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Type (2021-2026)
- Table 10. Global Semiconductor Chillers and Heat Exchangers Sale Price by Type (2021-2026) & (US\$/Unit)
- Table 11. Major Players of Compressor Type Chiller
- Table 12. Major Players of Heat Exchanger Type Chiller
- Table 13. Major Players of Thermoelectric (TEC) Chiller
- Table 14. Major Players of Cryogenic Chiller
- Table 15. Global Semiconductor Chillers and Heat Exchangers Sales by Technology (2021-2026) & (Units)
- Table 16. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Technology (2021-2026)
- Table 17. Global Semiconductor Chillers and Heat Exchangers Revenue by Technology (2021-2026) & (\$ million)
- Table 18. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Technology (2021-2026)
- Table 19. Global Semiconductor Chillers and Heat Exchangers Sale Price by Technology (2021-2026) & (US\$/Unit)
- Table 20. Global Semiconductor Chillers and Heat Exchangers Sale by Application (2021-2026) & (Units)
- Table 21. Global Semiconductor Chillers and Heat Exchangers Sale Market Share by Application (2021-2026)

Table 22. Global Semiconductor Chillers and Heat Exchangers Revenue by Application (2021-2026) & (\$ million)

Table 23. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Application (2021-2026)

Table 24. Global Semiconductor Chillers and Heat Exchangers Sale Price by Application (2021-2026) & (US\$/Unit)

Table 25. Global Semiconductor Chillers and Heat Exchangers Sales by Company (2021-2026) & (Units)

Table 26. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Company (2021-2026)

Table 27. Global Semiconductor Chillers and Heat Exchangers Revenue by Company (2021-2026) & (\$ millions)

Table 28. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Company (2021-2026)

Table 29. Global Semiconductor Chillers and Heat Exchangers Sale Price by Company (2021-2026) & (US\$/Unit)

Table 30. Key Manufacturers Semiconductor Chillers and Heat Exchangers Producing Area Distribution and Sales Area

Table 31. Players Semiconductor Chillers and Heat Exchangers Products Offered

Table 32. Semiconductor Chillers and Heat Exchangers Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 33. New Products and Potential Entrants

Table 34. Market M&A Activity & Strategy

Table 35. Global Semiconductor Chillers and Heat Exchangers Sales by Geographic Region (2021-2026) & (Units)

Table 36. Global Semiconductor Chillers and Heat Exchangers Sales Market Share Geographic Region (2021-2026)

Table 37. Global Semiconductor Chillers and Heat Exchangers Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 38. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Geographic Region (2021-2026)

Table 39. Global Semiconductor Chillers and Heat Exchangers Sales by Country/Region (2021-2026) & (Units)

Table 40. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Country/Region (2021-2026)

Table 41. Global Semiconductor Chillers and Heat Exchangers Revenue by Country/Region (2021-2026) & (\$ millions)

Table 42. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Country/Region (2021-2026)

Table 43. Americas Semiconductor Chillers and Heat Exchangers Sales by Country (2021-2026) & (Units)

Table 44. Americas Semiconductor Chillers and Heat Exchangers Sales Market Share by Country (2021-2026)

Table 45. Americas Semiconductor Chillers and Heat Exchangers Revenue by Country (2021-2026) & (\$ millions)

Table 46. Americas Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026) & (Units)

Table 47. Americas Semiconductor Chillers and Heat Exchangers Sales by Application (2021-2026) & (Units)

Table 48. APAC Semiconductor Chillers and Heat Exchangers Sales by Region (2021-2026) & (Units)

Table 49. APAC Semiconductor Chillers and Heat Exchangers Sales Market Share by Region (2021-2026)

Table 50. APAC Semiconductor Chillers and Heat Exchangers Revenue by Region (2021-2026) & (\$ millions)

Table 51. APAC Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026) & (Units)

Table 52. APAC Semiconductor Chillers and Heat Exchangers Sales by Application (2021-2026) & (Units)

Table 53. Europe Semiconductor Chillers and Heat Exchangers Sales by Country (2021-2026) & (Units)

Table 54. Europe Semiconductor Chillers and Heat Exchangers Revenue by Country (2021-2026) & (\$ millions)

Table 55. Europe Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026) & (Units)

Table 56. Europe Semiconductor Chillers and Heat Exchangers Sales by Application (2021-2026) & (Units)

Table 57. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales by Country (2021-2026) & (Units)

Table 58. Middle East & Africa Semiconductor Chillers and Heat Exchangers Revenue Market Share by Country (2021-2026)

Table 59. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales by Type (2021-2026) & (Units)

Table 60. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales by Application (2021-2026) & (Units)

Table 61. Key Market Drivers & Growth Opportunities of Semiconductor Chillers and Heat Exchangers

Table 62. Key Market Challenges & Risks of Semiconductor Chillers and Heat

## Exchangers

Table 63. Key Industry Trends of Semiconductor Chillers and Heat Exchangers

Table 64. Semiconductor Chillers and Heat Exchangers Raw Material

Table 65. Key Suppliers of Raw Materials

Table 66. Semiconductor Chillers and Heat Exchangers Distributors List

Table 67. Semiconductor Chillers and Heat Exchangers Customer List

Table 68. Global Semiconductor Chillers and Heat Exchangers Sales Forecast by Region (2027-2032) & (Units)

Table 69. Global Semiconductor Chillers and Heat Exchangers Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 70. Americas Semiconductor Chillers and Heat Exchangers Sales Forecast by Country (2027-2032) & (Units)

Table 71. Americas Semiconductor Chillers and Heat Exchangers Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 72. APAC Semiconductor Chillers and Heat Exchangers Sales Forecast by Region (2027-2032) & (Units)

Table 73. APAC Semiconductor Chillers and Heat Exchangers Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 74. Europe Semiconductor Chillers and Heat Exchangers Sales Forecast by Country (2027-2032) & (Units)

Table 75. Europe Semiconductor Chillers and Heat Exchangers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 76. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales Forecast by Country (2027-2032) & (Units)

Table 77. Middle East & Africa Semiconductor Chillers and Heat Exchangers Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 78. Global Semiconductor Chillers and Heat Exchangers Sales Forecast by Type (2027-2032) & (Units)

Table 79. Global Semiconductor Chillers and Heat Exchangers Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 80. Global Semiconductor Chillers and Heat Exchangers Sales Forecast by Application (2027-2032) & (Units)

Table 81. Global Semiconductor Chillers and Heat Exchangers Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 82. Advanced Thermal Sciences (ATS) Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 83. Advanced Thermal Sciences (ATS) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 84. Advanced Thermal Sciences (ATS) Semiconductor Chillers and Heat

Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 85. Advanced Thermal Sciences (ATS) Main Business

Table 86. Advanced Thermal Sciences (ATS) Latest Developments

Table 87. Shinwa Controls Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 88. Shinwa Controls Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 89. Shinwa Controls Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 90. Shinwa Controls Main Business

Table 91. Shinwa Controls Latest Developments

Table 92. Unisem Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 93. Unisem Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 94. Unisem Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 95. Unisem Main Business

Table 96. Unisem Latest Developments

Table 97. GST (Global Standard Technology) Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 98. GST (Global Standard Technology) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 99. GST (Global Standard Technology) Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 100. GST (Global Standard Technology) Main Business

Table 101. GST (Global Standard Technology) Latest Developments

Table 102. SMC Corporation Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 103. SMC Corporation Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 104. SMC Corporation Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 105. SMC Corporation Main Business

Table 106. SMC Corporation Latest Developments

Table 107. Beijing Jingyi Automation Equipment Technology Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its

## Competitors

Table 108. Beijing Jingyi Automation Equipment Technology Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 109. Beijing Jingyi Automation Equipment Technology Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 110. Beijing Jingyi Automation Equipment Technology Main Business

Table 111. Beijing Jingyi Automation Equipment Technology Latest Developments

Table 112. FST (Fine Semitech Corp) Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 113. FST (Fine Semitech Corp) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 114. FST (Fine Semitech Corp) Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 115. FST (Fine Semitech Corp) Main Business

Table 116. FST (Fine Semitech Corp) Latest Developments

Table 117. Techist Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 118. Techist Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 119. Techist Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 120. Techist Main Business

Table 121. Techist Latest Developments

Table 122. Thermo Fisher Scientific Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 123. Thermo Fisher Scientific Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 124. Thermo Fisher Scientific Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 125. Thermo Fisher Scientific Main Business

Table 126. Thermo Fisher Scientific Latest Developments

Table 127. Mirapro Co., Ltd Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 128. Mirapro Co., Ltd Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 129. Mirapro Co., Ltd Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 130. Mirapro Co., Ltd Main Business

Table 131. Mirapro Co., Ltd Latest Developments

Table 132. Solid State Cooling Systems Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 133. Solid State Cooling Systems Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 134. Solid State Cooling Systems Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 135. Solid State Cooling Systems Main Business

Table 136. Solid State Cooling Systems Latest Developments

Table 137. LNEYA Thermo Refrigeration Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 138. LNEYA Thermo Refrigeration Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 139. LNEYA Thermo Refrigeration Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 140. LNEYA Thermo Refrigeration Main Business

Table 141. LNEYA Thermo Refrigeration Latest Developments

Table 142. BV Thermal Systems Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 143. BV Thermal Systems Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 144. BV Thermal Systems Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 145. BV Thermal Systems Main Business

Table 146. BV Thermal Systems Latest Developments

Table 147. Legacy Chiller Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 148. Legacy Chiller Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 149. Legacy Chiller Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 150. Legacy Chiller Main Business

Table 151. Legacy Chiller Latest Developments

Table 152. LAUDA-Noah Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 153. LAUDA-Noah Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 154. LAUDA-Noah Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 155. LAUDA-Noah Main Business

Table 156. LAUDA-Noah Latest Developments

Table 157. CJ Tech Inc Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 158. CJ Tech Inc Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 159. CJ Tech Inc Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 160. CJ Tech Inc Main Business

Table 161. CJ Tech Inc Latest Developments

Table 162. Step Science Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 163. Step Science Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 164. Step Science Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 165. Step Science Main Business

Table 166. Step Science Latest Developments

Table 167. Thermonics (InTest Thermal Solutions (ITS)) Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 168. Thermonics (InTest Thermal Solutions (ITS)) Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 169. Thermonics (InTest Thermal Solutions (ITS)) Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 170. Thermonics (InTest Thermal Solutions (ITS)) Main Business

Table 171. Thermonics (InTest Thermal Solutions (ITS)) Latest Developments

Table 172. Maruyama Chillers Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 173. Maruyama Chillers Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 174. Maruyama Chillers Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 175. Maruyama Chillers Main Business

Table 176. Maruyama Chillers Latest Developments

Table 177. Mydax, Inc. Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 178. Mydax, Inc. Semiconductor Chillers and Heat Exchangers Product Portfolios

and Specifications

Table 179. Mydax, Inc. Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 180. Mydax, Inc. Main Business

Table 181. Mydax, Inc. Latest Developments

Table 182. Sanhe Tongfei Refrigeration Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 183. Sanhe Tongfei Refrigeration Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 184. Sanhe Tongfei Refrigeration Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 185. Sanhe Tongfei Refrigeration Main Business

Table 186. Sanhe Tongfei Refrigeration Latest Developments

Table 187. Ferrotec Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 188. Ferrotec Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 189. Ferrotec Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 190. Ferrotec Main Business

Table 191. Ferrotec Latest Developments

Table 192. Ebara Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 193. Ebara Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 194. Ebara Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 195. Ebara Main Business

Table 196. Ebara Latest Developments

Table 197. AIRSYS Cooling Technologies Inc. Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 198. AIRSYS Cooling Technologies Inc. Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 199. AIRSYS Cooling Technologies Inc. Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 200. AIRSYS Cooling Technologies Inc. Main Business

Table 201. AIRSYS Cooling Technologies Inc. Latest Developments

Table 202. GMC Semitech Basic Information, Semiconductor Chillers and Heat

Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 203. GMC Semitech Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 204. GMC Semitech Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 205. GMC Semitech Main Business

Table 206. GMC Semitech Latest Developments

Table 207. PTC, Inc. Basic Information, Semiconductor Chillers and Heat Exchangers Manufacturing Base, Sales Area and Its Competitors

Table 208. PTC, Inc. Semiconductor Chillers and Heat Exchangers Product Portfolios and Specifications

Table 209. PTC, Inc. Semiconductor Chillers and Heat Exchangers Sales (Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 210. PTC, Inc. Main Business

Table 211. PTC, Inc. Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Semiconductor Chillers and Heat Exchangers
- Figure 2. Semiconductor Chillers and Heat Exchangers Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Semiconductor Chillers and Heat Exchangers Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global Semiconductor Chillers and Heat Exchangers Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Semiconductor Chillers and Heat Exchangers Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Semiconductor Chillers and Heat Exchangers Sales Market Share by Country/Region (2025)
- Figure 10. Semiconductor Chillers and Heat Exchangers Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Single Channel Chiller
- Figure 12. Product Picture of Dual Channel Chiller
- Figure 13. Product Picture of Three Channel Chiller
- Figure 14. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Type in 2026
- Figure 15. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Type (2021-2026)
- Figure 16. Product Picture of Compressor Type Chiller
- Figure 17. Product Picture of Heat Exchanger Type Chiller
- Figure 18. Product Picture of Thermoelectric (TEC) Chiller
- Figure 19. Product Picture of Cryogenic Chiller
- Figure 20. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by Technology in 2026
- Figure 21. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share by Technology (2021-2026)
- Figure 22. Semiconductor Chillers and Heat Exchangers Consumed in Etching Process
- Figure 23. Global Semiconductor Chillers and Heat Exchangers Market: Etching Process (2021-2026) & (Units)
- Figure 24. Semiconductor Chillers and Heat Exchangers Consumed in Coater/Developer

Figure 25. Global Semiconductor Chillers and Heat Exchangers Market:  
Coater/Developer (2021-2026) & (Units)

Figure 26. Semiconductor Chillers and Heat Exchangers Consumed in Ion Implantation

Figure 27. Global Semiconductor Chillers and Heat Exchangers Market: Ion  
Implantation (2021-2026) & (Units)

Figure 28. Semiconductor Chillers and Heat Exchangers Consumed in Diffusion  
Process

Figure 29. Global Semiconductor Chillers and Heat Exchangers Market: Diffusion  
Process (2021-2026) & (Units)

Figure 30. Semiconductor Chillers and Heat Exchangers Consumed in Deposition  
Process

Figure 31. Global Semiconductor Chillers and Heat Exchangers Market: Deposition  
Process (2021-2026) & (Units)

Figure 32. Semiconductor Chillers and Heat Exchangers Consumed in CMP Process

Figure 33. Global Semiconductor Chillers and Heat Exchangers Market: CMP Process  
(2021-2026) & (Units)

Figure 34. Semiconductor Chillers and Heat Exchangers Consumed in Others

Figure 35. Global Semiconductor Chillers and Heat Exchangers Market: Others  
(2021-2026) & (Units)

Figure 36. Global Semiconductor Chillers and Heat Exchangers Sale Market Share by  
Application (2025)

Figure 37. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share  
by Application in 2025

Figure 38. Semiconductor Chillers and Heat Exchangers Sales by Company in 2025  
(Units)

Figure 39. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by  
Company in 2025

Figure 40. Semiconductor Chillers and Heat Exchangers Revenue by Company in 2025  
(\$ millions)

Figure 41. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share  
by Company in 2025

Figure 42. Global Semiconductor Chillers and Heat Exchangers Sales Market Share by  
Geographic Region (2021-2026)

Figure 43. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share  
by Geographic Region in 2025

Figure 44. Americas Semiconductor Chillers and Heat Exchangers Sales 2021-2026  
(Units)

Figure 45. Americas Semiconductor Chillers and Heat Exchangers Revenue 2021-2026  
(\$ millions)

Figure 46. APAC Semiconductor Chillers and Heat Exchangers Sales 2021-2026 (Units)

Figure 47. APAC Semiconductor Chillers and Heat Exchangers Revenue 2021-2026 (\$ millions)

Figure 48. Europe Semiconductor Chillers and Heat Exchangers Sales 2021-2026 (Units)

Figure 49. Europe Semiconductor Chillers and Heat Exchangers Revenue 2021-2026 (\$ millions)

Figure 50. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales 2021-2026 (Units)

Figure 51. Middle East & Africa Semiconductor Chillers and Heat Exchangers Revenue 2021-2026 (\$ millions)

Figure 52. Americas Semiconductor Chillers and Heat Exchangers Sales Market Share by Country in 2025

Figure 53. Americas Semiconductor Chillers and Heat Exchangers Revenue Market Share by Country (2021-2026)

Figure 54. Americas Semiconductor Chillers and Heat Exchangers Sales Market Share by Type (2021-2026)

Figure 55. Americas Semiconductor Chillers and Heat Exchangers Sales Market Share by Application (2021-2026)

Figure 56. United States Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 57. Canada Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 58. Mexico Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 59. Brazil Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 60. APAC Semiconductor Chillers and Heat Exchangers Sales Market Share by Region in 2025

Figure 61. APAC Semiconductor Chillers and Heat Exchangers Revenue Market Share by Region (2021-2026)

Figure 62. APAC Semiconductor Chillers and Heat Exchangers Sales Market Share by Type (2021-2026)

Figure 63. APAC Semiconductor Chillers and Heat Exchangers Sales Market Share by Application (2021-2026)

Figure 64. China Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 65. Japan Semiconductor Chillers and Heat Exchangers Revenue Growth

2021-2026 (\$ millions)

Figure 66. South Korea Semiconductor Chillers and Heat Exchangers Revenue Growth

2021-2026 (\$ millions)

Figure 67. Southeast Asia Semiconductor Chillers and Heat Exchangers Revenue

Growth 2021-2026 (\$ millions)

Figure 68. India Semiconductor Chillers and Heat Exchangers Revenue Growth

2021-2026 (\$ millions)

Figure 69. Australia Semiconductor Chillers and Heat Exchangers Revenue Growth

2021-2026 (\$ millions)

Figure 70. China Taiwan Semiconductor Chillers and Heat Exchangers Revenue

Growth 2021-2026 (\$ millions)

Figure 71. Europe Semiconductor Chillers and Heat Exchangers Sales Market Share by Country in 2025

Figure 72. Europe Semiconductor Chillers and Heat Exchangers Revenue Market

Share by Country (2021-2026)

Figure 73. Europe Semiconductor Chillers and Heat Exchangers Sales Market Share by Type (2021-2026)

Figure 74. Europe Semiconductor Chillers and Heat Exchangers Sales Market Share by Application (2021-2026)

Figure 75. Germany Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 76. France Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 77. UK Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 78. Italy Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 79. Russia Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 80. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales Market Share by Country (2021-2026)

Figure 81. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales Market Share by Type (2021-2026)

Figure 82. Middle East & Africa Semiconductor Chillers and Heat Exchangers Sales Market Share by Application (2021-2026)

Figure 83. Egypt Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 84. South Africa Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 85. Israel Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 86. Turkey Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 87. GCC Countries Semiconductor Chillers and Heat Exchangers Revenue Growth 2021-2026 (\$ millions)

Figure 88. Manufacturing Cost Structure Analysis of Semiconductor Chillers and Heat Exchangers in 2026

Figure 89. Manufacturing Process Analysis of Semiconductor Chillers and Heat Exchangers

Figure 90. Industry Chain Structure of Semiconductor Chillers and Heat Exchangers

Figure 91. Channels of Distribution

Figure 92. Global Semiconductor Chillers and Heat Exchangers Sales Market Forecast by Region (2027-2032)

Figure 93. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share Forecast by Region (2027-2032)

Figure 94. Global Semiconductor Chillers and Heat Exchangers Sales Market Share Forecast by Type (2027-2032)

Figure 95. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share Forecast by Type (2027-2032)

Figure 96. Global Semiconductor Chillers and Heat Exchangers Sales Market Share Forecast by Application (2027-2032)

Figure 97. Global Semiconductor Chillers and Heat Exchangers Revenue Market Share Forecast by Application (2027-2032)

## I would like to order

Product name: Global Semiconductor Chillers and Heat Exchangers Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G43AD4A86DA6EN.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](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/G43AD4A86DA6EN.html>