

# Cryogenic Valve Market - Forecasts from 2019 to 2024

<https://marketpublishers.com/r/C631E882B179EN.html>

Date: June 2019

Pages: 118

Price: US\$ 3,950.00 (Single User License)

ID: C631E882B179EN

## Abstracts

The cryogenic valve market was estimated at US\$1,932.817 million in 2018 and is projected to expand at a CAGR of 5.03% during the forecast period to grow to US\$2,594.699 million in 2024. Cryogenic valves help in production, storage and transportation of cryogenic gases as the volume of industrial and natural gases reduce when liquified at cryogenic temperatures. The growth in cryogenic valve market is primarily attributed to the rising demand and production of industrial gases such as nitrogen, oxygen, helium, and others. These are also used by companies that work with Liquefied Natural Gas (LNG) and Compressed Natural Gas (CNG).

Growing industries such as food and beverage and pharmaceuticals owing to rising demand for processed food products and rising prevalence of chronic diseases is, in turn, boosting the demand for cryogenic valves across these end-user industries. Increase in usage of LPG and CNG as fuel with low carbon footprint is creating significant opportunities for manufacturers of cryogenic valves. Volatile metal prices can act as a restraint for market growth resulting in declining profits. By type, ball valve segment holds significant market share as these valves are designed for transportation, liquefied gas productions, and storage applications. Geographically, APAC is projected to witness the fastest growth owing to the expansion of the manufacturing bases of end-user industries in countries like China and India.

## DRIVERS

Rising demand and production of industrial and natural gases

Growth of food processing industry

Growth of the pharmaceutical industry

## RESTRAINT

Unstable metal prices

## INDUSTRY UPDATE

In September 2015, Parker Hannifin, a maker of motion and control technologies acquired UK firm President Engineering group that makes cryogenic valves for liquefied natural gas and industrial gas applications, as well as specialized equipment for mining safety uses.

## SEGMENTATION

The cryogenic valve market has been analyzed through the following segments:

### By Type

Globe Valve

Ball Valve

Gate Valve

Butterfly Valve

Check Valve

### By Application

Liquefiers

Manifolds and Gas Trains

Tanks and Cold Boxes

Transfer Lines

### By End-Use Industry

Energy and Power

Food and Beverage

Pharmaceuticals

Chemical

Others

### By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

Germany

France

United Kingdom

Spain

Others

Middle East and Africa

Saudi Arabia

Israel

Others

Asia Pacific

China

Japan

South Korea

India

Others

## Contents

### **1. INTRODUCTION**

- 1.1. Market Overview
- 1.2. Market Definition
- 1.3. Scope of the Study
- 1.4. Currency
- 1.5. Assumptions
- 1.6. Base, and Forecast Years Timeline

### **2. RESEARCH METHODOLOGY**

- 2.1. Research Design
- 2.2. Secondary Sources

### **3. KEY FINDINGS**

### **4. MARKET DYNAMICS**

- 4.1. Market Segmentation
- 4.2. Market Drivers
- 4.3. Market Restraints
- 4.4. Market Opportunities
- 4.5. Porter's Five Forces Analysis
  - 4.5.1. Bargaining Power of Suppliers
  - 4.5.2. Bargaining Power of Buyers
  - 4.5.3. Threat of New Entrants
  - 4.5.4. Threat of Substitutes
  - 4.5.5. Competitive Rivalry in the Industry
- 4.6. Life Cycle Analysis - Regional Snapshot
- 4.7. Market Attractiveness

### **5. CRYOGENIC VALVE MARKET BY TYPE**

- 5.1. Globe Valve
- 5.2. Ball Valve
- 5.3. Gate Valve
- 5.4. Butterfly valve

5.5. Check valve

5.6. Others

## **6. CRYOGENIC VALVE MARKET BY APPLICATION**

6.1. Liquefiers

6.2. Manifold and Gas Trains

6.3. Tanks and Cold Boxes

6.4. Transfer Lines

6.5. Others

## **7. CRYOGENIC VALVE MARKET BY END USE INDUSTRY**

7.1 Energy and Power

7.2 Food and Beverage

7.3 Pharmaceuticals

7.4 Chemical

7.5 Others

## **8. CRYOGENIC VALVE MARKET BY GEOGRAPHY**

8.1. North America

8.1.1. USA

8.1.2. Canada

8.1.3. Mexico

8.2. South America

8.2.1. Brazil

8.2.2. Argentina

8.2.3. Others

8.3. Europe

8.3.1. Germany

8.3.2. France

8.3.3. United Kingdom

8.3.4. Spain

8.3.5. Others

8.4. Middle East and Africa

8.4.1. Saudi Arabia

8.4.2. Israel

8.4.3. Others

## 8.5. Asia Pacific

8.5.1. China

8.5.2. Japan

8.5.3. South Korea

8.5.4. India

8.5.5. Others

## 9. COMPETITIVE INTELLIGENCE

9.1. Competitive Benchmarking and Analysis

9.2. Recent Investments and Deals

9.3. Strategies of Key Players

## 10. COMPANY PROFILES

10.1. Bac Valves

10.2. Emerson Electric Co

10.3. Goetze KG

10.4. Cryocomp.

10.5. L&T Valves Limited

10.6. Velan

10.7. Schlumberger

10.8. Habonim

10.9. Heroes GmbH

10.10. Bray

LIST OF FIGURES

LIST OF TABLES

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