+44 20 8123 2220
info@marketpublishers.com

Portable Ventilator Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Mode (Pressure Mode Ventilation, Volume Mode Ventilation, Combined Mode Ventilation, and Others), By Age Group (Neonatal and Adult), By Interface (Non-Invasive Ventilation and Invasive Ventilation), By End User (Hospitals & Clinics, Ambulatory Care Centers, and Home Care), By Region and Competition

https://marketpublishers.com/r/P3DCCAF96DD5EN.html
Date: October 2023
Pages: 190
Price: US$ 4,900.00 (Single User License)
ID: P3DCCAF96DD5EN

Abstracts

The Global Portable Ventilator Market reached a valuation of USD 827.56 Million in 2022 and is poised for robust growth in the forecast period, exhibiting a Compound Annual Growth Rate (CAGR) of 5.58% and expected to reach USD 1148.64 Million through 2028. A portable medical ventilator is a critical apparatus used to provide oxygen to patients with minimal care needs. It consists of a flexible or specialized breathing circuit, a heated humidifier or heat and moisture exchanger (HME), a control system, monitors, alarms, and sensors. It operates by delivering gas to the lungs at normal tidal volumes and breathing rates through methods such as an endotracheal tube, cannula, or mask, utilizing positive pressure. These ventilators also offer various ventilation modes, including combined-, pressure-, and volume-mode ventilation, as well as assist-control, synchronized intermittent mandatory, airway pressure release, and pressure support ventilation. Consequently, portable ventilators are extensively used for long-term respiratory care in homes, hospitals, and ambulatory care centers.

Key Market Drivers

+44 20 8123 2220
info@marketpublishers.com

Increasing Prevalence of Chronic Respiratory Diseases:

The escalating global incidence of chronic respiratory diseases is a significant driver for market growth. Portable ventilators are extensively employed in intensive care units and hospital wards to provide respiratory support for patients with conditions such as asthma, pneumonia, emphysema, and lung cancer. Chronic respiratory diseases, like chronic obstructive pulmonary disease (COPD), asthma, and interstitial lung disease, often lead to compromised lung function. As these conditions become more prevalent, more individuals may require respiratory support to manage their breathing difficulties. Chronic respiratory diseases can have acute exacerbations that significantly worsen breathing problems. Portable ventilators can assist in managing these exacerbations, providing immediate relief and reducing the need for hospitalization. Portable ventilators empower patients to actively participate in their respiratory care, as they can adjust settings and monitor their condition, leading to improved treatment adherence.

Rising Geriatric Population:

With the global population aging, the prevalence of chronic diseases, including respiratory conditions, is expected to rise. Portable ventilators are crucial for providing respiratory support to elderly individuals with chronic respiratory diseases. Older adults are more likely to suffer from chronic respiratory conditions such as COPD, congestive heart failure, and pneumonia. These conditions can lead to respiratory failure and the need for ventilatory support. Aging individuals are also more susceptible to respiratory infections, which can result in acute respiratory distress requiring ventilatory assistance. Portable ventilators can help stabilize their condition during acute respiratory episodes. Moreover, geriatric patients with advanced-stage chronic illnesses or nearing end-of-life care may benefit from palliative care at home, where portable ventilators provide comfort and symptom relief.

Technological Advancement:

Technological advancements, including the emergence of non-invasive and microprocessor-controlled portable ventilators, significantly contribute to industry growth. These variants prioritize patient comfort and offer compact, durable, and energy-efficient solutions. Non-invasive ventilation methods, such as BiPAP (bilevel positive airway pressure) and CPAP (continuous positive airway pressure), provide a more comfortable experience compared to invasive ventilation methods. This increased comfort can lead to better patient compliance. Microprocessor-controlled ventilators often come equipped with advanced monitoring capabilities and connectivity features,

enabling remote monitoring and timely adjustments to treatment plans.

Increased Healthcare Spending:

Higher healthcare spending often leads to improved access to medical services, including respiratory care. This increased access can result in more individuals seeking diagnosis and treatment for respiratory conditions, subsequently driving up the demand for portable ventilators. With more resources allocated to healthcare, individuals are more likely to receive timely and accurate diagnoses of respiratory conditions. Early intervention and treatment can lead to better outcomes and an increased need for respiratory support devices like portable ventilators. Increased healthcare spending can support the adoption of advanced medical technologies, including portable ventilators. As respiratory care becomes a higher priority, the demand for portable ventilators is likely to experience growth.

Key Market Challenges

Large Population of Undiagnosed & Undertreated Patients:

Lack of awareness about portable ventilators and their benefits can lead to delayed diagnosis and treatment for individuals with respiratory conditions. This delay may result in worsened symptoms and poorer outcomes. Portable ventilators can provide early intervention for individuals with respiratory distress, preventing the progression of their conditions to more severe stages. Lack of awareness may mean missed opportunities for timely treatment, and undiagnosed and undertreated patients may seek care in healthcare facilities only when their conditions worsen.

High Cost Associated with Portable Medical Ventilators:

Portable ventilators often incorporate advanced technologies, such as microprocessor control, advanced monitoring capabilities, and connectivity features. These technologies contribute to higher manufacturing costs. Designing portable ventilators that are compact, lightweight, and suitable for home use requires specialized engineering and materials, which can increase production costs. Ensuring the safety, reliability, and compliance of medical devices with regulatory standards involves rigorous testing and quality control measures, which can add to manufacturing expenses.

Key Market Trends

+44 20 8123 2220
info@marketpublishers.com

Potential in Emerging Economies due to Improved Healthcare Infrastructure:

Rapid urbanization in emerging economies often leads to air pollution and poorer air quality, contributing to the development or exacerbation of respiratory conditions. Governments in emerging economies may invest in healthcare infrastructure development and prioritize respiratory care. This could include subsidizing the cost of portable ventilators to make them more accessible. Economic growth in emerging economies can lead to increased disposable income, enabling more individuals to afford portable ventilators for better respiratory management.

Increasing Demand for Home Healthcare Settings:

The preference for home-based care is increasing due to benefits like patient comfort, reduced hospitalization rates, and overall cost-effectiveness. Portable ventilators allow individuals with chronic respiratory diseases to receive necessary support while staying at home. Home healthcare settings aim to reduce the burden on hospitals and healthcare facilities. Providing care in a home setting can be more cost-effective compared to inpatient care. Portable ventilators facilitate home-based respiratory support, reducing healthcare costs for both patients and healthcare systems.

Segmental Insights

Age Group Insights:

Portable ventilators are designed for two primary patient groups: neonates and adults. Considering the higher prevalence of geriatric patients and the impact of COVID-19, adult ventilators are expected to hold a larger market share compared to neonatal ventilators. Portable ventilators play a vital role in managing chronic respiratory conditions, allowing adults to maintain a higher quality of life. Portable ventilators enable adults to stay engaged in work, family, and social activities.

End User Insights:

The home healthcare segment is expected to experience rapid growth due to specialized products designed for patients receiving treatment at home. Portable ventilators enable patients to manage respiratory conditions at home, reducing hospitalizations and healthcare costs. Home healthcare settings align with the trend of shifting healthcare services from hospital settings to home-based care. Portable ventilators play a critical role in enabling high-quality medical care and respiratory

+44 20 8123 2220
info@marketpublishers.com

support in these settings.

Regional Insights

North America is expected to dominate the market due to rising awareness of portable ventilators and technological innovation. Government support and healthcare infrastructure expenditure contribute to its continued leadership. North America has a significant prevalence of chronic respiratory diseases, driving the demand for respiratory support devices like portable ventilators. Many portable ventilator manufacturers and healthcare technology companies are based in the region, leading to the development of advanced devices. The Asia-Pacific region is projected to experience significant growth, driven by increasing cases of COVID-19, sleep apnea therapies, and anesthesia administration.

Key Market Players

Abbott Laboratories

Atico Medical Pvt. Ltd.

Avasarala Technologies

Becton, Dickinson and Company

Beijing Aeonmed Co., Ltd.

Drgerwerk AG & Co.

GE Healthcare

Getinge AB

Hamilton Medical AG

Koninklijke Philips N.V.

Report Scope:

+44 20 8123 2220
info@marketpublishers.com

In this report, the Global Portable Ventilator Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Portable Ventilator Market, By Mode:

Pressure Mode Ventilation

Volume Mode Ventilation

Combined Mode Ventilation

Others

Portable Ventilator Market, By Age Group:

Neonatal

Adult

Portable Ventilator Market, By Interface:

Non-invasive Ventilation

Invasive Ventilation

Portable Ventilator Market, By End User:

Hospitals & Clinics

Ambulatory Care Centres

Home Care

Portable Ventilator Market, By Region:

North America

United States

+44 20 8123 2220
info@marketpublishers.com

- Canada
- Mexico

Europe

- France
- United Kingdom
- Italy
- Germany
- Spain

Asia-Pacific

- China
- India
- Japan
- Australia
- South Korea

South America

- Brazil
- Argentina
- Colombia

Middle East & Africa

+44 20 8123 2220
info@marketpublishers.com

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Portable Ventilator Market.

Available Customizations:

Global Portable Ventilator market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

7. EUROPE PORTABLE VENTILATOR MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

8. ASIA-PACIFIC PORTABLE VENTILATOR MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

9. SOUTH AMERICA PORTABLE VENTILATOR MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

10. MIDDLE EAST AND AFRICA PORTABLE VENTILATOR MARKET OUTLOOK

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Portable Ventilator Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Mode (Pressure Mode Ventilation, Volume Mode Ventilation, Combined Mode Ventilation, and Others), By Age Group (Neonatal and Adult), By Interface (Non-Invasive Ventilation and Invasive Ventilation), By End User (Hospitals & Clinics, Ambulatory Care Centers, and Home Care), By Region and Competition

Product link: https://marketpublishers.com/r/P3DCCAF96DD5EN.html

Price: US$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/P3DCCAF96DD5EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

+44 20 8123 2220
info@marketpublishers.com

& Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970