

# 2021 Air Cooled Heat Exchangers Market - Size, Share, Competition and Forecasts to 2027

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## Abstracts

### Description:

The global demand for Air Cooled heat exchangers stood at \$3.8 billion during 2020. Further, over the forecast period, we estimate the segment to register 5.4% CAGR growth to reach \$5.5 billion market size in 2027.

The Air Cooled Heat Exchanger consists of an element (bundle) of finned heat exchange tubes over which ambient air is forced or induced by axial fan/fans thereby transferring heat between the fluid within the tubes and the external air.

ACHX is used for improving plant efficiency and as compared to cooling towers and shell and tube heat exchangers.

Non requirement and non-contamination of water brings further advantage to ACHX with respect to environmental friendliness. Cost savings are among the key marketing strategies promoted by companies.

As it does not require water, plants requiring large cooling capacities can be located far from cooling water bodies. It is suitable for wide range of applications ranging from use in an automobile radiator to a 1.2 GW power plant.

### Major Trends, Drivers and Challenges:

Companies cater wide range of industries with customized offerings - Air cooled heat exchangers are used worldwide in utilities and industrial applications including the petroleum, chemical, gas processing, power generation, process and steel industries.

Induced draft design is often preferred over forced draft - Superior air distribution properties, lower probability of hot effluent air re-circulating into the intake, higher process control and stability, increased capacity in the fan-off or fan failure condition encourage use of induced draft over forced draft in most cases.

- Attractive option for locations where cooling water is scarce or expensive to treat

- Ideal for cooling high temperature process streams

### Leading Segments Information

Based on Fin Type, the report analyses the global Heat Exchangers market into 4 categories that includes Embedded Fins - 'G', Extruded Fins, Footed Fins - 'L' & 'LL', and others. Of these, Footed Fins - 'L' & 'LL' types dominated the industry during 2020 with more than 40% market share.

By Application, the report categorizes the global Heat Exchangers market into 6 categories• that includes Chemical, Petrochemical, Oil & Gas, HVACR, Food & Beverage, Power Generation, and others. Of these, Chemicals dominated the industry during 2020 with xx.x% market share.

Heat Exchangers market across countries in 5 regions including North America, Europe,• Asia-Pacific, South & Central America and Middle East & Africa are covered. Of these, Asia Pacific dominated the industry during 2020 with xx.x% market share.

### Segmentation

#### Global Air Cooled Heat Exchangers Market, By Type

Embedded Fins - 'G'

Extruded Fins

Footed Fins - 'L' & 'LL'

Others

#### Global Air Cooled Heat Exchangers Market, By Application

Chemical

HVACR

Fuel Processing

Power Generation

Food and Beverage

Others

Global Air Cooled Heat Exchangers Market, By Geography

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe)

Asia-Pacific (China, India, Japan, South Korea, Australia, Rest of APAC)

Middle East and Africa (Saudi Arabia, South Africa, Rest of MEA)

South and Central America (Brazil, Argentina, Chile, Rest of SCA)

Report Scope-

The report- '2021 Air Cooled Heat Exchangers Market - Size, Share, Competition and Forecasts to 2027' presents growth projections in the Air Cooled Heat Exchangers Market between 2021 and 2027 for companies operating across different types, applications, and end-user verticals.

Short-term and long-term trends affecting the market landscape are included in the research. Further, market drivers, restraints, and potential opportunities are also provided in the report.

The Air Cooled Heat Exchangers Market report computes the 2020 market value in revenue terms based on the average Air Cooled Heat Exchangers prices and sales/revenue models of key companies operating in the Air Cooled Heat Exchangers

Industry. The study forecasts the market size to 2027 for different types of Air Cooled Heat Exchangers and provides respective market share and growth rates.

The study discusses technological innovations and the potential shift in demand among various products in the Air Cooled Heat Exchangers Market, over the forecast period. The leading five companies in the Air Cooled Heat Exchangers Industry together with their products, key strategies, and comparisons are provided.

The Air Cooled Heat Exchangers Market size, share, and outlook across different types and applications are provided at geographic levels of North America, Asia Pacific, Europe, Middle East Africa, South and Central America. Further, country-level Air Cooled Heat Exchangers Market value is also provided.

All recent developments in Air Cooled Heat Exchangers Industry including mergers, acquisitions, contract awards, licenses, product launches, and expansion plans are included in the report.

Base Year- 2020; Forecast period: 2021- 2027

Publication frequency- Every six months

Research Methodology- Data triangulation with top-down and Bottom-up approach are used for market size

#### Key Coverage of the Report -

Global Air Cooled Heat Exchangers Industry size, 2020- 2027

Market trends, drivers, restraints, and opportunities

Porter's Five forces analysis

Types of Air Cooled Heat Exchangers , 2020-2027

Air Cooled Heat Exchangers applications and end-user verticals market size, 2020- 2027

Air Cooled Heat Exchangers Market size across countries, 2020- 2027

5 leading companies in the industry- overview, key strategies, financials, and products

Latest market news and developments

Additional support -

All the data presented in tables and charts of the report is provided in a separate Excel document

Print authentication extended

10% free customization to include any specific data/analysis to match with the requirement

3 months of analyst support

The Report will be updated to the latest month and delivered within 2 business days

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