

Chilled Beam System - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Chilled Beam System Market is accounted for \$253.86 million in 2017 and is expected to reach \$758.76 million by 2026 growing at a CAGR of 12.9% during the forecast period. Aggregate demand for energy efficient buildings, rising demand for thermal comfort and increase in demand for enhanced occupant thermal comfort are the key driving factors for the market growth. However, lack of consumer awareness and high initial cost are some of the factors hindering the market growth.

Chilled beam is a type of convection HVAC system designed to heat or cool large buildings. Pipes of water are passed through a "beam" (a heat exchanger) either integrated into standard suspended ceiling systems or suspended a short distance from the ceiling of a room. As the beam chills the air around it, the air becomes denser and falls to the floor. It is replaced by warmer air moving up from below, causing a constant flow of convection and cooling the room. Heating works in much the same fashion, similar to a steam radiator.

Based on Design, the Multi-Service Chilled Beam segment accounted for considerable market share during the forecast period as it has been the promising technologies in the market which offer the functions of both passive and active chilled beam systems along with added features. By geography, Asia-Pacific market is likely to be driven by its key markets such as Japan, Australia, China, and India. The commercial offices and healthcare sectors along with, hotels is expected to offer a huge growth opportunity in these regions. The market would also be fuelled by the increase in focus of the main players to develop their product and service offerings in the Asia-Pacific region as this region is expected to witness a significant growth in terms of the adoption of these systems over the next decade.

Some of the key players profiled in the Chilled Beam System Market include Barcol Air Group AG, Caverion Corporation, Dadanco Pty Ltd, Emco Bau- und Klimatechnik GmbH & Co. KG, Flakt Woods Group SA, Frenger Systems, Ftf Group Climate, Halton Group, Johnson Controls International Plc, Lindab International AB, LTG Aktiengesellschaft, Mestek Inc, MADEL Air Technical Diffusion S.E., Nijburg Industry Group, NuClimate Air Quality Systems Inc, Price Industries, Roccheggiani S.p.A, Swegon AB, Systemair AB, Titus Hvac and Trox GmbH.

Functions Covered:

Cooling Only

Cooling and Heating

Designs Covered:

Active Chilled Beam

Passive Chilled Beam

Multi-Service Chilled Beam

Applications Covered:

Educational Institutions

Commercial Offices

Healthcare

Hotels

Other Applications

Products Covered:

Concealed

Exposed

Recessed

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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