

Personal Cooling Device Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 178 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$3599.00
- Five User License \$4249.00
- Corporate License \$5099.00

Report description:

The global personal cooling device market attained a value of more than USD 7.08 Million in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 5.20% to reach over USD 11.75 Million by 2034.

Rising Demand for Handheld Cooling Device to Boost the Personal Cooling Device Industry

In comparison to other room conditioners, handheld cooling device are predicted to be the fastest-growing product in the global market for personal cooling device. This is because they are created in a variety of styles that allow users easy handling with good cooling impact and are simple to operate. TEC modules are connected with handheld cooling device to give instant cooling. To increase comfort and productivity, employees working in hot environments utilise handheld cooling device to reduce heat/cold stress and tiredness, thereby bolstering the market growth.

One such portable cooling device is a personal cooling device that uses components, which are commonly found in gas refrigerant air conditioning. The gadget is worn as a backpack with adjustable shoulder straps to accommodate a wide range of user sizes. The unique design and user-friendly structure are therefore augmenting the demand, thereby pushing the growth of the market. In addition to this, the device is small and light, with controls for on/off and temperature, making it user friendly. Furthermore, a rechargeable battery or normal AC voltage, as well as a transformer, are used to provide cooling. The added advantage of a removable fitting is positively influencing the growth of the market.

The Asia Pacific Region to Hold a Significant Share in the Overall Growth of the Market

The Asia Pacific is projected to hold a significant share in the overall market of personal cooling device. This can be attributed to the wide utility of personal cooling agents in several countries of the region owing to the region's hot and humid environment. Furthermore, Asia-Pacific, which is a key centre for electronic device production with a strong market presence of leading manufacturers, is quickly becoming one of the leading providers of such cooling equipment, thereby aiding in international trade and propelling the market growth.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Personal Cooling Device: Market Segmentation

The personal cooling devices are systems, which are energy-efficient and cost-effective, which provide comfort to the user without disrupting the room's ambience.

The major types of products of personal cooling device are:

- Personalised Air Conditioner/ Desk Fans
- Handheld Cooling Device

The market can be broadly categorised on the basis of its distribution channel into:

- Online
- Offline

The online segment is divided into e-commerce websites and company owned websites, whereas the offline segment is divided into hypermarkets/supermarkets, and speciality stores, among others.

The market can be broadly categorised on the basis of its region into:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Rising Applications of Personal Cooling Device to Augment the Market growth

One of the newest applications of personal air conditioning technology is the motorcycle air conditioner. The device pushes cold or hot air inside the wearable jacket, providing the rider with a comfortable environment. This has been a significant factor pushing the growth of the market. Furthermore, personal cooling devices are utilised for cooling other types of vehicles, such as cars, for releasing the heat into the atmosphere. This level of comfort reduces weariness while riding, allowing the rider to be more alert and focused.

In addition to this, bladeless and bladed fans are the two types of fans available. Bladeless fans are usually quieter, but they are also more expensive. The bladed solutions aren't always as effective as the ducted options, but they're less expensive and the fans can be adjusted. The robust product choices are therefore generating growth opportunities for the market growth. Moreover, the market growth can also be associated with the growing number of vehicle ownership as a result of inflating disposable incomes and innovations in product designs.

Key Industry Players in the Global Personal Cooling Device Market

The report presents a detailed analysis of the following key players in the global personal cooling device market, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- Honeywell International Inc.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- O2Cool
- Sunbeam Products, Inc.
- Havells India Ltd.
- Evapolar Ltd
- AMBIENT THERAPEUTICS INC.
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Personal Cooling Device Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Personal Cooling Device Historical Market (2018-2024)
 - 5.3 Global Personal Cooling Device Market Forecast (2025-2034)
 - 5.4 Global Personal Cooling Device Market by Product Type
 - 5.4.1 Personalised Air Conditioner/ Desk Fans

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 5.4.1.1 Historical Trend (2018-2024)
- 5.4.1.2 Forecast Trend (2025-2034)
- 5.4.2 Handheld Cooling Device
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
- 5.5 Global Personal Cooling Device Market by Distribution Channel
 - 5.5.1 Online
 - 5.5.1.1 Historical Trend (2018-2024)
 - 5.5.1.2 Forecast Trend (2025-2034)
 - 5.5.1.3 Breakup by Source
 - 5.5.1.3.1 E-commerce Websites
 - 5.5.1.3.2 Company Owned Websites
 - 5.5.2 Offline
 - 5.5.2.1 Historical Trend (2018-2024)
 - 5.5.2.2 Forecast Trend (2025-2034)
 - 5.5.2.3 Breakup by Source
 - 5.5.2.3.1 Hypermarkets/Supermarkets
 - 5.5.2.3.2 Speciality Stores
 - 5.5.2.3.3 Others
- 5.6 Global Personal Cooling Device Market by Region
 - 5.6.1 North America
 - 5.6.1.1 Historical Trend (2018-2024)
 - 5.6.1.2 Forecast Trend (2025-2034)
 - 5.6.2 Europe
 - 5.6.2.1 Historical Trend (2018-2024)
 - 5.6.2.2 Forecast Trend (2025-2034)
 - 5.6.3 Asia Pacific
 - 5.6.3.1 Historical Trend (2018-2024)
 - 5.6.3.2 Forecast Trend (2025-2034)
 - 5.6.4 Latin America
 - 5.6.4.1 Historical Trend (2018-2024)
 - 5.6.4.2 Forecast Trend (2025-2034)
 - 5.6.5 Middle East and Africa
 - 5.6.5.1 Historical Trend (2018-2024)
 - 5.6.5.2 Forecast Trend (2025-2034)
- 6 North America Personal Cooling Device Market Analysis
 - 6.1 United States of America
 - 6.1.1 Historical Trend (2018-2024)
 - 6.1.2 Forecast Trend (2025-2034)
 - 6.2 Canada
 - 6.2.1 Historical Trend (2018-2024)
 - 6.2.2 Forecast Trend (2025-2034)
- 7 Europe Personal Cooling Device Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Historical Trend (2018-2024)
 - 7.1.2 Forecast Trend (2025-2034)
 - 7.2 Germany

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.2.1 Historical Trend (2018-2024)
- 7.2.2 Forecast Trend (2025-2034)
- 7.3 France
 - 7.3.1 Historical Trend (2018-2024)
 - 7.3.2 Forecast Trend (2025-2034)
- 7.4 Italy
 - 7.4.1 Historical Trend (2018-2024)
 - 7.4.2 Forecast Trend (2025-2034)
- 7.5 Others
- 8 Asia Pacific Personal Cooling Device Market Analysis
 - 8.1 China
 - 8.1.1 Historical Trend (2018-2024)
 - 8.1.2 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Historical Trend (2018-2024)
 - 8.2.2 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Historical Trend (2018-2024)
 - 8.3.2 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Historical Trend (2018-2024)
 - 8.4.2 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Historical Trend (2018-2024)
 - 8.5.2 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Personal Cooling Device Market Analysis
 - 9.1 Brazil
 - 9.1.1 Historical Trend (2018-2024)
 - 9.1.2 Forecast Trend (2025-2034)
 - 9.2 Argentina
 - 9.2.1 Historical Trend (2018-2024)
 - 9.2.2 Forecast Trend (2025-2034)
 - 9.3 Mexico
 - 9.3.1 Historical Trend (2018-2024)
 - 9.3.2 Forecast Trend (2025-2034)
 - 9.4 Others
- 10 Middle East and Africa Personal Cooling Device Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Historical Trend (2018-2024)
 - 10.1.2 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Historical Trend (2018-2024)
 - 10.2.2 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Historical Trend (2018-2024)
 - 10.3.2 Forecast Trend (2025-2034)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.4 South Africa
 - 10.4.1 Historical Trend (2018-2024)
 - 10.4.2 Forecast Trend (2025-2034)
- 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players
 - 13.3 Key Regional Players
 - 13.4 Key Player Strategies
 - 13.5 Company Profiles
 - 13.5.1 Honeywell International Inc.
 - 13.5.1.1 Company Overview
 - 13.5.1.2 Product Portfolio
 - 13.5.1.3 Demographic Reach and Achievements
 - 13.5.1.4 Certifications
 - 13.5.2 O2Cool
 - 13.5.2.1 Company Overview
 - 13.5.2.2 Product Portfolio
 - 13.5.2.3 Demographic Reach and Achievements
 - 13.5.2.4 Certifications
 - 13.5.3 Sunbeam Products, Inc.
 - 13.5.3.1 Company Overview
 - 13.5.3.2 Product Portfolio
 - 13.5.3.3 Demographic Reach and Achievements
 - 13.5.3.4 Certifications
 - 13.5.4 Havells India Ltd.
 - 13.5.4.1 Company Overview
 - 13.5.4.2 Product Portfolio
 - 13.5.4.3 Demographic Reach and Achievements
 - 13.5.4.4 Certifications
 - 13.5.5 Evapolar Ltd.
 - 13.5.5.1 Company Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.5.5.2 Product Portfolio
- 13.5.5.3 Demographic Reach and Achievements
- 13.5.5.4 Certifications
- 13.5.6 AMBIENT THERAPEUTICS INC.
- 13.5.6.1 Company Overview
- 13.5.6.2 Product Portfolio
- 13.5.6.3 Demographic Reach and Achievements
- 13.5.6.4 Certifications
- 13.5.7 Others

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Personal Cooling Device Market Report and Forecast 2025-2034

Market Report | 2025-08-11 | 178 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scott's-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3599.00
	Five User License	\$4249.00
	Corporate License	\$5099.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scott's-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-09"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scott's-international.com

www.scott's-international.com