

Global Air Separation Unit Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GE3EB3474F54EN.html>

Date: January 2024

Pages: 119

Price: US\$ 3,480.00 (Single User License)

ID: GE3EB3474F54EN

Abstracts

According to our (Global Info Research) latest study, the global Air Separation Unit market size was valued at USD 4458.3 million in 2023 and is forecast to a readjusted size of USD 6195.8 million by 2030 with a CAGR of 4.8% during review period.

Air Separation Unit (ASU) separates atmospheric air into its primary components, typically nitrogen and oxygen, and sometimes also argon and other rare inert gases.

The major global manufacturers of air separation unit are Linde, Air Liquide, Hangyang Group, Sichuan Air Separation, Air Products, HNEC, etc., of which the largest manufacturer is Linde, occupying more than 20% of the market share. The global air separation unit are mainly produced in North America, Europe, China, Japan, etc. The top three regions occupy more than 80% of the market share, and Europe is the largest production region, occupying 33.86% of the market share. In terms of their product categories, separation rates in the range of 20-60 K CMPH have a higher market share of nearly 60%, followed by products with separation rates below 20 K CMPH. In terms of applications, the chemical industry is the top application area with a market share of over 45%, followed by the industrial gas and metallurgical industries.

The Global Info Research report includes an overview of the development of the Air Separation Unit industry chain, the market status of Chemical (Below 20 K CMPH, 20-60 K CMPH), Industrial Gas (Below 20 K CMPH, 20-60 K CMPH), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Air Separation Unit.

Regionally, the report analyzes the Air Separation Unit 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 Air Separation Unit market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Air Separation Unit 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 Air Separation Unit 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 CMPH), revenue generated, and market share of different by Type (e.g., Below 20 K CMPH, 20-60 K CMPH).

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 Air Separation Unit market.

Regional Analysis: The report involves examining the Air Separation Unit 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 Air Separation Unit market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Air Separation Unit:

Company Analysis: Report covers individual Air Separation Unit 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 Air Separation Unit. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Chemical, Industrial Gas).

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

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Air Separation Unit 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

Air Separation Unit 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

Below 20 K CMPH

20-60 K CMPH

Above 60 K CMPH

Market segment by Application

Chemical

Industrial Gas

Metallurgy

Other

Major players covered

Linde

Air Liquide

Hangyang Group

Sichuan Air Separation

Air Products

HNEC

Taiyo Nippon Sanso

Messer

Cryogenmash

AMCS

Air Water Plant & Engineering

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 Air Separation Unit product scope, market overview, market estimation caveats and base year.

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

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

Chapter 4, the Air Separation Unit 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 Air Separation Unit 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 Air Separation Unit.

Chapter 14 and 15, to describe Air Separation Unit sales channel, distributors, customers, research findings and conclusion.

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