

Global Aircraft Cooling Turbines Market Size, Share, and Analysis, By Aircraft Type (Narrow Body Aircrafts, Wide Body Aircrafts), By Type (Fan Cooling Turbines, Compressor Fan Cooling Turbines, Compressor Cooling Turbines), By Product Type (Water Cooling Turbine, Gas Cooling Turbine), By Application (Transportation Aircrafts, Commercial, Business Jets, Fighter Jets, Military, Others) and Regional Forecasts, 2022-2032

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Abstracts

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PRODUCT OVERVIEW

Global Aircraft Cooling Turbines Market size was USD 20.9 billion in 2021 and projected to grow from USD 23.6 billion in 2023 to USD 41.4 billion by 2032, exhibiting a CAGR of 6.4% during the forecast period.

Aircraft cooling turbine is an essential part of air cycle system. Aircraft cooling turbines are used in jet aircrafts and high-speed passenger aircrafts as they are compact and simple refrigeration systems. The capacity of aircraft cooling turbines is high having

minimal payload. Aircraft cooling turbines are utilized in air cycle systems to cool air and sent to cabin. Air cycle systems are the most efficient systems when the cooling requirement is high.

MARKET HIGHLIGHTS

Global Aircraft Cooling Turbines Market is expected to reach USD 41.4 billion, growing at a CAGR of 6.4% during forecast period owing to the growing applications of aircraft cooling turbines in various fields like military and commercial aircrafts, increasing utilization of turbines to control inner cabin temperature and availability of product as per the aircraft size are the factors which are anticipated to drive the demand for the growth of the market. The increasing focus on creating pleasant environment for passengers, growing air traffic due to passenger increment and the increasing preference for fast and pleasant travelling are expected to drive the demand for the growth of the global aircraft cooling turbines market during the forecast period.

Global Aircraft Cooling Turbines Market Segments:

Aircraft Type

Narrow Body Aircrafts

Wide Body Aircrafts

Type

Fan Cooling Turbines

Compressor Fan Cooling Turbines

Compressor Cooling Turbines

Product Type

Water Cooling Turbine

Gas Cooling Turbine

Application

Transportation Aircrafts

Commercial

Business Jets

Fighter Jets

Military

Others

MARKET DYNAMICS

Growth Drivers

Increasing Air Traffic is Expected to Boost the Growth of the Market

Rising Advancements in Aviation Technology is Expected to Boost the Growth of the Market

Restraint

High Installation Cost May Restrain the Growth of the Market

Key Players

Safran

Bharat Forge

Airmark Components

Collins Aerospace

Tyrolit Schleifmittelwerke Swarovski KG

Global Aerospace Corporation

Aviatron Inc

Honeywell International Inc.

GE

AeroKool Aviation Corporation

Mohawk Innovative Technology

Aeronamic

Other Prominent Players (Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis)

Global Laboratory Temperature Control Units Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y

Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Reasons to Purchase this Report

Qualitative and quantitative analysis of the market based on segmentation involving both economic as well as non-economic factors

Provision of market value (USD Billion) data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry with respect to recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market of various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

3-month post-sales analyst support.

Contents

1. EXECUTIVE SUMMARY

- 1.1. Regional Market Share
- 1.2. Business Trends
- 1.3. Global Aircraft Cooling Turbines Market: COVID-19 Outbreak
- 1.4. Regional Trends
- 1.5. Segmentation Snapshot

2. RESEARCH METHODOLOGY

- 2.1. Research Objective
- 2.2. Research Approach
- 2.3. Data Sourcing and Methodology
- 2.4. Primary Research
- 2.5. Secondary Research
 - 2.5.1. Paid Sources
 - 2.5.2. Public Sources
- 2.6. Market Size Estimation and Data Triangulation

3. MARKET CHARACTERISTICS

- 3.1. Market Definition
- 3.2. Global Aircraft Cooling Turbines: COVID-19 Impact
- 3.3. Key Segmentations
- 3.4. Key Developments
- 3.5. Allied Industry Data

4. GLOBAL AIRCRAFT COOLING TURBINES MARKET – INDUSTRY INSIGHTS

- 4.1. Industry Segmentation
- 4.2. COVID-19 overview on world economy
- 4.3. Industry ecosystem Channel analysis
- 4.4. Innovation & Sustainability

5. MACROECONOMIC INDICATORS

6. RECENT DEVELOPMENTS

7.MARKET DYNAMICS

- 7.1. Introduction
- 7.2.Growth Drivers
- 7.3.Market Opportunities
- 7.4. Market Restraints
- 7.5.Market Trends

8. RISK ANALYSIS

9. MARKET ANALYSIS

- 9.1. Porters Five Forces
- 9.2.PEST Analysis
 - 9.2.1. Political
 - 9.2.2.Economic
 - 9.2.3.Social
 - 9.2.4.Technological

10. GLOBAL AIRCRAFT COOLING TURBINES MARKET

- 10.1.Overview
- 10.2. Historical Analysis (2016-2021)
 - 10.2.1. Market Size, Y-o-Y Growth (%) and Market Forecast

11.GLOBAL AIRCRAFT COOLING TURBINES MARKET SIZE & FORECAST 2022A-2032F

- 11.1.Overview
- 11.2. Key Findings
- 11.3. Market Segmentation
 - 11.3.1.By Aircraft Type
 - 11.3.1.1. Narrow Body Aircrafts
 - 11.3.1.1.1. By Value (USD Million) 2022-2032F
 - 11.3.1.1.2.Market Share (%) 2022-2032F
 - 11.3.1.1.3.Y-o-Y Growth (%) 2022-2032F
 - 11.3.1.2.Wide Body Aircrafts
 - 11.3.1.2.1.By Value (USD Million) 2022-2032F

- 11.3.1.2.2. Market Share (%) 2022-2032F
- 11.3.1.2.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.2. By Type
 - 11.3.2.1. Fan Cooling Turbines
 - 11.3.2.1.1. By Value (USD Million) 2022-2032F
 - 11.3.2.1.2. Market Share (%) 2022-2032F
 - 11.3.2.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.2. Compressor Fan Cooling Turbines
 - 11.3.2.2.1. By Value (USD Million) 2022-2032F
 - 11.3.2.2.2. Market Share (%) 2022-2032F
 - 11.3.2.2.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.2.3. Compressor Cooling Turbines
 - 11.3.2.3.1. By Value (USD Million) 2022-2032F
 - 11.3.2.3.2. Market Share (%) 2022-2032F
 - 11.3.2.3.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.3. By Product Type
 - 11.3.3.1. Water Cooling Turbine
 - 11.3.3.1.1. By Value (USD Million) 2022-2032F
 - 11.3.3.1.2. Market Share (%) 2022-2032F
 - 11.3.3.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.3.2. Gas Cooling Turbine
 - 11.3.3.2.1. By Value (USD Million) 2022-2032F
 - 11.3.3.2.2. Market Share (%) 2022-2032F
 - 11.3.3.2.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4. By Application
 - 11.3.4.1. Transportation Aircrafts
 - 11.3.4.1.1. By Value (USD Million) 2022-2032F
 - 11.3.4.1.2. Market Share (%) 2022-2032F
 - 11.3.4.1.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.4.2. Commercial
 - 11.3.4.2.1. By Value (USD Million) 2022-2032F
 - 11.3.4.2.2. Market Share (%) 2022-2032F
 - 11.3.4.2.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.4.3. Business Jets
 - 11.3.4.3.1. By Value (USD Million) 2022-2032F
 - 11.3.4.3.2. Market Share (%) 2022-2032F
 - 11.3.4.3.3. Y-o-Y Growth (%) 2022-2032F
 - 11.3.4.4. Fighter Jets
 - 11.3.4.4.1. By Value (USD Million) 2022-2032F

- 11.3.4.4.2. Market Share (%) 2022-2032F
- 11.3.4.4.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4.5. Military
 - 11.3.4.5.1. By Value (USD Million) 2022-2032F
 - 11.3.4.5.2. Market Share (%) 2022-2032F
 - 11.3.4.5.3. Y-o-Y Growth (%) 2022-2032F
- 11.3.4.6. Others
 - 11.3.4.6.1. By Value (USD Million) 2022-2032F
 - 11.3.4.6.2. Market Share (%) 2022-2032F
 - 11.3.4.6.3. Y-o-Y Growth (%) 2022-2032F

12. NORTH AMERICA AIRCRAFT COOLING TURBINES MARKET SIZE & FORECAST 2022A-2032F

- 12.1. Overview
- 12.2. Key Findings
- 12.3. Market Segmentation
 - 12.3.1. By Aircraft Type
 - 12.3.2. By Type
 - 12.3.3. By Product Type
 - 12.3.4. By Application
- 12.4. Country
 - 12.4.1. United States
 - 12.4.2. Canada

13. EUROPE AIRCRAFT COOLING TURBINES MARKET SIZE & FORECAST 2022A-2032F

- 13.1. Overview
- 13.2. Key Findings
- 13.3. Market Segmentation
 - 13.3.1. By Aircraft Type
 - 13.3.2. By Type
 - 13.3.3. By Product Type
 - 13.3.4. By Application
- 13.4. Country
 - 13.4.1. Germany
 - 13.4.2. United Kingdom
 - 13.4.3. France

- 13.4.4. Italy
- 13.4.5. Spain
- 13.4.6. Russia
- 13.4.7. Rest of Europe (BENELUX, NORDIC, Hungary, Turkey & Poland)

14. ASIA AIRCRAFT COOLING TURBINES MARKET SIZE & FORECAST 2022A-2032F

- 14.1. Overview
- 14.2. Key Findings
- 14.3. Market Segmentation
 - 14.3.1. By Aircraft Type
 - 14.3.2. By Type
 - 14.3.3. By Product Type
 - 14.3.4. By Application
- 14.4. Country
 - 14.4.1. India
 - 14.4.2. China
 - 14.4.3. South Korea
 - 14.4.4. Japan
 - 14.4.5. Rest of APAC

15. MIDDLE EAST AND AFRICA AIRCRAFT COOLING TURBINES MARKET SIZE & FORECAST 2022A-2032F

- 15.1. Overview
- 15.2. Key Findings
- 15.3. Market Segmentation
 - 15.3.1. By Aircraft Type
 - 15.3.2. By Type
 - 15.3.3. By Product Type
 - 15.3.4. By Application
- 15.4. Country
 - 15.4.1. Israel
 - 15.4.2. GCC
 - 15.4.3. North Africa
 - 15.4.4. South Africa
 - 15.4.5. Rest of Middle East and Africa

16. LATIN AMERICA AIRCRAFT COOLING TURBINES MARKET SIZE & FORECAST 2022A-2032F

- 16.1. Overview
- 16.2. Key Findings
- 16.3. Market Segmentation
 - 16.3.1. By Aircraft Type
 - 16.3.2. By Type
 - 16.3.3. By Product Type
 - 16.3.4. By Application
- 16.4. Country
 - 16.4.1. Mexico
 - 16.4.2. Brazil
 - 16.4.3. Rest of Latin America

17. COMPETITIVE LANDSCAPE

- 17.1. Company market share, 2021
- 17.2. Key player overview
- 17.3. Key stakeholders

18. COMPANY PROFILES

- 18.1. Safran
 - 18.1.1. Company Overview
 - 18.1.2. Financial Overview
 - 18.1.3. Key Product; Analysis
 - 18.1.4. Company Assessment
 - 18.1.4.1. Product Portfolio
 - 18.1.4.2. Key Clients
 - 18.1.4.3. Market Share
 - 18.1.4.4. Recent News & Development (Last 3 Yrs.)
 - 18.1.4.5. Executive Team
- 18.2. Bharat Forge
- 18.3. Airmark Components
- 18.4. Collins Aerospace
- 18.5. Tyrolit Schleifmittelwerke Swarovski KG
- 18.6. Global Aerospace Corporation
- 18.7. Aviatron Inc

18.8.Honeywell International Inc.

18.9. GE

18.10.AeroKool Aviation Corporation

18.11.Mohawk Innovative Technology

18.12.Aeronamic

18.13.Other Prominent Players

19. APPENDIX

20.CONSULTANT RECOMMENDATION

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