

# Global CO2 Refrigerant Sales Market Report 2016

<https://marketpublishers.com/r/G2D7CE7FE30EN.html>

Date: December 2016

Pages: 110

Price: US\$ 4,000.00 (Single User License)

ID: G2D7CE7FE30EN

## Abstracts

### Notes:

Sales, means the sales volume of CO2 Refrigerant

Revenue, means the sales value of CO2 Refrigerant

This report studies sales (consumption) of CO2 Refrigerant in Global market, especially in United States, China, Europe, Japan, focuses on top players in these regions/countries, with sales, price, revenue and market share for each player in these regions, covering

Airgas Inc.

The Linde Group

Sinochem Group

Engas Australasia

Harp International Ltd.

Tazzetti S.P.A.

Puyang Zhongwei Fine Chemical Co. Ltd.

Shandong Yueon Chemical Industry Ltd.

A-Gas International

Hychill Australia Pvt. Ltd.

GTS S.P.A

A.S. Trust and Holdings

Market Segment by Regions, this report splits Global into several key Regions, with sales (consumption), revenue, market share and growth rate of CO2 Refrigerant in these regions, from 2011 to 2021 (forecast), like

United States

China

Europe

Japan

Split by product Types, with sales, revenue, price and gross margin, market share and growth rate of each type, can be divided into

Type I

Type II

Type III

Split by applications, this report focuses on sales, market share and growth rate of CO2 Refrigerant in each application, can be divided into

Application 1

Application 2

Application 3



## Contents

### Global CO2 Refrigerant Sales Market Report 2016

#### **1 CO2 REFRIGERANT OVERVIEW**

##### 1.1 Product Overview and Scope of CO2 Refrigerant

##### 1.2 Classification of CO2 Refrigerant

###### 1.2.1 Type I

###### 1.2.2 Type II

###### 1.2.3 Type III

##### 1.3 Application of CO2 Refrigerant

###### 1.3.1 Application

###### 1.3.2 Application

###### 1.3.3 Application

##### 1.4 CO2 Refrigerant Market by Regions

###### 1.4.1 United States Status and Prospect (2011-2021)

###### 1.4.2 China Status and Prospect (2011-2021)

###### 1.4.3 Europe Status and Prospect (2011-2021)

###### 1.4.4 Japan Status and Prospect (2011-2021)

##### 1.5 Global Market Size (Value and Volume) of CO2 Refrigerant (2011-2021)

###### 1.5.1 Global CO2 Refrigerant Sales and Growth Rate (2011-2021)

###### 1.5.2 Global CO2 Refrigerant Revenue and Growth Rate (2011-2021)

#### **2 GLOBAL CO2 REFRIGERANT COMPETITION BY MANUFACTURERS, TYPE AND APPLICATION**

##### 2.1 Global CO2 Refrigerant Market Competition by Manufacturers

###### 2.1.1 Global CO2 Refrigerant Sales and Market Share of Key Manufacturers (2011-2016)

###### 2.1.2 Global CO2 Refrigerant Revenue and Share by Manufacturers (2011-2016)

##### 2.2 Global CO2 Refrigerant (Volume and Value) by Type

###### 2.2.1 Global CO2 Refrigerant Sales and Market Share by Type (2011-2016)

###### 2.2.2 Global CO2 Refrigerant Revenue and Market Share by Type (2011-2016)

##### 2.3 Global CO2 Refrigerant (Volume and Value) by Regions

###### 2.3.1 Global CO2 Refrigerant Sales and Market Share by Regions (2011-2016)

###### 2.3.2 Global CO2 Refrigerant Revenue and Market Share by Regions (2011-2016)

##### 2.4 Global CO2 Refrigerant (Volume) by Application

### **3 UNITED STATES CO2 REFRIGERANT (VOLUME, VALUE AND SALES PRICE)**

- 3.1 United States CO2 Refrigerant Sales and Value (2011-2016)
  - 3.1.1 United States CO2 Refrigerant Sales and Growth Rate (2011-2016)
  - 3.1.2 United States CO2 Refrigerant Revenue and Growth Rate (2011-2016)
  - 3.1.3 United States CO2 Refrigerant Sales Price Trend (2011-2016)
- 3.2 United States CO2 Refrigerant Sales and Market Share by Manufacturers
- 3.3 United States CO2 Refrigerant Sales and Market Share by Type
- 3.4 United States CO2 Refrigerant Sales and Market Share by Application

### **4 CHINA CO2 REFRIGERANT (VOLUME, VALUE AND SALES PRICE)**

- 4.1 China CO2 Refrigerant Sales and Value (2011-2016)
  - 4.1.1 China CO2 Refrigerant Sales and Growth Rate (2011-2016)
  - 4.1.2 China CO2 Refrigerant Revenue and Growth Rate (2011-2016)
  - 4.1.3 China CO2 Refrigerant Sales Price Trend (2011-2016)
- 4.2 China CO2 Refrigerant Sales and Market Share by Manufacturers
- 4.3 China CO2 Refrigerant Sales and Market Share by Type
- 4.4 China CO2 Refrigerant Sales and Market Share by Application

### **5 EUROPE CO2 REFRIGERANT (VOLUME, VALUE AND SALES PRICE)**

- 5.1 Europe CO2 Refrigerant Sales and Value (2011-2016)
  - 5.1.1 Europe CO2 Refrigerant Sales and Growth Rate (2011-2016)
  - 5.1.2 Europe CO2 Refrigerant Revenue and Growth Rate (2011-2016)
  - 5.1.3 Europe CO2 Refrigerant Sales Price Trend (2011-2016)
- 5.2 Europe CO2 Refrigerant Sales and Market Share by Manufacturers
- 5.3 Europe CO2 Refrigerant Sales and Market Share by Type
- 5.4 Europe CO2 Refrigerant Sales and Market Share by Application

### **6 JAPAN CO2 REFRIGERANT (VOLUME, VALUE AND SALES PRICE)**

- 6.1 Japan CO2 Refrigerant Sales and Value (2011-2016)
  - 6.1.1 Japan CO2 Refrigerant Sales and Growth Rate (2011-2016)
  - 6.1.2 Japan CO2 Refrigerant Revenue and Growth Rate (2011-2016)
  - 6.1.3 Japan CO2 Refrigerant Sales Price Trend (2011-2016)
- 6.2 Japan CO2 Refrigerant Sales and Market Share by Manufacturers
- 6.3 Japan CO2 Refrigerant Sales and Market Share by Type
- 6.4 Japan CO2 Refrigerant Sales and Market Share by Application

## **7 GLOBAL CO2 REFRIGERANT MANUFACTURERS ANALYSIS**

### 7.1 Airgas Inc.

7.1.1 Company Basic Information, Manufacturing Base and Competitors

7.1.2 CO2 Refrigerant Product Type, Application and Specification

7.1.2.1 Type I

7.1.2.2 Type II

7.1.3 Airgas Inc. CO2 Refrigerant Sales, Revenue, Price and Gross Margin  
(2011-2016)

7.1.4 Main Business/Business Overview

### 7.2 The Linde Group

7.2.1 Company Basic Information, Manufacturing Base and Competitors

7.2.2 110 Product Type, Application and Specification

7.2.2.1 Type I

7.2.2.2 Type II

7.2.3 The Linde Group CO2 Refrigerant Sales, Revenue, Price and Gross Margin  
(2011-2016)

7.2.4 Main Business/Business Overview

### 7.3 Sinochem Group

7.3.1 Company Basic Information, Manufacturing Base and Competitors

7.3.2 135 Product Type, Application and Specification

7.3.2.1 Type I

7.3.2.2 Type II

7.3.3 Sinochem Group CO2 Refrigerant Sales, Revenue, Price and Gross Margin  
(2011-2016)

7.3.4 Main Business/Business Overview

### 7.4 Engas Australasia

7.4.1 Company Basic Information, Manufacturing Base and Competitors

7.4.2 Dec Product Type, Application and Specification

7.4.2.1 Type I

7.4.2.2 Type II

7.4.3 Engas Australasia CO2 Refrigerant Sales, Revenue, Price and Gross Margin  
(2011-2016)

7.4.4 Main Business/Business Overview

### 7.5 Harp International Ltd.

7.5.1 Company Basic Information, Manufacturing Base and Competitors

7.5.2 Product Type, Application and Specification

7.5.2.1 Type I

- 7.5.2.2 Type II
- 7.5.3 Harp International Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)
- 7.5.4 Main Business/Business Overview
- 7.6 Tazzetti S.P.A.
  - 7.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.6.2 Million USD Product Type, Application and Specification
    - 7.6.2.1 Type I
    - 7.6.2.2 Type II
  - 7.6.3 Tazzetti S.P.A. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.6.4 Main Business/Business Overview
- 7.7 Puyang Zhongwei Fine Chemical Co. Ltd.
  - 7.7.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.7.2 Chemical & Material Product Type, Application and Specification
    - 7.7.2.1 Type I
    - 7.7.2.2 Type II
  - 7.7.3 Puyang Zhongwei Fine Chemical Co. Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.7.4 Main Business/Business Overview
- 7.8 Shandong Yueon Chemical Industry Ltd.
  - 7.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.8.2 Product Type, Application and Specification
    - 7.8.2.1 Type I
    - 7.8.2.2 Type II
  - 7.8.3 Shandong Yueon Chemical Industry Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.8.4 Main Business/Business Overview
- 7.9 A-Gas International
  - 7.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.9.2 Product Type, Application and Specification
    - 7.9.2.1 Type I
    - 7.9.2.2 Type II
  - 7.9.3 A-Gas International CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)
  - 7.9.4 Main Business/Business Overview
- 7.10 Hychill Australia Pvt. Ltd.
  - 7.10.1 Company Basic Information, Manufacturing Base and Competitors
  - 7.10.2 Product Type, Application and Specification

7.10.2.1 Type I

7.10.2.2 Type II

7.10.3 Hychill Australia Pvt. Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)

7.10.4 Main Business/Business Overview

7.11 GTS S.P.A

7.12 A.S. Trust and Holdings

## **8 CO2 REFRIGERANT MAUFACTURING COST ANALYSIS**

8.1 CO2 Refrigerant Key Raw Materials Analysis

8.1.1 Key Raw Materials

8.1.2 Price Trend of Key Raw Materials

8.1.3 Key Suppliers of Raw Materials

8.1.4 Market Concentration Rate of Raw Materials

8.2 Proportion of Manufacturing Cost Structure

8.2.1 Raw Materials

8.2.2 Labor Cost

8.2.3 Manufacturing Process Analysis of CO2 Refrigerant

## **9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

9.1 CO2 Refrigerant Industrial Chain Analysis

9.2 Upstream Raw Materials Sourcing

9.3 Raw Materials Sources of CO2 Refrigerant Major Manufacturers in 2015

9.4 Downstream Buyers

## **10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

10.1 Marketing Channel

10.1.1 Direct Marketing

10.1.2 Indirect Marketing

10.1.3 Marketing Channel Development Trend

10.2 Market Positioning

10.2.1 Pricing Strategy

10.2.2 Brand Strategy

10.2.3 Target Client

10.3 Distributors/Traders List



## **11 MARKET EFFECT FACTORS ANALYSIS**

### 11.1 Technology Progress/Risk

#### 11.1.1 Substitutes Threat

#### 11.1.2 Technology Progress in Related Industry

### 11.2 Consumer Needs/Customer Preference Change

### 11.3 Economic/Political Environmental Change

## **12 GLOBAL CO2 REFRIGERANT MARKET FORECAST (2016-2021)**

### 12.1 Global CO2 Refrigerant Sales, Revenue Forecast (2016-2021)

### 12.2 Global CO2 Refrigerant Sales Forecast by Regions (2016-2021)

### 12.3 Global CO2 Refrigerant Sales Forecast by Type (2016-2021)

### 12.4 Global CO2 Refrigerant Sales Forecast by Application (2016-2021)

## **13 APPENDIX**

Disclosure Section

Research Methodology

Data Source

China Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of CO2 Refrigerant  
Table Classification of CO2 Refrigerant  
Figure Global Sales Market Share of CO2 Refrigerant by Type in 2015  
Figure Type I Picture  
Figure Type II Picture  
Table Applications of CO2 Refrigerant  
Figure Global Sales Market Share of CO2 Refrigerant by Application in 2015  
Figure Application 1 Examples  
Figure Application 2 Examples  
Figure United States CO2 Refrigerant Revenue and Growth Rate (2011-2021)  
Figure China CO2 Refrigerant Revenue and Growth Rate (2011-2021)  
Figure Europe CO2 Refrigerant Revenue and Growth Rate (2011-2021)  
Figure Japan CO2 Refrigerant Revenue and Growth Rate (2011-2021)  
Figure Global CO2 Refrigerant Sales and Growth Rate (2011-2021)  
Figure Global CO2 Refrigerant Revenue and Growth Rate (2011-2021)  
Table Global CO2 Refrigerant Sales of Key Manufacturers (2011-2016)  
Table Global CO2 Refrigerant Sales Share by Manufacturers (2011-2016)  
Figure 2015 CO2 Refrigerant Sales Share by Manufacturers  
Figure 2016 CO2 Refrigerant Sales Share by Manufacturers  
Table Global CO2 Refrigerant Revenue by Manufacturers (2011-2016)  
Table Global CO2 Refrigerant Revenue Share by Manufacturers (2011-2016)  
Table 2015 Global CO2 Refrigerant Revenue Share by Manufacturers  
Table 2016 Global CO2 Refrigerant Revenue Share by Manufacturers  
Table Global CO2 Refrigerant Sales and Market Share by Type (2011-2016)  
Table Global CO2 Refrigerant Sales Share by Type (2011-2016)  
Figure Sales Market Share of CO2 Refrigerant by Type (2011-2016)  
Figure Global CO2 Refrigerant Sales Growth Rate by Type (2011-2016)  
Table Global CO2 Refrigerant Revenue and Market Share by Type (2011-2016)  
Table Global CO2 Refrigerant Revenue Share by Type (2011-2016)  
Figure Revenue Market Share of CO2 Refrigerant by Type (2011-2016)  
Figure Global CO2 Refrigerant Revenue Growth Rate by Type (2011-2016)  
Table Global CO2 Refrigerant Sales and Market Share by Regions (2011-2016)  
Table Global CO2 Refrigerant Sales Share by Regions (2011-2016)  
Figure Sales Market Share of CO2 Refrigerant by Regions (2011-2016)  
Figure Global CO2 Refrigerant Sales Growth Rate by Regions (2011-2016)

Table Global CO2 Refrigerant Revenue and Market Share by Regions (2011-2016)  
Table Global CO2 Refrigerant Revenue Share by Regions (2011-2016)  
Figure Revenue Market Share of CO2 Refrigerant by Regions (2011-2016)  
Figure Global CO2 Refrigerant Revenue Growth Rate by Regions (2011-2016)  
Table Global CO2 Refrigerant Sales and Market Share by Application (2011-2016)  
Table Global CO2 Refrigerant Sales Share by Application (2011-2016)  
Figure Sales Market Share of CO2 Refrigerant by Application (2011-2016)  
Figure Global CO2 Refrigerant Sales Growth Rate by Application (2011-2016)  
Figure United States CO2 Refrigerant Sales and Growth Rate (2011-2016)  
Figure United States CO2 Refrigerant Revenue and Growth Rate (2011-2016)  
Figure United States CO2 Refrigerant Sales Price Trend (2011-2016)  
Table United States CO2 Refrigerant Sales by Manufacturers (2011-2016)  
Table United States CO2 Refrigerant Market Share by Manufacturers (2011-2016)  
Table United States CO2 Refrigerant Sales by Type (2011-2016)  
Table United States CO2 Refrigerant Market Share by Type (2011-2016)  
Table United States CO2 Refrigerant Sales by Application (2011-2016)  
Table United States CO2 Refrigerant Market Share by Application (2011-2016)  
Figure China CO2 Refrigerant Sales and Growth Rate (2011-2016)  
Figure China CO2 Refrigerant Revenue and Growth Rate (2011-2016)  
Figure China CO2 Refrigerant Sales Price Trend (2011-2016)  
Table China CO2 Refrigerant Sales by Manufacturers (2011-2016)  
Table China CO2 Refrigerant Market Share by Manufacturers (2011-2016)  
Table China CO2 Refrigerant Sales by Type (2011-2016)  
Table China CO2 Refrigerant Market Share by Type (2011-2016)  
Table China CO2 Refrigerant Sales by Application (2011-2016)  
Table China CO2 Refrigerant Market Share by Application (2011-2016)  
Figure Europe CO2 Refrigerant Sales and Growth Rate (2011-2016)  
Figure Europe CO2 Refrigerant Revenue and Growth Rate (2011-2016)  
Figure Europe CO2 Refrigerant Sales Price Trend (2011-2016)  
Table Europe CO2 Refrigerant Sales by Manufacturers (2011-2016)  
Table Europe CO2 Refrigerant Market Share by Manufacturers (2011-2016)  
Table Europe CO2 Refrigerant Sales by Type (2011-2016)  
Table Europe CO2 Refrigerant Market Share by Type (2011-2016)  
Table Europe CO2 Refrigerant Sales by Application (2011-2016)  
Table Europe CO2 Refrigerant Market Share by Application (2011-2016)  
Figure Japan CO2 Refrigerant Sales and Growth Rate (2011-2016)  
Figure Japan CO2 Refrigerant Revenue and Growth Rate (2011-2016)  
Figure Japan CO2 Refrigerant Sales Price Trend (2011-2016)  
Table Japan CO2 Refrigerant Sales by Manufacturers (2011-2016)

Table Japan CO2 Refrigerant Market Share by Manufacturers (2011-2016)  
Table Japan CO2 Refrigerant Sales by Type (2011-2016)  
Table Japan CO2 Refrigerant Market Share by Type (2011-2016)  
Table Japan CO2 Refrigerant Sales by Application (2011-2016)  
Table Japan CO2 Refrigerant Market Share by Application (2011-2016)  
Table Airgas Inc. Basic Information List  
Table Airgas Inc. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Airgas Inc. CO2 Refrigerant Global Market Share (2011-2016)  
Table The Linde Group Basic Information List  
Table The Linde Group CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure The Linde Group CO2 Refrigerant Global Market Share (2011-2016)  
Table Sinochem Group Basic Information List  
Table Sinochem Group CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Sinochem Group CO2 Refrigerant Global Market Share (2011-2016)  
Table Engas Australasia Basic Information List  
Table Engas Australasia CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Engas Australasia CO2 Refrigerant Global Market Share (2011-2016)  
Table Harp International Ltd. Basic Information List  
Table Harp International Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Harp International Ltd. CO2 Refrigerant Global Market Share (2011-2016)  
Table Tazzetti S.P.A. Basic Information List  
Table Tazzetti S.P.A. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Tazzetti S.P.A. CO2 Refrigerant Global Market Share (2011-2016)  
Table Puyang Zhongwei Fine Chemical Co. Ltd. Basic Information List  
Table Puyang Zhongwei Fine Chemical Co. Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Puyang Zhongwei Fine Chemical Co. Ltd. CO2 Refrigerant Global Market Share (2011-2016)  
Table Shandong Yueon Chemical Industry Ltd. Basic Information List  
Table Shandong Yueon Chemical Industry Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Shandong Yueon Chemical Industry Ltd. CO2 Refrigerant Global Market Share (2011-2016)

Table A-Gas International Basic Information List  
Table A-Gas International CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure A-Gas International CO2 Refrigerant Global Market Share (2011-2016)  
Table Hychill Australia Pvt. Ltd. Basic Information List  
Table Hychill Australia Pvt. Ltd. CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure Hychill Australia Pvt. Ltd. CO2 Refrigerant Global Market Share (2011-2016)  
Table GTS S.P.A Basic Information List  
Table GTS S.P.A CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure GTS S.P.A CO2 Refrigerant Global Market Share (2011-2016)  
Table A.S. Trust and Holdings Basic Information List  
Table A.S. Trust and Holdings CO2 Refrigerant Sales, Revenue, Price and Gross Margin (2011-2016)  
Figure A.S. Trust and Holdings CO2 Refrigerant Global Market Share (2011-2016)  
Table Production Base and Market Concentration Rate of Raw Material  
Figure Price Trend of Key Raw Materials  
Table Key Suppliers of Raw Materials  
Figure Manufacturing Cost Structure of CO2 Refrigerant  
Figure Manufacturing Process Analysis of CO2 Refrigerant  
Figure CO2 Refrigerant Industrial Chain Analysis  
Table Raw Materials Sources of CO2 Refrigerant Major Manufacturers in 2015  
Table Major Buyers of CO2 Refrigerant  
Table Distributors/Traders List  
Figure Global CO2 Refrigerant Sales and Growth Rate Forecast (2016-2021)  
Figure Global CO2 Refrigerant Revenue and Growth Rate Forecast (2016-2021)  
Table Global CO2 Refrigerant Sales Forecast by Regions (2016-2021)  
Table Global CO2 Refrigerant Sales Forecast by Type (2016-2021)  
Table Global CO2 Refrigerant Sales Forecast by Application (2016-2021)

## I would like to order

Product name: Global CO2 Refrigerant Sales Market Report 2016

Product link: <https://marketpublishers.com/r/G2D7CE7FE30EN.html>

Price: US\$ 4,000.00 (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/G2D7CE7FE30EN.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