

Energy Efficient Windows Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global energy efficient windows market size reached US\$ 19,588.8 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 31,641.7 Million by 2028, exhibiting a growth rate (CAGR) of 8.3% during 2022-2028.

Energy-efficient windows refer to technologically upgraded ventilation systems that offer optimal heat gain and loss protection. They assist in minimizing the use of artificial cooling and heating in an infrastructure. They help prevent the escape of conditioned air from the complexes, thereby eliminating the transfer of heat in both directions. They also aid in maintaining the optimum level of light, warmth, and ventilation in the room. Presently, energy-efficient windows are available in double glazing, triple glazing, low emissivity (low-E) coatings, and argon or krypton gas filling variants.

Energy Efficient Windows Market Trends:

The surging global population and the significant rise in construction activities of residential and commercial buildings are positively influencing the market. In addition, the increasing requirement for effective ventilation systems to minimize energy consumption and air conditioning costs is creating a positive outlook for the market. Apart from this, shifting consumer preferences toward energy-efficient windows as they help reduce the power wastage by cutting off the outlet of air from the room. Along with this, the increasing adoption of green building concepts and rising consciousness among individuals about the harmful effects of artificial air on the environment are contributing to the market growth. Additionally, the integration of innovative windows integrated with artificial intelligence (AI) and the internet of things (IoT) is stimulating the market growth. Furthermore, the implementation of favorable government policies promoting sustainable development, along with increasing investments in extensive infrastructural development, is anticipated to drive the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global energy efficient windows market report, along with forecasts at the global, regional, and country level from 2023-2028. Our report has categorized the market based on operating type, glazing type, component, and end use.

Breakup by Operating Type:

Awning

Casement

Double-hung

Fixed

Hopper

Sliding

Awning windows currently dominate the market as they offer maximum privacy and an attractive look to the buildings.

Breakup by Glazing Type:

Double Glazing

Triple Glazing

Others

Double glazing windows presently represent the largest market segment as they reduce noise pollution and the amount of moisture on window panes.

Breakup by Component:

Frame

Glass

Hardware

Frame holds the majority of the global energy-efficient windows market share.

Breakup by End Use:

Residential

Non-Residential

The residential sector currently accounts for the majority of the market share due to a significant rise in the construction, renovation, and remodeling activities of residential buildings.

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

North America exhibits a clear dominance in the market due to the rising construction of educational institutions and hospitals in the region.

Competitive Landscape:

The competitive landscape of the market has been analyzed in the report, along with the detailed profiles of the major players operating in the industry. Some of these players are Andersen Corporation, Builders Firstsource Inc., Deceuninck NV, JELD-WEN Inc., Marvin Windows Inc., Masco Corporation, PGT Innovations Inc., Ply Gem Residential Solutions, Schott AG, The REHAU Group, VKR Holding A/S and YKK Corporation.

Key Questions Answered in This Report

1. How big is the global energy efficient windows market?
2. What is the expected growth rate of the global energy efficient windows market during 2023-2028?
3. What are the key factors driving the global energy efficient windows market?
4. What has been the impact of COVID-19 on the global energy efficient windows market?
5. What is the breakup of the global energy efficient windows market based on the operating type?
6. What is the breakup of the global energy efficient windows market based on the glazing type?
7. What is the breakup of the global energy efficient windows market based on the component?
8. What is the breakup of the global energy efficient windows market based on the end

use?

9. What are the key regions in the global energy efficient windows market?

10. Who are the key players/companies in the global energy efficient windows market?

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