

# **Global Aftercoolers Market Size study & Forecast, by Product (Air-cooled, Water-cooled) by Application (Oil & Gas, Chemicals, Power Generation, Food & Beverage, Others) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Aftercoolers Market is valued approximately at USD 1.33 billion in 2022 and is anticipated to grow with a growth rate of more than 6.5% over the forecast period 2023-2030. Aftercoolers are devices used in compressed air systems to cool down compressed air. This cooling process helps to remove moisture and reduce the temperature of the compressed air, making it more suitable for various applications such as HVAC Systems, industrial and pharmaceutical applications. Aftercoolers typically use ambient air or water to cool the compressed air, allowing it to condense and separate out any moisture or contaminants present in the air. The Aftercoolers market is expanding because of factors such as growing industrialization and manufacturing activities, expansion of the construction sector and rising demand for energy efficiency.

The burgeoning expansion of the construction sector is playing a pivotal role in propelling the growth of the Aftercoolers market. Compressed air serves as a fundamental utility in construction activities, powering a myriad of pneumatic tools and equipment essential for various tasks such as drilling, nailing, and sandblasting. As the construction industry continues to experience robust growth globally, the demand for efficient compressed air systems equipped with aftercoolers is witnessing a substantial upswing. According to Statista, the global Construction industry spending in year 2019, stood at USD 12 trillion which increased to USD 12.9 trillion in the year 2021 and it is projected to reach USD 19.2 trillion by the year 2035. In addition, increasing government regulations on limiting carbon emissions and ongoing technological advancements in aftercooler designs and materials are some factors driving the market

growth. However, availability of alternative technologies stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Aftercoolers Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share. The region's leading position in the aftercoolers market is credited to legislation advocating for energy efficiency and the burgeoning industrial sector. This has fueled a robust Compound Annual Growth Rate (CAGR) in revenue. Anticipated growth in demand for smart aftercoolers in North America is driven by the integration of intelligent technologies within industrial operations. Manufacturers are actively meeting this demand by innovating energy-efficient aftercoolers, integrating features such as high-efficiency brushless motors, Internet of Things (IoT) connectivity, and Machine Learning (ML) capabilities. Europe is expected to grow at a fastest rate during the forecast period, owing to factors such as rising adoption of smart manufacturing technologies, rising industrialization, in the region.

Major market player included in this report are:

Atlas Copco AB

Gardner Denver, Inc.

Alfa Laval AB

Sullair LLC

General Electric Company

Ingersoll Rand, Inc.

Parker Hannifin Corporation

Kaeser Compressors, Inc.

Quincy Compressor LLC

Stewart & Stevenson LLC

## Recent Developments in the Market:

In the year 2021, Atlas Copco AB announced acquisition of Scheugenpflug AG, a German company with expertise in adhesive bonding, dispensing, and potting systems tailored for the automotive and electronics sectors. This strategic acquisition is geared towards broadening Atlas Copco's array of products within the market.

In the year 2021, Alfa Laval introduced the Alfa Laval CB110, a novel series of compact aftercoolers tailored for air compressors. Noteworthy for their streamlined design, these aftercoolers facilitate straightforward installation and maintenance. Additionally, they boast high thermal efficiency and minimal pressure drop.

## Global Aftercoolers Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Product, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries

involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Product:

Air-cooled

Water-cooled

By Application:

Oil & Gas

Chemicals

Power Generation

Food & Beverage

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### CHAPTER 1 EXECUTIVE SUMMARY

- 1.1 Market Snapshot
- 1.2 Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1 Aftercoolers Market, by region, 2020-2030 (USD Billion)
  - 1.2.2 Aftercoolers Market, by Product, 2020-2030 (USD Billion)
  - 1.2.3 Aftercoolers Market, by Application, 2020-2030 (USD Billion)
- 1.3 Key Trends
- 1.4 Estimation Methodology
- 1.5 Research Assumption

### CHAPTER 2 GLOBAL AFTERCOOLERS MARKET DEFINITION AND SCOPE

- 2.1 Objective of the Study
- 2.2 Market Definition & Scope
  - 2.2.1 Industry Evolution
  - 2.2.2 Scope of the Study
- 2.3 Years Considered for the Study
- 2.4 Currency Conversion Rates

### CHAPTER 3 GLOBAL AFTERCOOLERS MARKET DYNAMICS

- 3.1 Aftercoolers Market Impact Analysis (2020-2030)
  - 3.1.1 Market Drivers
    - 3.1.1.1 Growing industrialization and manufacturing activities
    - 3.1.1.2 Expansion of the construction sector
    - 3.1.1.3 Rising demand for energy efficiency solutions
  - 3.1.2 Market Challenges
    - 3.1.2.1 High Cost of Aftercoolers
  - 3.1.3 Market Opportunities
    - 3.1.3.1 Increasing government focus on carbon emissions
    - 3.1.3.2 Ongoing technological advancements in aftercooler designs and materials

### CHAPTER 4 GLOBAL AFTERCOOLERS MARKET: INDUSTRY ANALYSIS

- 4.1 Porter's 5 Force Model
  - 4.1.1 Bargaining Power of Suppliers

- 4.1.2 Bargaining Power of Buyers
- 4.1.3 Threat of New Entrants
- 4.1.4 Threat of Substitutes
- 4.1.5 Competitive Rivalry
- 4.2 Porter's 5 Force Impact Analysis
- 4.3 PEST Analysis
  - 4.3.1 Political
  - 4.3.2 Economic
  - 4.3.3 Social
  - 4.3.4 Technological
  - 4.3.5 Environmental
  - 4.3.6 Legal
- 4.4 Top investment opportunity
- 4.5 Top winning strategies
- 4.6 COVID-19 Impact Analysis
- 4.7 Disruptive Trends
- 4.8 Industry Expert Perspective
- 4.9 Analyst Recommendation & Conclusion

## **CHAPTER 5 GLOBAL AFTERCOOLERS MARKET, BY PRODUCT**

- 5.1 Market Snapshot
- 5.2 Global Aftercoolers Market by Product, Performance - Potential Analysis
- 5.3 Global Aftercoolers Market Estimates & Forecasts by Product 2020-2030 (USD Billion)
- 5.4 Aftercoolers Market, Sub Segment Analysis
  - 5.4.1 Air-cooled
  - 5.4.2 Water-cooled

## **CHAPTER 6 GLOBAL AFTERCOOLERS MARKET, BY APPLICATION**

- 6.1 Market Snapshot
- 6.2 Global Aftercoolers Market by Application, Performance - Potential Analysis
- 6.3 Global Aftercoolers Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 6.4 Aftercoolers Market, Sub Segment Analysis
  - 6.4.1 Oil & Gas
  - 6.4.2 Chemicals
  - 6.4.3 Power Generation

6.4.4 Food & Beverage

6.4.5 Others

## **CHAPTER 7 GLOBAL AFTERCOOLERS MARKET, REGIONAL ANALYSIS**

7.1 Top Leading Countries

7.2 Top Emerging Countries

7.3 Aftercoolers Market, Regional Market Snapshot

7.4 North America Aftercoolers Market

7.4.1 U.S. Aftercoolers Market

7.4.1.1 Product breakdown estimates & forecasts, 2020-2030

7.4.1.2 Application breakdown estimates & forecasts, 2020-2030

7.4.2 Canada Aftercoolers Market

7.5 Europe Aftercoolers Market Snapshot

7.5.1 U.K. Aftercoolers Market

7.5.2 Germany Aftercoolers Market

7.5.3 France Aftercoolers Market

7.5.4 Spain Aftercoolers Market

7.5.5 Italy Aftercoolers Market

7.5.6 Rest of Europe Aftercoolers Market

7.6 Asia-Pacific Aftercoolers Market Snapshot

7.6.1 China Aftercoolers Market

7.6.2 India Aftercoolers Market

7.6.3 Japan Aftercoolers Market

7.6.4 Australia Aftercoolers Market

7.6.5 South Korea Aftercoolers Market

7.6.6 Rest of Asia Pacific Aftercoolers Market

7.7 Latin America Aftercoolers Market Snapshot

7.7.1 Brazil Aftercoolers Market

7.7.2 Mexico Aftercoolers Market

7.8 Middle East & Africa Aftercoolers Market

7.8.1 Saudi Arabia Aftercoolers Market

7.8.2 South Africa Aftercoolers Market

7.8.3 Rest of Middle East & Africa Aftercoolers Market

## **CHAPTER 8 COMPETITIVE INTELLIGENCE**

8.1 Key Company SWOT Analysis

8.1.1 Company



- 8.1.2 Company
- 8.1.3 Company
- 8.2 Top Market Strategies
- 8.3 Company Profiles
  - 8.3.1 Atlas Copco AB
    - 8.3.1.1 Key Information
    - 8.3.1.2 Overview
    - 8.3.1.3 Financial (Subject to Data Availability)
    - 8.3.1.4 Product Summary
    - 8.3.1.5 Recent Developments
  - 8.3.2 Gardner Denver, Inc.
  - 8.3.3 Alfa Laval AB
  - 8.3.4 Sullair LLC
  - 8.3.5 General Electric Company
  - 8.3.6 Ingersoll Rand, Inc.
  - 8.3.7 Parker Hannifin Corporation
  - 8.3.8 Kaeser Compressors, Inc.
  - 8.3.9 Quincy Compressor LLC
  - 8.3.10 Stewart & Stevenson LLC

## **CHAPTER 9 RESEARCH PROCESS**

- 9.1 Research Process
  - 9.1.1 Data Mining
  - 9.1.2 Analysis
  - 9.1.3 Market Estimation
  - 9.1.4 Validation
  - 9.1.5 Publishing
- 9.2 Research Attributes
- 9.3 Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1 Global Aftercoolers Market, report scope

TABLE 2 Global Aftercoolers Market estimates & forecasts by region 2020-2030 (USD Billion)

TABLE 3 Global Aftercoolers Market estimates & forecasts by Product 2020-2030 (USD Billion)

TABLE 4 Global Aftercoolers Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 5 Global Aftercoolers Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6 Global Aftercoolers Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7 Global Aftercoolers Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8 Global Aftercoolers Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9 Global Aftercoolers Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10 Global Aftercoolers Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11 Global Aftercoolers Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12 Global Aftercoolers Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13 Global Aftercoolers Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14 Global Aftercoolers Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15 U.S. Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16 U.S. Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 17 U.S. Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18 Canada Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 19 Canada Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20 Canada Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21 UK Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22 UK Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23 UK Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24 Germany Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25 Germany Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26 Germany Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27 France Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28 France Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29 France Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30 Italy Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31 Italy Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32 Italy Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33 Spain Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34 Spain Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35 Spain Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36 RoE Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37 RoE Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38 RoE Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39 China Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40 China Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41 China Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42 India Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43 India Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44 India Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45 Japan Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46 Japan Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47 Japan Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48 South Korea Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49 South Korea Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50 South Korea Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51 Australia Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52 Australia Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53 Australia Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54 RoAPAC Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55 RoAPAC Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56 RoAPAC Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57 Brazil Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58 Brazil Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59 Brazil Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60 Mexico Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61 Mexico Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62 Mexico Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63 RoLA Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64 RoLA Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65 RoLA Aftercoolers Market estimates & forecasts by segment 2020-2030

(USD Billion)

TABLE 66 Saudi Arabia Aftercoolers Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67 South Africa Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68 RoMEA Aftercoolers Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69 List of secondary sources, used in the study of global Aftercoolers Market

TABLE 70 List of primary sources, used in the study of global Aftercoolers Market

TABLE 71 Years considered for the study

TABLE 72 Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1 Global Aftercoolers Market, research methodology
  - FIG 2 Global Aftercoolers Market, Market estimation techniques
  - FIG 3 Global Market size estimates & forecast methods
  - FIG 4 Global Aftercoolers Market, key trends 2022
  - FIG 5 Global Aftercoolers Market, growth prospects 2023-2030
  - FIG 6 Global Aftercoolers Market, porters 5 force model
  - FIG 7 Global Aftercoolers Market, pest analysis
  - FIG 8 Global Aftercoolers Market, value chain analysis
  - FIG 9 Global Aftercoolers Market by segment, 2020 & 2030 (USD Billion)
  - FIG 10 Global Aftercoolers Market by segment, 2020 & 2030 (USD Billion)
  - FIG 11 Global Aftercoolers Market by segment, 2020 & 2030 (USD Billion)
  - FIG 12 Global Aftercoolers Market by segment, 2020 & 2030 (USD Billion)
  - FIG 13 Global Aftercoolers Market by segment, 2020 & 2030 (USD Billion)
  - FIG 14 Global Aftercoolers Market, regional snapshot 2020 & 2030
  - FIG 15 North America Aftercoolers Market 2020 & 2030 (USD Billion)
  - FIG 16 Europe Aftercoolers Market 2020 & 2030 (USD Billion)
  - FIG 17 Asia pacific Aftercoolers Market 2020 & 2030 (USD Billion)
  - FIG 18 Latin America Aftercoolers Market 2020 & 2030 (USD Billion)
  - FIG 19 Middle East & Africa Aftercoolers Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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