

Ventilators Market by Mobility (ICU, Portable), Type (Adult/Paediatric, Neonatal), Mode, Interface (Invasive, Non-invasive), End User (Hospital, Clinic, ACC, Homecare), Key Stakeholder & Buying Criteria, Unmet Need, Reimbursement - Global Forecast to 2028

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Abstracts

Ventilators are medical devices designed to assist individuals with breathing difficulties or respiratory failure. These machines provide mechanical support for the lungs by delivering oxygen and removing carbon dioxide from a patient's respiratory system. Ventilators are crucial in various medical settings, including intensive care units (ICUs), during surgery, and for patients with conditions such as acute respiratory distress syndrome (ARDS), chronic obstructive pulmonary disease (COPD), or neuromuscular disorders..

The ventilators market is projected to reach USD 5.7 Billion in 2028 from USD 4.2 Billion in 2023, at a CAGR of 6.4% during the forecast period. Growth in the ventilators market is primarily due to the surge in demand for mechanical ventilation, expansion of manufacturing capacity, technological advancements, increased focus on remote monitoring and connectivity, and a growing trend towards home-based ventilation for chronic respiratory patients. However, the high cost associated with advanced ventilator technologies and equipment, which can pose a financial burden on healthcare facilities and limit their ability to invest in the latest ventilator systems.

The portable/transportable ventilators expected to grow at the highest CAGR during the forecast period

The portable/transportable ventilators expected to grow at the highest rate during the forecast period. The growth of this segment can be attributed to the increasing demand



for home-based respiratory care, especially among patients with chronic respiratory conditions, and the need for portable ventilators in emergency medical response situations. Additionally, the COVID-19 pandemic has underscored the importance of portable ventilators in providing critical care in various healthcare settings, further driving their adoption and innovation in this rapidly evolving segment of the medical device industry.

The adult/pediatric ventilators segment expected to grow at the highest rate during the forecast period

The adult/pediatric ventilator segment is expected to grow at the highest rate during the forecast period The aging global population and advancements in medical technology and respiratory care have led to the development of more sophisticated and efficient adult ventilator systems, attracting healthcare providers looking to provide optimal care to patients which contribute to the growth of this segment.

The noninvasive ventilators segment expected to grow at the highest rate during the forecast period

The noninvasive ventilator segment is expected to grow at the highest rate during the forecast period. Owing to many patients prefer noninvasive ventilation over invasive methods (such as intubation and mechanical ventilation) because NIV is less invasive, more comfortable, and allows for greater mobility and communication during treatment. Additionally, COVID-19 pandemic highlighted the importance of noninvasive ventilation in managing respiratory distress caused by the virus.

The Asia Pacific region is expected to register the highest CAGR in 2022

Based on geography, the ventilator market is segmented into North America, Europe, Asia Pacific, Latin America, and the Middle East and Africa. Growth of the Asia Pacific ventilators market is primarily driven by rising standard of living, growing awareness of healthcare, and improving healthcare infrastructure. The growth in the healthcare industry is expected to provide favorable growth opportunities for players operating in the ventilators market.

The break-up of the profile of primary participants in the respiratory care devices market (Supply Side):

By Company Type: Tier 1 – 25%, Tier 2 – 40%, and Tier 3 – 35%



By Designation: C Level – 20%, Director Level – 38%, Others-42%

By Region: North America – 15%, Europe – 41%, Asia Pacific – 25%, Middle East – 9%, and Latin America – 11%

The break-up of the profile of primary participants in the respiratory care devices market (Demand Side):

By End User: Hospitals- 55%, Home Care- 24%, Ambulatory Care- 14%, Emergency Medical Services- 7%

By Designation: Doctors-47%, Diagnostic Centre Lab Heads-22%, Hospital Directors & Managers-15%, Others-16%

By Region: North America-25%, Europe-24%, Asia Pacific-25%, Latin America-11%, Middle East & Africa-15%

Key players in the ventilators market

The prominent players in the ventilator market are Koninklijke Philips N.V. (Netherlands), ResMed (US), Medtronic (Ireland), Dr?gerwerk AG & CO. KGAA (Germany), Nihon Kohden Corporation (Japan), Getinge AB (Sweden), Asahi Kasei Corporation (Japan), Air Liquide (France), Vyaire Medical, Inc. (US), GE Healthcare (US), Hamilton Medical (Switzerland), ICU Medical, Inc. (US), Allied Healthcare Products, Inc. (US), Shenzhen Mindray Bio-Medical Electronics Co., Ltd, (China), aXcent Medical GmbH (Germany), Metran Co., Ltd. (Japan), MAGNAMED (Brazil), Avasarala Technologies Limited (India), Airon Corporation (Florida), TRITON Electronic Systems Ltd. (Russia), Bio-Med Devices, Inc. (US), Hill-Rom Holdings, Inc. (US), HEYER Medical AG (Germany), and Leistung Ingenier?a SRL (Argentina).

Research Coverage:

The report analyzes the ventilator market and aims at estimating the market size and future growth potential of this market based on various segments such as mobility, type, interface, mode, end user and region. The report also includes a product portfolio matrix of various ventilator available in the market. The report also provides a competitive



analysis of the key players in this market, along with their company profiles, product offerings, and key market strategies.

Reasons to Buy the Report

The report will enrich established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn would help them, garner a more significant share of the market. Firms purchasing the report could use one or any combination of the below-mentioned strategies to strengthen their position in the market.

This report provides insights into the following pointers:

Analysis of key drivers (rising burden of respiratory diseases, urbanization and rising pollution levels, rising obesity cases due to sedentary lifestyles, rapid growth in geriatric population worldwide, growing preference for home care settings, rising number of preterm births and outbreak of infectious respiratory disaeses), restraints (shortage of skilled medical workers, excessive purchase of ventilators during COVID-19, and reimbusrsement concerns), opportunities (cost efficiency of home care services, growth opportunities in emerging economies), and challenges (low awareness and unavailability of adequate resources in emrging economies, harmful effects of certain respiratory devices on neonates, supplychain disruptions in ventilators market, and global demand fluctuations in ventilators market) influencing the growth of the ventilators market

Market Penetration: Comprehensive information on product portfolios offered by the top players in the global ventilator market. The report analyzes this market by mobility, type, interface, mode, end user and region.

Product Enhancement/Innovation: Detailed insights on upcoming trends and product launches in the global ventilator market.

Market Development: Comprehensive information on the lucrative emerging markets by mobility, type, interface, mode, end user and region.

Market Diversification: Exhaustive information about new products or product enhancements, growing geographies, recent developments, and investments in the global ventilator market.

Competitive Assessment: In-depth assessment of market shares, growth



strategies, product offerings, competitive leadership mapping, and capabilities of leading players in the global ventilator market.



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