

# Global Non-Cryogenic Air Separation Plants Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Non-Cryogenic Air Separation Plants market size was valued at USD 918.7 million in 2023 and is forecast to a readjusted size of USD 1014.5 million by 2030 with a CAGR of 1.4% during review period.

Non-cryogenic air separation plants are designed to produce gases like oxygen, nitrogen, and argon through various processes such as pressure swing technology, pressure swing adsorption, and membrane technology. The major end-users of such industrial gases are industries like metallurgy, chemicals, oil and gas, healthcare, paper and pulp, electronics, aerospace, water and wastewater, and the food and beverage sector.

According to this air separation plant market research report, the non-cryogenic air separation technology market will witness considerable growth in APAC during the next few years. The demand for industrial gases in the region will be driven by the fast-paced growth of the major end-user industries such as chemical, metallurgy, and oil and gas.

The Global Info Research report includes an overview of the development of the Non-Cryogenic Air Separation Plants industry chain, the market status of Metallurgy (Selective Adsorption, Differential Permutation through Membranes), Oil and Gas (Selective Adsorption, Differential Permutation through Membranes), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Non-Cryogenic Air Separation Plants.

Regionally, the report analyzes the Non-Cryogenic Air Separation Plants markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Non-Cryogenic Air Separation Plants market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Non-Cryogenic Air Separation Plants market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Non-Cryogenic Air Separation Plants industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Selective Adsorption, Differential Permutation through Membranes).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Non-Cryogenic Air Separation Plants market.

**Regional Analysis:** The report involves examining the Non-Cryogenic Air Separation Plants market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Non-Cryogenic Air Separation Plants market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Non-Cryogenic Air Separation Plants:

**Company Analysis:** Report covers individual Non-Cryogenic Air Separation Plants manufacturers, suppliers, and other relevant industry players. This analysis includes

studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Non-Cryogenic Air Separation Plants. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Metallurgy, Oil and Gas).

**Technology Analysis:** Report covers specific technologies relevant to Non-Cryogenic Air Separation Plants. It assesses the current state, advancements, and potential future developments in Non-Cryogenic Air Separation Plants areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Non-Cryogenic Air Separation Plants market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Non-Cryogenic Air Separation Plants market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Selective Adsorption

Differential Permutation through Membranes

Others

### Market segment by Application

Metallurgy

Oil and Gas

Chemicals

Healthcare

#### Major players covered

Air Liquide

Linde Group

Messer

PCI

Praxair

Universal Industrial Gases

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Non-Cryogenic Air Separation Plants product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Non-Cryogenic Air Separation Plants, with price, sales, revenue and global market share of Non-Cryogenic Air Separation Plants from 2019 to 2024.

Chapter 3, the Non-Cryogenic Air Separation Plants competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Non-Cryogenic Air Separation Plants breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Non-Cryogenic Air Separation Plants market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Non-Cryogenic Air Separation Plants.

Chapter 14 and 15, to describe Non-Cryogenic Air Separation Plants sales channel, distributors, customers, research findings and conclusion.

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