

## **Ventilation Equipment - A US Market Overview**

Market Report | 2025-02-07 | 120 pages | Industry Experts

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- Single user licence (PDF) \$3600.00
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### **Report description:**

United States Ventilation Equipment Market Trends and Outlook

The U.S. ventilation equipment manufacturing industry experienced a slight contraction of 0.5% in 2020, with production declining to 24.7 million units. This modest downturn showcased the industry's resilience during the significant challenges posed by the COVID-19 pandemic. On the supply side, operational restrictions impacted many businesses, while demand in the residential sector remained relatively strong. The pandemic underscored the critical importance of healthy and filtered indoor air in workplaces, homes, public establishments, and retail spaces. Additionally, historically low interest rates in 2020 and rising per capita disposable income spurred residential construction, which further supported industry sales. As disposable incomes increased, consumers allocated more funds to home improvements, including ventilation upgrades. However, the non-residential construction sector, a key market for new ventilation equipment, faced reduced demand for commercial spaces due to the pandemic's effects.

Demand rebounded sharply in 2021 and 2022, driven by a recovery in commercial and residential construction, government-backed renovation initiatives, and heightened awareness of the importance of Indoor Air Quality (IAQ) following the pandemic. This resurgence revitalized a previously stagnant market. Ventilation equipment shipments grew by 6.5% in 2021 as the economy began to stabilize. The U.S. ventilation market saw significant growth during this period, fueled by infrastructure investments, particularly in air handling units and other ventilation products for homes and schools.

However, in 2023, demand declined slightly as economic uncertainty, rising interest rates, and escalating construction costs slowed construction activity across the region. Additionally, the sharp rise in interest rates since mid-2022 further curtailed housing demand, which reduced the need for ventilation equipment during the 2023-2024 period reaching US\$5 billion in 2024. Shipment value of the United States ventilation equipment is projected to grow by a CAGR of 5.7% over the forecast period, reaching US\$7 billion by 2030, attributed mainly to high growth in sales of high valued HRV/ERV Units.

Major companies operating in the United States Ventilation Equipment market include Air Distribution Technologies, Captiveaire Systems, Greenheck Fan Corporation, Chart Industries, Inc. (Howden), FlaktGroup (Woods Air Movement/SEMCO), Loren Cook Company, Munters Corporation, Nortek Air Solutions, LLC. (Madison Air), Robinson Fans, Inc., S&P USA Ventilation Systems, LLC, Systemair USA, The New York Blower Company, and Twin City Fan Companies, Ltd. among others.

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## United States Ventilation Equipment Market Analysis by Product Segment

The market for United States Ventilation Equipment by product segment analyzed in this report include Axial Fans, Centrifugal Fans, Centrifugal Blowers, Tangential/Cross Flow Fans, Domestic Exhaust Fans, Power Roof Ventilators, Range Hoods, Industrial Propeller Fans, Air Handling Units (AHUs) for Ventilation, and Heat Recovery/Energy Recovery Ventilation Units. Axial Fans is the largest segment in terms of volume shipments in the United States ventilation equipment market with a share of 34% in 2023 and anticipated to post a CAGR of 3.6% between 2024 and 2030 in reaching 11.9 million units in 2030. In terms of value, HRV/ERV Units corners the largest share of the United States ventilation equipment market, estimated at 25.4% in 2024, followed closely by Centrifugal Fans, Axial Fans, and Centrifugal Blowers.

## United States Ventilation Equipment Market Report Scope

This United States Ventilation Equipment report analyzes the market size based on annual unit shipments by ventilation equipment manufacturers. This market report analyzes US ventilation equipment volume shipments and value by product segment for the period 2021-2030 with forecasts from 2024 to 2030. In addition to providing profiles of major companies operating in the United States ventilation industry, the latest corporate and industrial developments have been covered to offer a clear panorama of the United States ventilation industry.

### Key Metrics

Historical Period: 2021-2023

Base Year: 2024

Forecast Period: 2024-2030

Units: Volume Shipments in units and Value market in US\$

Companies Mentioned: 40+

## United States Ventilation Equipment Market by Product Segment

- Axial Fans
  - o□ Directly\_driven
  - o□ Belt\_driven
- Centrifugal Fans
  - o□ Centrifugal classes I and II fans
  - o□ Centrifugal classes III and IV fans
  - o□ Industrial Centrifugal Fans
  - o□ Other centrifugal fans (including attic fans)
- Centrifugal Blowers
  - o□ Centrifugal blower\_filter units
  - o□ Positive Displacement Centrifugal Blowers
  - o□ Multistage Centrifugal Blowers
- Tangential/Cross Flow Fans
- Domestic Exhaust Fans
- Power Roof Ventilators
  - o□ Axial and Propeller type
  - o□ Centrifugal type
- Range Hoods
- Industrial Propeller Fans
  - o□ Directly\_driven
  - o□ Belt\_driven
- Air Handling Units (AHUs) for Ventilation

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-□Heat Recovery/Energy Recovery Ventilation Units

## **Table of Contents:**

### **PART A: US VENTILATION EQUIPMENT MARKET**

#### **1. INTRODUCTION**

o□Product Outline

-□Ventilation Overview

-□Common Methods Used for Ventilation

-□Mechanical/Forced Ventilation

-□Natural Ventilation

-□Hybrid Ventilation

-□Components of Ventilation Systems

-□Natural Ventilation Systems

-□Mechanical Ventilation Systems

-□Design Strategies of Ventilation Systems

-□Exhaust Ventilation Systems

-□Supply Ventilation Systems

-□Balanced Ventilation Systems

o□Product Segmentation

-□Axial Fans

-□Centrifugal Fans

-□Centrifugal Blowers

-□Tangential/Cross Flow Fans

-□Domestic Exhaust Fans

-□Power Roof Ventilators

-□Range Hoods

-□Industrial Propeller Fans

-□Air Handling Units (AHUs) for Ventilation

-□Heat Recovery/Energy Recovery Ventilation Units

#### **2. VENTILATION STANDARDS & CODES**

-□ANSI/ASHRAE Standard 62.1-2022 - Ventilation for Acceptable Indoor Air Quality

-□ANSI/ASHRAE Standard 62.2-2022 - Ventilation and Acceptable Indoor Air Quality in Residential Buildings

-□Standard 90.1-2022 - Energy Standard for Sites and Buildings Except Low-Rise Residential Buildings

-□Standard 90.2-2024 - High-Performance Energy Design of Residential Buildings

-□ENERGY STAR Ratings for Ventilation Fans

-□Other Testing and Certification Procedures

#### **3. KEY MARKET TRENDS**

#### **4. INDUSTRY LANDSCAPE**

-□Air Distribution Technologies, Inc.

-□Captiveaire Systems

-□Greenheck Fan Corporation

-□Chart Industries, Inc. (Howden)

-□FlaktGroup (Woods Air Movement/SEMCO)

-□Loren Cook Company

-□Munters Corporation

-□Nortek Air Solutions, LLC. (Madison Air)

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- Robinson Fans, Inc.
- S&P USA Ventilation Systems, LLC
- Systemair USA
- The New York Blower Company
- Twin City Fan Companies, Ltd.

## 5. KEY BUSINESS TRENDS

## 6. THE UNITED STATES MARKET OVERVIEW

- United States Shipments Analysis by Product Segment
  - o□Unit Shipments Analysis
  - o□Shipments Value Analysis
  - o□United States Product Segment Shipments Analysis by Type
    - Axial Fans
      - Unit Shipments Analysis
      - Shipments Value Analysis
    - Centrifugal Fans
      - Unit Shipments Analysis
      - Shipments Value Analysis
    - Centrifugal Blowers
      - Unit Shipments Analysis
      - Shipments Value Analysis
    - Power Roof Ventilators
      - Unit Shipments Analysis
      - Shipments Value Analysis
    - Industrial Propeller Fans
      - Unit Shipments Analysis
      - Shipments Value Analysis

## PART B: GUIDE TO THE INDUSTRY

## PART C: ANNEXURE

1. RESEARCH METHODOLOGY
2. FEEDBACK

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