

# Air Curtains Market: Current Analysis and Forecast (2025-2033)

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## Abstracts

An air curtain is a system placed above or next to a door to form a barrier of strong air movements. They protect the cleanliness of your home by not allowing air from outside to enter and mix with the air inside your home. The installation of air curtains in commercial and industrial areas helps businesses maintain greater energy efficiency. They make spaces cleaner and more comfortable where foot traffic is regular. In some cases, air curtains run all the time, but in others, they are controlled by sensors on the door. They can also be heated to suit the requirements of the space where they are installed.

The Air curtains market is set to show a growth rate of about 10.32% during the forecast period (2025-2033F). The industry is growing because more people seek energy-efficient cooling and become aware of how indoor air quality impacts hygiene. Malls, hospitals, hotels, and airports built at a faster rate need air curtains to help create controlled environments and lower energy costs for HVAC. Furthermore, air curtain technology helps meet hygiene standards, keeping contaminants and insects out of the controlled environment, especially in the food and pharmaceutical industry. Additionally, better technology makes them even more appealing. Energy conservation and worker safety laws from the government further contribute to market progress.

For instance, in April 2022, Berner International, which is North America's leading air curtain manufacturer and innovator, launched the "Architectural Elite", the inaugural model of its new Architectural Collection. This product features one of the most advanced and aesthetically refined air curtains. These latest launches by the industry leaders are accelerating the global air curtains market.

Based on the type, the market is categorized into recirculating air curtains and

non-recirculating air curtains. Among these, the re-circulating air curtains market holds the maximum market share. Its significant energy savings and advanced air circulation abilities are the main reasons for its leading role. Additionally, as these systems consume less energy, which is perfect for places such as commercial buildings, stores, and hospitals, this market is expected to see significant growth.

Based on technology, the market is categorized into automatic/sensor-based and manual. Among these, the automatic/sensor-based air curtains market holds the maximum market share. Their better performance, high energy savings, and simpler use lead to their dominance. These systems are activated automatically when motion or a door is sensed, so no one needs to flip the switch, and they will always perform as needed in busy areas like offices and hospitals. In the future, as more buildings are expected to be fitted with smart technologies, the automatic/sensor-based air curtains market is also expected to increase.

Based on end-use, the market is segmented into commercial, industrial, and others. Out of these, the commercial segment holds the maximum market share. Most sales in this industry are driven by the commercial market, due to the increasing application of air curtains in stores, shopping centers, restaurants, and offices to keep the air clean and comfortable. Being able to save energy and keep customers at ease, air curtains are widely chosen for commercial applications. However, in the forecasted period, the industrial segment is set to expand most rapidly, as the need for separating areas in manufacturing units, warehouses, and cold storage rises, helping guarantee safety, productivity, and compliance with guidelines on air and temperature control.

For a better understanding of the adoption of air curtains, the market is analyzed based on its worldwide adoption in countries such as North America (U.S., Canada, and the Rest of North America), Europe (Germany, U.K., France, Spain, Italy, Rest of Europe), Asia-Pacific (China, Japan, India, Rest of Asia-Pacific), and Rest of World. Among these, the North America region holds the largest market share due to its strong infrastructure and widespread use of commercial HVAC systems across the industries. However, the Asia-Pacific region is expected to be the fastest-growing region, due to the rising awareness of indoor air quality (IAQ) in commercial and healthcare environments.

Some major players running in the market include Panasonic, Mitsubishi Electric

Corporation, Systemair AB, Carrier Global Corporation, Berner International, Mars Air Systems LLC, VTS Group, Guangdong Nedfon Air System Co., LTD., Dolphy India Pvt. Ltd., and Cronax Industries.

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