

Evaporative Condenser Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application

<https://marketpublishers.com/r/E7127C6BFB70EN.html>

Date: April 2025

Pages: 96

Price: US\$ 3,200.00 (Single User License)

ID: E7127C6BFB70EN

Abstracts

Evaporative Condenser Market Summary

Introduction

Evaporative condensers are heat exchange devices that cool high-temperature gaseous refrigerants into liquids by leveraging the evaporation of sprayed water outside coiled tubes, with air as a carrier medium. They combine water and air cooling for efficiency, used in petrochemicals, cold chain logistics, pharmaceuticals, and other industries requiring precise temperature control. Co-flow designs suit high-temperature, humid regions with secondary cooling in packing layers, while counter-flow designs excel in dry, cold climates with air moving opposite the refrigerant flow. The market is driven by industrial cooling needs, energy efficiency demands, and sustainability trends, offering lower operating costs than air-cooled systems. The global evaporative condenser market is estimated at USD 0.9-1.5 billion in 2025, with a projected CAGR of 3.2%-6.2% from 2025 to 2030, reflecting growth in industrial and cold chain applications.

Market Size and Growth Forecast

Valued at USD 0.9-1.5 billion in 2025, the evaporative condenser market is expected to grow at a CAGR of 3.2%-6.2% through 2030. This growth is propelled by industrial expansion and energy-efficient cooling needs, balanced by regional climate variations and competition.

Regional Analysis

Asia Pacific: Growth is estimated at 4.0%-6.5%, with China and India leading due to industrial and cold chain growth. Trends favor energy-saving solutions.

North America: The market grows at 2.5%-4.5%, with the United States driven by petrochemical and pharmaceutical needs.

Europe: Growth is projected at 2.0%-3.5%, with Germany and France focusing on sustainable cooling.

Rest of the World: Growth is 3.5%-6.0%, with the Middle East notable for petrochemical applications.

Application Analysis

Petrochemicals: Growing at 3.5%-6.0%, this segment dominates due to process cooling needs, with trends in energy efficiency.

Cold Chain: With a growth rate of 4.0%-6.5%, it supports food and vaccine storage, driven by logistics growth.

Pharmaceutical: Growing at 3.0%-5.5%, it ensures precise cooling, with trends in biopharma expansion.

Others: Including HVAC, this grows at 2.0%-4.0%, with steady demand.

Key Market Players

SPX: In the US, SPX offers robust evaporative condensers for industrial use.

Baltimore Aircoil Company (BAC): In the US, BAC focuses on energy-efficient cooling solutions.

Evapco: In the US, Evapco targets diverse industrial applications with innovative designs.

Johnson Controls: In the US, it provides integrated cooling systems.

SNOWMAN GROUP: In China, it serves cold chain needs with scalable technology.

MOON-TECH: In China, it focuses on industrial refrigeration solutions.

Shanghai Baofeng Machinery Manufacturing Co. Ltd.: In China, it caters to regional cooling demands.

Porter's Five Forces Analysis

Threat of New Entrants: Moderate, due to technical and capital barriers.

Threat of Substitutes: Moderate, with air-cooled systems competing, but efficiency favors evaporative designs.

Bargaining Power of Buyers: Moderate, with industrial clients negotiating, but specialized needs limit options.

Bargaining Power of Suppliers: Moderate, with component supply concentration.

Industry Rivalry: High, driven by efficiency and cost competition.

Market Opportunities and Challenges

Opportunities

Cold chain growth in food and pharma boosts demand.

Energy efficiency trends favor evaporative systems.

Industrial expansion in Asia Pacific offers potential.

Challenges

Climate dependency limits adoption in dry regions.

High maintenance needs increase costs.

Competition from alternative cooling technologies pressures growth.

Contents

CHAPTER 1 EXECUTIVE SUMMARY

CHAPTER 2 ABBREVIATION AND ACRONYMS

CHAPTER 3 PREFACE

- 3.1 Research Scope
- 3.2 Research Sources
 - 3.2.1 Data Sources
 - 3.2.2 Assumptions
- 3.3 Research Method
- Chapter Four Market Landscape
- 4.1 Market Overview
- 4.2 Classification/Types
- 4.3 Application/End Users

CHAPTER 5 MARKET TREND ANALYSIS

- 5.1 Introduction
- 5.2 Drivers
- 5.3 Restraints
- 5.4 Opportunities
- 5.5 Threats

CHAPTER 6 INDUSTRY CHAIN ANALYSIS

- 6.1 Upstream/Suppliers Analysis
- 6.2 Evaporative Condenser Analysis
 - 6.2.1 Technology Analysis
 - 6.2.2 Cost Analysis
 - 6.2.3 Market Channel Analysis
- 6.3 Downstream Buyers/End Users

CHAPTER 7 LATEST MARKET DYNAMICS

- 7.1 Latest News
- 7.2 Merger and Acquisition

7.3 Planned/Future Project

7.4 Policy Dynamics

CHAPTER 8 HISTORICAL AND FORECAST EVAPORATIVE CONDENSER MARKET IN NORTH AMERICA (2020-2030)

8.1 Evaporative Condenser Market Size

8.2 Evaporative Condenser Market by End Use

8.3 Competition by Players/Suppliers

8.4 Evaporative Condenser Market Size by Type

8.5 Key Countries Analysis

8.5.1 United States

8.5.2 Canada

8.5.3 Mexico

CHAPTER 9 HISTORICAL AND FORECAST EVAPORATIVE CONDENSER MARKET IN SOUTH AMERICA (2020-2030)

9.1 Evaporative Condenser Market Size

9.2 Evaporative Condenser Market by End Use

9.3 Competition by Players/Suppliers

9.4 Evaporative Condenser Market Size by Type

9.5 Key Countries Analysis

9.5.1 Brazil

9.5.2 Argentina

9.5.3 Chile

9.5.4 Peru

CHAPTER 10 HISTORICAL AND FORECAST EVAPORATIVE CONDENSER MARKET IN ASIA & PACIFIC (2020-2030)

10.1 Evaporative Condenser Market Size

10.2 Evaporative Condenser Market by End Use

10.3 Competition by Players/Suppliers

10.4 Evaporative Condenser Market Size by Type

10.5 Key Countries Analysis

10.5.1 China

10.5.2 India

10.5.3 Japan

- 10.5.4 South Korea
- 10.5.5 Southeast Asia
- 10.5.6 Australia

CHAPTER 11 HISTORICAL AND FORECAST EVAPORATIVE CONDENSER MARKET IN EUROPE (2020-2030)

- 11.1 Evaporative Condenser Market Size
- 11.2 Evaporative Condenser Market by End Use
- 11.3 Competition by Players/Suppliers
- 11.4 Evaporative Condenser Market Size by Type
- 11.5 Key Countries Analysis
 - 11.5.1 Germany
 - 11.5.2 France
 - 11.5.3 United Kingdom
 - 11.5.4 Italy
 - 11.5.5 Spain
 - 11.5.6 Belgium
 - 11.5.7 Netherlands
 - 11.5.8 Austria
 - 11.5.9 Poland
 - 11.5.10 Russia

CHAPTER 12 HISTORICAL AND FORECAST EVAPORATIVE CONDENSER MARKET IN MEA (2020-2030)

- 12.1 Evaporative Condenser Market Size
- 12.2 Evaporative Condenser Market by End Use
- 12.3 Competition by Players/Suppliers
- 12.4 Evaporative Condenser Market Size by Type
- 12.5 Key Countries Analysis
 - 12.5.1 Egypt
 - 12.5.2 Israel
 - 12.5.3 South Africa
 - 12.5.4 Gulf Cooperation Council Countries
 - 12.5.5 Turkey

CHAPTER 13 SUMMARY FOR GLOBAL EVAPORATIVE CONDENSER MARKET (2020-2025)

- 13.1 Evaporative Condenser Market Size
- 13.2 Evaporative Condenser Market by End Use
- 13.3 Competition by Players/Suppliers
- 13.4 Evaporative Condenser Market Size by Type

CHAPTER 14 GLOBAL EVAPORATIVE CONDENSER MARKET FORECAST (2025-2030)

- 14.1 Evaporative Condenser Market Size Forecast
- 14.2 Evaporative Condenser Application Forecast
- 14.3 Competition by Players/Suppliers
- 14.4 Evaporative Condenser Type Forecast

CHAPTER 15 ANALYSIS OF GLOBAL KEY VENDORS

- 15.1 SPX
 - 15.1.1 Company Profile
 - 15.1.2 Main Business and Evaporative Condenser Information
 - 15.1.3 SWOT Analysis of SPX
 - 15.1.4 SPX Evaporative Condenser Revenue, Gross Margin and Market Share
(2020-2025)
- 15.2 Baltimore Aircoil Company (BAC)
 - 15.2.1 Company Profile
 - 15.2.2 Main Business and Evaporative Condenser Information
 - 15.2.3 SWOT Analysis of Baltimore Aircoil Company (BAC)
 - 15.2.4 Baltimore Aircoil Company (BAC) Evaporative Condenser Revenue, Gross
Margin and Market Share (2020-2025)
- 15.3 Evapco
 - 15.3.1 Company Profile
 - 15.3.2 Main Business and Evaporative Condenser Information
 - 15.3.3 SWOT Analysis of Evapco
 - 15.3.4 Evapco Evaporative Condenser Revenue, Gross Margin and Market Share
(2020-2025)
- 15.4 Johnson Controls
 - 15.4.1 Company Profile
 - 15.4.2 Main Business and Evaporative Condenser Information
 - 15.4.3 SWOT Analysis of Johnson Controls
 - 15.4.4 Johnson Controls Evaporative Condenser Revenue, Gross Margin and Market

Share (2020-2025)

15.5 SNOWMAN GROUP

15.5.1 Company Profile

15.5.2 Main Business and Evaporative Condenser Information

15.5.3 SWOT Analysis of SNOWMAN GROUP

15.5.4 SNOWMAN GROUP Evaporative Condenser Revenue, Gross Margin and Market Share (2020-2025)

15.6 MOON-TECH

15.6.1 Company Profile

15.6.2 Main Business and Evaporative Condenser Information

15.6.3 SWOT Analysis of MOON-TECH

15.6.4 MOON-TECH Evaporative Condenser Revenue, Gross Margin and Market Share (2020-2025)

15.7 Shanghai Baofeng Machinery Manufacturing Co. Ltd.

15.7.1 Company Profile

15.7.2 Main Business and Evaporative Condenser Information

15.7.3 SWOT Analysis of Shanghai Baofeng Machinery Manufacturing Co. Ltd.

15.7.4 Shanghai Baofeng Machinery Manufacturing Co. Ltd. Evaporative Condenser Revenue, Gross Margin and Market Share (2020-2025)

Please ask for sample pages for full companies list

Tables and Figures

Table Abbreviation and Acronyms

Table Research Scope of Evaporative Condenser Report

Table Data Sources of Evaporative Condenser Report

Table Major Assumptions of Evaporative Condenser Report

Figure Market Size Estimated Method

Figure Major Forecasting Factors

Figure Evaporative Condenser Picture

Table Evaporative Condenser Classification

Table Evaporative Condenser Applications

Table Drivers of Evaporative Condenser Market

Table Restraints of Evaporative Condenser Market

Table Opportunities of Evaporative Condenser Market

Table Threats of Evaporative Condenser Market

Table Covid-19 Impact For Evaporative Condenser Market

Table Raw Materials Suppliers

Table Different Production Methods of Evaporative Condenser

Table Cost Structure Analysis of Evaporative Condenser

Table Key End Users

Table Latest News of Evaporative Condenser Market
Table Merger and Acquisition
Table Planned/Future Project of Evaporative Condenser Market
Table Policy of Evaporative Condenser Market
Table 2020-2030 North America Evaporative Condenser Market Size
Figure 2020-2030 North America Evaporative Condenser Market Size and CAGR
Table 2020-2030 North America Evaporative Condenser Market Size by Application
Table 2020-2025 North America Evaporative Condenser Key Players Revenue
Table 2020-2025 North America Evaporative Condenser Key Players Market Share
Table 2020-2030 North America Evaporative Condenser Market Size by Type
Table 2020-2030 United States Evaporative Condenser Market Size
Table 2020-2030 Canada Evaporative Condenser Market Size
Table 2020-2030 Mexico Evaporative Condenser Market Size
Table 2020-2030 South America Evaporative Condenser Market Size
Figure 2020-2030 South America Evaporative Condenser Market Size and CAGR
Table 2020-2030 South America Evaporative Condenser Market Size by Application
Table 2020-2025 South America Evaporative Condenser Key Players Revenue
Table 2020-2025 South America Evaporative Condenser Key Players Market Share
Table 2020-2030 South America Evaporative Condenser Market Size by Type
Table 2020-2030 Brazil Evaporative Condenser Market Size
Table 2020-2030 Argentina Evaporative Condenser Market Size
Table 2020-2030 Chile Evaporative Condenser Market Size
Table 2020-2030 Peru Evaporative Condenser Market Size
Table 2020-2030 Asia & Pacific Evaporative Condenser Market Size
Figure 2020-2030 Asia & Pacific Evaporative Condenser Market Size and CAGR
Table 2020-2030 Asia & Pacific Evaporative Condenser Market Size by Application
Table 2020-2025 Asia & Pacific Evaporative Condenser Key Players Revenue
Table 2020-2025 Asia & Pacific Evaporative Condenser Key Players Market Share
Table 2020-2030 Asia & Pacific Evaporative Condenser Market Size by Type
Table 2020-2030 China Evaporative Condenser Market Size
Table 2020-2030 India Evaporative Condenser Market Size
Table 2020-2030 Japan Evaporative Condenser Market Size
Table 2020-2030 South Korea Evaporative Condenser Market Size
Table 2020-2030 Southeast Asia Evaporative Condenser Market Size
Table 2020-2030 Australia Evaporative Condenser Market Size
Table 2020-2030 Europe Evaporative Condenser Market Size
Figure 2020-2030 Europe Evaporative Condenser Market Size and CAGR
Table 2020-2030 Europe Evaporative Condenser Market Size by Application
Table 2020-2025 Europe Evaporative Condenser Key Players Revenue

Table 2020-2025 Europe Evaporative Condenser Key Players Market Share
Table 2020-2030 Europe Evaporative Condenser Market Size by Type
Table 2020-2030 Germany Evaporative Condenser Market Size
Table 2020-2030 France Evaporative Condenser Market Size
Table 2020-2030 United Kingdom Evaporative Condenser Market Size
Table 2020-2030 Italy Evaporative Condenser Market Size
Table 2020-2030 Spain Evaporative Condenser Market Size
Table 2020-2030 Belgium Evaporative Condenser Market Size
Table 2020-2030 Netherlands Evaporative Condenser Market Size
Table 2020-2030 Austria Evaporative Condenser Market Size
Table 2020-2030 Poland Evaporative Condenser Market Size
Table 2020-2030 Russia Evaporative Condenser Market Size
Table 2020-2030 MEA Evaporative Condenser Market Size
Figure 2020-2030 MEA Evaporative Condenser Market Size and CAGR
Table 2020-2030 MEA Evaporative Condenser Market Size by Application
Table 2020-2025 MEA Evaporative Condenser Key Players Revenue
Table 2020-2025 MEA Evaporative Condenser Key Players Market Share
Table 2020-2030 MEA Evaporative Condenser Market Size by Type
Table 2020-2030 Egypt Evaporative Condenser Market Size
Table 2020-2030 Israel Evaporative Condenser Market Size
Table 2020-2030 South Africa Evaporative Condenser Market Size
Table 2020-2030 Gulf Cooperation Council Countries Evaporative Condenser Market Size
Table 2020-2030 Turkey Evaporative Condenser Market Size
Table 2020-2025 Global Evaporative Condenser Market Size by Region
Table 2020-2025 Global Evaporative Condenser Market Size Share by Region
Table 2020-2025 Global Evaporative Condenser Market Size by Application
Table 2020-2025 Global Evaporative Condenser Market Share by Application
Table 2020-2025 Global Evaporative Condenser Key Vendors Revenue
Figure 2020-2025 Global Evaporative Condenser Market Size and Growth Rate
Table 2020-2025 Global Evaporative Condenser Key Vendors Market Share
Table 2020-2025 Global Evaporative Condenser Market Size by Type
Table 2020-2025 Global Evaporative Condenser Market Share by Type
Table 2025-2030 Global Evaporative Condenser Market Size by Region
Table 2025-2030 Global Evaporative Condenser Market Size Share by Region
Table 2025-2030 Global Evaporative Condenser Market Size by Application
Table 2025-2030 Global Evaporative Condenser Market Share by Application
Table 2025-2030 Global Evaporative Condenser Key Vendors Revenue
Figure 2025-2030 Global Evaporative Condenser Market Size and Growth Rate

Table 2025-2030 Global Evaporative Condenser Key Vendors Market Share

Table 2025-2030 Global Evaporative Condenser Market Size by Type

Table 2025-2030 Evaporative Condenser Global Market Share by Type

I would like to order

Product name: Evaporative Condenser Global Market Insights 2025, Analysis and Forecast to 2030, by Market Participants, Regions, Technology, Application

Product link: <https://marketpublishers.com/r/E7127C6BFB70EN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/E7127C6BFB70EN.html>