

North America Industrial Fans Market Forecast to 2030 - COVID-19 Impact and Regional Analysis by Technology (Centrifugal, and Axial), and Industry (Chemical & Petrochemicals, Healthcare, Automotive Manufacturing, Food & Beverage, Oil & Gas, Mining, and Others)

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AVAILABLE LICENSES:

- Single User Price \$3000.00
- Site Price \$4000.00
- Enterprise Price \$5000.00

Report description:

The North America industrial fans market is expected to grow from US\$ 1.47 billion in 2022 to, US\$ 2.65 billion by 2030; it is estimated to register a CAGR of 7.7% during the forecast period.

The elimination of contaminants is a major concern in the food & beverages industry. Every stage of manufacturing a food product, from packaging to storage, must adhere to stringent safety guidelines to ensure human health and legal compliance. Many food products are susceptible to contamination and bacterial and fungal infestation and growth. Hence, proper ventilation is necessary to keep them from perishing due to moisture or mold growth. Industrial fans are a crucial part of the food & beverages industry. The food industry systems such as ovens, ventilation systems, and exhaust includes fans to prevent overheating, spoilage, and food deterioration. In food processing and beverage industries, industrial fans have a wide range of operations connected to the whole supply chain, from raw materials to finished goods. In the food processing units, industrial fans carry out various tasks such as general ventilation, supply, exhaust, combustion, drying, heating, cooling, dust collecting, and air filtering. In February 2022, Tyson Foods Inc. completed the expansion project at its cocktail sausage manufacturing facility in Kentucky for US\$ 83 million. This expansion was done to increase the production capacity by 50%. As the demand for production increases, the need for providing efficient cooling, ventilation, and airflow at these production facilities also arises. To cater to this growing need, the industrial fans market has been experiencing huge adoption across the North America region. Industrial fans are widely used in the food & beverages industry for the following applications:

Food Drying: Industrial fans help in the drying of washed fruits and vegetables as well as the reduction of water volume in some

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products.

Cooking: Industrial fans are used in the food processing units while cooking. Industrial fans are placed directly over ovens and furnaces. Industrial fans are widely used during high-pressure cooking.

Packaging and Storage: Using high-pressure industrial fans in the food processing units is necessary for effective product packaging. It is used to create a vacuum inside containers or other forms of storage before filling them with finished goods.

Thus, numerous applications of industrial fans are increasing their demand from the food & beverages industry, thereby driving the North America industrial fans market.

The power demand is rising due to a surge in economic development, rise in population, high standards of living, and rise in technological developments. Developed countries consume huge amounts of energy, and the demand for energy is increasing in several countries. Rapid urbanization led to the development of the processing & manufacturing industry, which requires a huge amount of power for all operations. As more people are shifting to urban areas, the demand for energy for lighting, cooking, domestic appliances, and heating is also expected to increase. Further, the growing use of air conditioners in homes and offices is the key factor driving the regional demand for electricity. In 2022, according to the US Energy Information Administration, electricity consumption in the United States was ~US\$ 4 trillion. The rising power consumption will further increase the installation of power generation units such as nuclear power plants, hydropower plants, and coal and thermal power plants. These power plants will require industrial fans during the combustion process and for cooling inverters and generators. Therefore, such rise in power and electricity consumption is likely to boost the deployment of industrial fans across different industry facilities and expected to provide future opportunities for the North America industrial fans market growth during the forecast period.

Witt & Sohn AG, Airmaster Fan Co, Johnson Controls International Plc, Systemair AB, ebm papst Inc, Greenheck Fan Corp, Jan Fan Inc, Airmax Fans, Patterson Fan Company Inc, and Triangle Engineering Inc are among the key industrial fans market players operating in the North American market. Various other industrial fans market players have been analyzed during the study that are coming up with advanced technologies and offerings to contribute to the industrial fans market proliferation.

Impact of COVID-19 Pandemic on North America Industrial Fans Market:

The enactment of lockdowns and travel restrictions, the temporary shutdown of production facilities, and the shortage of employees had adversely affected the performances of major players in North America's industrial fans. However, prominent industrial fans market players in North America have taken several strategic initiatives to accelerate the industrial fans market growth. In March 2020, Hunter Industrial Fans launched its commercial fan line known as "Trak." The Trak is designed and engineered with a commercial-grade motor and extruded aluminum blades for a long lifespan and optimal airflow, thereby contributing to the region's industrial fans market growth.

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