

# Global Refrigerant Charging Machine Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GDEAF03E5B9EEN.html>

Date: October 2023

Pages: 106

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

ID: GDEAF03E5B9EEN

## Abstracts

The global Refrigerant Charging Machine market size is expected to reach \$ 75 million by 2029, rising at a market growth of 3.1% CAGR during the forecast period (2023-2029).

The main companies that produce refrigerant charging machine is Ulvac, Chunmu, and AGRAMKOW, ect. The top five companies occupy over 45 percent market share in this field. Europe is the greatest producer of refrigerant charging machine, while China ranks No.2 and Japan ranks No.3. In terms of product type, it is divided into flammable ones and non-flammable ones. In terms of application, HVAC and automotive air conditioning are two main fields that it can be used.

Refrigerant charging machine is used to charge a new refrigeration system or recharge an old system that has lost its ability to provide proper cooling function.

This report studies the global Refrigerant Charging Machine production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Refrigerant Charging Machine, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Refrigerant Charging Machine that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Refrigerant Charging Machine total production and demand, 2018-2029, (Units)

Global Refrigerant Charging Machine total production value, 2018-2029, (USD Million)

Global Refrigerant Charging Machine production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Refrigerant Charging Machine consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Refrigerant Charging Machine domestic production, consumption, key domestic manufacturers and share

Global Refrigerant Charging Machine production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Refrigerant Charging Machine production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Refrigerant Charging Machine production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Refrigerant Charging Machine market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Ulvac, AGRAMKOW, Galileo TP Process Equipment, Fives Group, CACL, Serv-I-Quip, Chunmu, Sanmi and VTech Process Equipment, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Refrigerant Charging Machine market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Units) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Refrigerant Charging Machine Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Refrigerant Charging Machine Market, Segmentation by Type

Flammable Refrigerant Charging Machine

Non-Flammable Refrigerant Charging Machine

#### Global Refrigerant Charging Machine Market, Segmentation by Application

HVAC

Automotive Air Conditioning

Others

#### Companies Profiled:

Ulvac

AGRAMKOW

Galileo TP Process Equipment

Fives Group

CACL

Serv-I-Quip

Chunmu

Sanmi

VTech Process Equipment

FT Future Technologies

## Key Questions Answered

1. How big is the global Refrigerant Charging Machine market?
2. What is the demand of the global Refrigerant Charging Machine market?
3. What is the year over year growth of the global Refrigerant Charging Machine market?
4. What is the production and production value of the global Refrigerant Charging Machine market?
5. Who are the key producers in the global Refrigerant Charging Machine market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Refrigerant Charging Machine Introduction
- 1.2 World Refrigerant Charging Machine Supply & Forecast
  - 1.2.1 World Refrigerant Charging Machine Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Refrigerant Charging Machine Production (2018-2029)
  - 1.2.3 World Refrigerant Charging Machine Pricing Trends (2018-2029)
- 1.3 World Refrigerant Charging Machine Production by Region (Based on Production Site)
  - 1.3.1 World Refrigerant Charging Machine Production Value by Region (2018-2029)
  - 1.3.2 World Refrigerant Charging Machine Production by Region (2018-2029)
  - 1.3.3 World Refrigerant Charging Machine Average Price by Region (2018-2029)
  - 1.3.4 North America Refrigerant Charging Machine Production (2018-2029)
  - 1.3.5 Europe Refrigerant Charging Machine Production (2018-2029)
  - 1.3.6 China Refrigerant Charging Machine Production (2018-2029)
  - 1.3.7 Japan Refrigerant Charging Machine Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Refrigerant Charging Machine Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Refrigerant Charging Machine Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Refrigerant Charging Machine Demand (2018-2029)
- 2.2 World Refrigerant Charging Machine Consumption by Region
  - 2.2.1 World Refrigerant Charging Machine Consumption by Region (2018-2023)
  - 2.2.2 World Refrigerant Charging Machine Consumption Forecast by Region (2024-2029)
- 2.3 United States Refrigerant Charging Machine Consumption (2018-2029)
- 2.4 China Refrigerant Charging Machine Consumption (2018-2029)
- 2.5 Europe Refrigerant Charging Machine Consumption (2018-2029)
- 2.6 Japan Refrigerant Charging Machine Consumption (2018-2029)
- 2.7 South Korea Refrigerant Charging Machine Consumption (2018-2029)
- 2.8 ASEAN Refrigerant Charging Machine Consumption (2018-2029)
- 2.9 India Refrigerant Charging Machine Consumption (2018-2029)

### 3 WORLD REFRIGERANT CHARGING MACHINE MANUFACTURERS

## COMPETITIVE ANALYSIS

- 3.1 World Refrigerant Charging Machine Production Value by Manufacturer (2018-2023)
- 3.2 World Refrigerant Charging Machine Production by Manufacturer (2018-2023)
- 3.3 World Refrigerant Charging Machine Average Price by Manufacturer (2018-2023)
- 3.4 Refrigerant Charging Machine Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Refrigerant Charging Machine Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Refrigerant Charging Machine in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for Refrigerant Charging Machine in 2022
- 3.6 Refrigerant Charging Machine Market: Overall Company Footprint Analysis
  - 3.6.1 Refrigerant Charging Machine Market: Region Footprint
  - 3.6.2 Refrigerant Charging Machine Market: Company Product Type Footprint
  - 3.6.3 Refrigerant Charging Machine Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

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

- 4.1 United States VS China: Refrigerant Charging Machine Production Value Comparison
  - 4.1.1 United States VS China: Refrigerant Charging Machine Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: Refrigerant Charging Machine Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Refrigerant Charging Machine Production Comparison
  - 4.2.1 United States VS China: Refrigerant Charging Machine Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Refrigerant Charging Machine Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Refrigerant Charging Machine Consumption Comparison
  - 4.3.1 United States VS China: Refrigerant Charging Machine Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: Refrigerant Charging Machine Consumption Market

Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Refrigerant Charging Machine Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Refrigerant Charging Machine Production Value (2018-2023)

4.4.3 United States Based Manufacturers Refrigerant Charging Machine Production (2018-2023)

4.5 China Based Refrigerant Charging Machine Manufacturers and Market Share

4.5.1 China Based Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Refrigerant Charging Machine Production Value (2018-2023)

4.5.3 China Based Manufacturers Refrigerant Charging Machine Production (2018-2023)

4.6 Rest of World Based Refrigerant Charging Machine Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Refrigerant Charging Machine Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Refrigerant Charging Machine Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Refrigerant Charging Machine Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Flammable Refrigerant Charging Machine

5.2.2 Non-Flammable Refrigerant Charging Machine

5.3 Market Segment by Type

5.3.1 World Refrigerant Charging Machine Production by Type (2018-2029)

5.3.2 World Refrigerant Charging Machine Production Value by Type (2018-2029)

5.3.3 World Refrigerant Charging Machine Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**



6.1 World Refrigerant Charging Machine Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 HVAC

6.2.2 Automotive Air Conditioning

6.2.3 Others

6.3 Market Segment by Application

6.3.1 World Refrigerant Charging Machine Production by Application (2018-2029)

6.3.2 World Refrigerant Charging Machine Production Value by Application (2018-2029)

6.3.3 World Refrigerant Charging Machine Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Ulvac

7.1.1 Ulvac Details

7.1.2 Ulvac Major Business

7.1.3 Ulvac Refrigerant Charging Machine Product and Services

7.1.4 Ulvac Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Ulvac Recent Developments/Updates

7.1.6 Ulvac Competitive Strengths & Weaknesses

7.2 AGRAMKOW

7.2.1 AGRAMKOW Details

7.2.2 AGRAMKOW Major Business

7.2.3 AGRAMKOW Refrigerant Charging Machine Product and Services

7.2.4 AGRAMKOW Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 AGRAMKOW Recent Developments/Updates

7.2.6 AGRAMKOW Competitive Strengths & Weaknesses

7.3 Galileo TP Process Equipment

7.3.1 Galileo TP Process Equipment Details

7.3.2 Galileo TP Process Equipment Major Business

7.3.3 Galileo TP Process Equipment Refrigerant Charging Machine Product and Services

7.3.4 Galileo TP Process Equipment Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Galileo TP Process Equipment Recent Developments/Updates

7.3.6 Galileo TP Process Equipment Competitive Strengths & Weaknesses



## 7.4 Fives Group

### 7.4.1 Fives Group Details

### 7.4.2 Fives Group Major Business

### 7.4.3 Fives Group Refrigerant Charging Machine Product and Services

### 7.4.4 Fives Group Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.4.5 Fives Group Recent Developments/Updates

### 7.4.6 Fives Group Competitive Strengths & Weaknesses

## 7.5 CACL

### 7.5.1 CACL Details

### 7.5.2 CACL Major Business

### 7.5.3 CACL Refrigerant Charging Machine Product and Services

### 7.5.4 CACL Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.5.5 CACL Recent Developments/Updates

### 7.5.6 CACL Competitive Strengths & Weaknesses

## 7.6 Serv-I-Quip

### 7.6.1 Serv-I-Quip Details

### 7.6.2 Serv-I-Quip Major Business

### 7.6.3 Serv-I-Quip Refrigerant Charging Machine Product and Services

### 7.6.4 Serv-I-Quip Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.6.5 Serv-I-Quip Recent Developments/Updates

### 7.6.6 Serv-I-Quip Competitive Strengths & Weaknesses

## 7.7 Chunmu

### 7.7.1 Chunmu Details

### 7.7.2 Chunmu Major Business

### 7.7.3 Chunmu Refrigerant Charging Machine Product and Services

### 7.7.4 Chunmu Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.7.5 Chunmu Recent Developments/Updates

### 7.7.6 Chunmu Competitive Strengths & Weaknesses

## 7.8 Sanmi

### 7.8.1 Sanmi Details

### 7.8.2 Sanmi Major Business

### 7.8.3 Sanmi Refrigerant Charging Machine Product and Services

### 7.8.4 Sanmi Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.8.5 Sanmi Recent Developments/Updates

- 7.8.6 Sanmi Competitive Strengths & Weaknesses
- 7.9 VTech Process Equipment
  - 7.9.1 VTech Process Equipment Details
  - 7.9.2 VTech Process Equipment Major Business
  - 7.9.3 VTech Process Equipment Refrigerant Charging Machine Product and Services
  - 7.9.4 VTech Process Equipment Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.9.5 VTech Process Equipment Recent Developments/Updates
  - 7.9.6 VTech Process Equipment Competitive Strengths & Weaknesses
- 7.10 FT Future Technologies
  - 7.10.1 FT Future Technologies Details
  - 7.10.2 FT Future Technologies Major Business
  - 7.10.3 FT Future Technologies Refrigerant Charging Machine Product and Services
  - 7.10.4 FT Future Technologies Refrigerant Charging Machine Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.10.5 FT Future Technologies Recent Developments/Updates
  - 7.10.6 FT Future Technologies Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Refrigerant Charging Machine Industry Chain
- 8.2 Refrigerant Charging Machine Upstream Analysis
  - 8.2.1 Refrigerant Charging Machine Core Raw Materials
  - 8.2.2 Main Manufacturers of Refrigerant Charging Machine Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Refrigerant Charging Machine Production Mode
- 8.6 Refrigerant Charging Machine Procurement Model
- 8.7 Refrigerant Charging Machine Industry Sales Model and Sales Channels
  - 8.7.1 Refrigerant Charging Machine Sales Model
  - 8.7.2 Refrigerant Charging Machine Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



## List Of Tables

### LIST OF TABLES

Table 1. World Refrigerant Charging Machine Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Refrigerant Charging Machine Production Value by Region (2018-2023) & (USD Million)

Table 3. World Refrigerant Charging Machine Production Value by Region (2024-2029) & (USD Million)

Table 4. World Refrigerant Charging Machine Production Value Market Share by Region (2018-2023)

Table 5. World Refrigerant Charging Machine Production Value Market Share by Region (2024-2029)

Table 6. World Refrigerant Charging Machine Production by Region (2018-2023) & (Units)

Table 7. World Refrigerant Charging Machine Production by Region (2024-2029) & (Units)

Table 8. World Refrigerant Charging Machine Production Market Share by Region (2018-2023)

Table 9. World Refrigerant Charging Machine Production Market Share by Region (2024-2029)

Table 10. World Refrigerant Charging Machine Average Price by Region (2018-2023) & (US\$/Units)

Table 11. World Refrigerant Charging Machine Average Price by Region (2024-2029) & (US\$/Units)

Table 12. Refrigerant Charging Machine Major Market Trends

Table 13. World Refrigerant Charging Machine Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World Refrigerant Charging Machine Consumption by Region (2018-2023) & (Units)

Table 15. World Refrigerant Charging Machine Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World Refrigerant Charging Machine Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Refrigerant Charging Machine Producers in 2022

Table 18. World Refrigerant Charging Machine Production by Manufacturer (2018-2023) & (Units)

Table 19. Production Market Share of Key Refrigerant Charging Machine Producers in 2022

Table 20. World Refrigerant Charging Machine Average Price by Manufacturer (2018-2023) & (US\$/Units)

Table 21. Global Refrigerant Charging Machine Company Evaluation Quadrant

Table 22. World Refrigerant Charging Machine Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Refrigerant Charging Machine Production Site of Key Manufacturer

Table 24. Refrigerant Charging Machine Market: Company Product Type Footprint

Table 25. Refrigerant Charging Machine Market: Company Product Application Footprint

Table 26. Refrigerant Charging Machine Competitive Factors

Table 27. Refrigerant Charging Machine New Entrant and Capacity Expansion Plans

Table 28. Refrigerant Charging Machine Mergers & Acquisitions Activity

Table 29. United States VS China Refrigerant Charging Machine Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Refrigerant Charging Machine Production Comparison, (2018 & 2022 & 2029) & (Units)

Table 31. United States VS China Refrigerant Charging Machine Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Refrigerant Charging Machine Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Refrigerant Charging Machine Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Refrigerant Charging Machine Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers Refrigerant Charging Machine Production Market Share (2018-2023)

Table 37. China Based Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Refrigerant Charging Machine Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Refrigerant Charging Machine Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Refrigerant Charging Machine Production (2018-2023) & (Units)

Table 41. China Based Manufacturers Refrigerant Charging Machine Production Market Share (2018-2023)

Table 42. Rest of World Based Refrigerant Charging Machine Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Refrigerant Charging Machine Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Refrigerant Charging Machine Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Refrigerant Charging Machine Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Refrigerant Charging Machine Production Market Share (2018-2023)

Table 47. World Refrigerant Charging Machine Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Refrigerant Charging Machine Production by Type (2018-2023) & (Units)

Table 49. World Refrigerant Charging Machine Production by Type (2024-2029) & (Units)

Table 50. World Refrigerant Charging Machine Production Value by Type (2018-2023) & (USD Million)

Table 51. World Refrigerant Charging Machine Production Value by Type (2024-2029) & (USD Million)

Table 52. World Refrigerant Charging Machine Average Price by Type (2018-2023) & (US\$/Units)

Table 53. World Refrigerant Charging Machine Average Price by Type (2024-2029) & (US\$/Units)

Table 54. World Refrigerant Charging Machine Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Refrigerant Charging Machine Production by Application (2018-2023) & (Units)

Table 56. World Refrigerant Charging Machine Production by Application (2024-2029) & (Units)

Table 57. World Refrigerant Charging Machine Production Value by Application (2018-2023) & (USD Million)

Table 58. World Refrigerant Charging Machine Production Value by Application (2024-2029) & (USD Million)

Table 59. World Refrigerant Charging Machine Average Price by Application (2018-2023) & (US\$/Units)

Table 60. World Refrigerant Charging Machine Average Price by Application



(2024-2029) & (US\$/Units)

Table 61. Ulvac Basic Information, Manufacturing Base and Competitors

Table 62. Ulvac Major Business

Table 63. Ulvac Refrigerant Charging Machine Product and Services

Table 64. Ulvac Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Ulvac Recent Developments/Updates

Table 66. Ulvac Competitive Strengths & Weaknesses

Table 67. AGRAMKOW Basic Information, Manufacturing Base and Competitors

Table 68. AGRAMKOW Major Business

Table 69. AGRAMKOW Refrigerant Charging Machine Product and Services

Table 70. AGRAMKOW Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. AGRAMKOW Recent Developments/Updates

Table 72. AGRAMKOW Competitive Strengths & Weaknesses

Table 73. Galileo TP Process Equipment Basic Information, Manufacturing Base and Competitors

Table 74. Galileo TP Process Equipment Major Business

Table 75. Galileo TP Process Equipment Refrigerant Charging Machine Product and Services

Table 76. Galileo TP Process Equipment Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Galileo TP Process Equipment Recent Developments/Updates

Table 78. Galileo TP Process Equipment Competitive Strengths & Weaknesses

Table 79. Fives Group Basic Information, Manufacturing Base and Competitors

Table 80. Fives Group Major Business

Table 81. Fives Group Refrigerant Charging Machine Product and Services

Table 82. Fives Group Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Fives Group Recent Developments/Updates

Table 84. Fives Group Competitive Strengths & Weaknesses

Table 85. CACL Basic Information, Manufacturing Base and Competitors

Table 86. CACL Major Business

Table 87. CACL Refrigerant Charging Machine Product and Services

Table 88. CACL Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)



- Table 89. CACL Recent Developments/Updates
- Table 90. CACL Competitive Strengths & Weaknesses
- Table 91. Serv-I-Quip Basic Information, Manufacturing Base and Competitors
- Table 92. Serv-I-Quip Major Business
- Table 93. Serv-I-Quip Refrigerant Charging Machine Product and Services
- Table 94. Serv-I-Quip Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Serv-I-Quip Recent Developments/Updates
- Table 96. Serv-I-Quip Competitive Strengths & Weaknesses
- Table 97. Chunmu Basic Information, Manufacturing Base and Competitors
- Table 98. Chunmu Major Business
- Table 99. Chunmu Refrigerant Charging Machine Product and Services
- Table 100. Chunmu Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Chunmu Recent Developments/Updates
- Table 102. Chunmu Competitive Strengths & Weaknesses
- Table 103. Sanmi Basic Information, Manufacturing Base and Competitors
- Table 104. Sanmi Major Business
- Table 105. Sanmi Refrigerant Charging Machine Product and Services
- Table 106. Sanmi Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Sanmi Recent Developments/Updates
- Table 108. Sanmi Competitive Strengths & Weaknesses
- Table 109. VTech Process Equipment Basic Information, Manufacturing Base and Competitors
- Table 110. VTech Process Equipment Major Business
- Table 111. VTech Process Equipment Refrigerant Charging Machine Product and Services
- Table 112. VTech Process Equipment Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. VTech Process Equipment Recent Developments/Updates
- Table 114. FT Future Technologies Basic Information, Manufacturing Base and Competitors
- Table 115. FT Future Technologies Major Business
- Table 116. FT Future Technologies Refrigerant Charging Machine Product and Services

Table 117. FT Future Technologies Refrigerant Charging Machine Production (Units), Price (US\$/Units), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 118. Global Key Players of Refrigerant Charging Machine Upstream (Raw Materials)

Table 119. Refrigerant Charging Machine Typical Customers

Table 120. Refrigerant Charging Machine Typical Distributors

List of Figure

Figure 1. Refrigerant Charging Machine Picture

Figure 2. World Refrigerant Charging Machine Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Refrigerant Charging Machine Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Refrigerant Charging Machine Production (2018-2029) & (Units)

Figure 5. World Refrigerant Charging Machine Average Price (2018-2029) & (US\$/Units)

Figure 6. World Refrigerant Charging Machine Production Value Market Share by Region (2018-2029)

Figure 7. World Refrigerant Charging Machine Production Market Share by Region (2018-2029)

Figure 8. North America Refrigerant Charging Machine Production (2018-2029) & (Units)

Figure 9. Europe Refrigerant Charging Machine Production (2018-2029) & (Units)

Figure 10. China Refrigerant Charging Machine Production (2018-2029) & (Units)

Figure 11. Japan Refrigerant Charging Machine Production (2018-2029) & (Units)

Figure 12. Refrigerant Charging Machine Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 15. World Refrigerant Charging Machine Consumption Market Share by Region (2018-2029)

Figure 16. United States Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 17. China Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 18. Europe Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 19. Japan Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 20. South Korea Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 21. ASEAN Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 22. India Refrigerant Charging Machine Consumption (2018-2029) & (Units)

Figure 23. Producer Shipments of Refrigerant Charging Machine by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Refrigerant Charging Machine Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Refrigerant Charging Machine Markets in 2022

Figure 26. United States VS China: Refrigerant Charging Machine Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Refrigerant Charging Machine Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Refrigerant Charging Machine Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Refrigerant Charging Machine Production Market Share 2022

Figure 30. China Based Manufacturers Refrigerant Charging Machine Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Refrigerant Charging Machine Production Market Share 2022

Figure 32. World Refrigerant Charging Machine Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Refrigerant Charging Machine Production Value Market Share by Type in 2022

Figure 34. Flammable Refrigerant Charging Machine

Figure 35. Non-Flammable Refrigerant Charging Machine

Figure 36. World Refrigerant Charging Machine Production Market Share by Type (2018-2029)

Figure 37. World Refrigerant Charging Machine Production Value Market Share by Type (2018-2029)

Figure 38. World Refrigerant Charging Machine Average Price by Type (2018-2029) & (US\$/Units)

Figure 39. World Refrigerant Charging Machine Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 40. World Refrigerant Charging Machine Production Value Market Share by Application in 2022

Figure 41. HVAC

Figure 42. Automotive Air Conditioning

Figure 43. Others

Figure 44. World Refrigerant Charging Machine Production Market Share by Application (2018-2029)

Figure 45. World Refrigerant Charging Machine Production Value Market Share by Application (2018-2029)

Figure 46. World Refrigerant Charging Machine Average Price by Application (2018-2029) & (US\$/Units)

Figure 47. Refrigerant Charging Machine Industry Chain

Figure 48. Refrigerant Charging Machine Procurement Model

Figure 49. Refrigerant Charging Machine Sales Model

Figure 50. Refrigerant Charging Machine Sales Channels, Direct Sales, and Distribution

Figure 51. Methodology

Figure 52. Research Process and Data Source

## I would like to order

Product name: Global Refrigerant Charging Machine Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GDEAF03E5B9EEN.html>

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

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

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

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GDEAF03E5B9EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970