

North America Neonatal Ventilators Market Report and Forecast 2024-2032

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Report description:

North America Neonatal Ventilators Market Report and Forecast 2024-2032

North America Neonatal Ventilators Market Outlook

The global neonatal ventilators market size was valued at USD 407.9 million in 2023, with North America holding a significant market share. The market is driven by the rising advancements in the ventilator technologies. It is expected to grow at a CAGR of 6.41% during the forecast period of 2024-2032, with the values likely to attain USD 714.2 million by 2032.

Key Takeaways

- The 2023 March of Dimes Report revealed that the preterm birth rate in the United States is substantially high, estimated to be 10.4%. The rising number of preterm births is expected to drive market demand.
- Increased focus on research activities aimed at the improvement of ventilation quality is poised to elevate North America neonatal ventilators market value. In November 2023, a study published in Pediatrics showed that real-time digital feedback using an Augmented Infant Resuscitator (AIR) device on a newborn manikin is associated with quicker and more accurate ventilation assessment.
- Strategic partnerships among the key market players are a major market trend. In January 2024, Inspiration Healthcare Group PLC announced its plans to buy Arion Corporation in a deal worth USD 2.5 billion. The deal is intended to penetrate the United States market and commercialize its product portfolio, including its non-invasive infant ventilator SLE6000.

North America Neonatal Ventilators Market Analysis

The neonatal period, comprising the first 28 days of life, is considered the most vulnerable time for an infant. Neonatal ventilators can help provide respiratory support to ill or premature babies who are often not able to breathe properly on their own. The rising prevalence of respiratory disorders in neonates coupled with the advancement in neonatal care, including improved modes of ventilation and better monitoring systems, is expected to contribute significantly to the North America neonatal ventilators market growth.

In preterm neonates, respiratory distress syndrome (RDS) is a common cause of mortality and morbidity. Ventilatory management

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is crucial for such infants to provide adequate breathing support. The 2023 March of Dimes Report , a nonprofit organization that works to improve the health of mothers and babies in the United States, revealed that preterm birth in the region is substantially high, estimated to be around 10.4%. Since neonatal ventilators are vital for managing respiratory complications in premature babies, the rising prevalence of preterm births is likely to augment the North America neonatal ventilators market demand. The market is witnessing an increased focus on research activities, aimed at the improvement of ventilation quality to prevent newborn mortality rates. In November 2023, a study published in Pediatrics (Official Journal of the American Academy of Pediatrics) evaluated the efficacy of real-time digital feedback on ventilation quality using an Augmented Infant Resuscitator (AIR) device on newborn manikin. The randomized controlled study with the United States and Uganda participants showed that AIR feedback was associated with quicker and more accurate ventilation assessment. Thus, the portable AIR device achieved effective ventilation through digital feedback. The adoption of such advanced devices has the potential to provide quality ventilation and improve neonatal patient care, thereby elevating market value.

One of the major North America neonatal ventilators market trends is the increased merger and acquisition activities among the key market players to gain market entry to their products in lucrative economies such as the United States. In January 2024 , Inspiration Healthcare Group PLC (a global provider of medical technology) announced its plans to buy Arion Corporation (an American respiratory device company) in a deal worth USD 2.5 billion. Under this acquisition, IHC intends to leverage Airon's established brand presence to enter the United States market and commercialize its product portfolio, which includes a non-invasive infant ventilator SLE6000. The increased access to such innovative neonatal ventilators in North America is anticipated to accelerate market growth.

North America Neonatal Ventilators Market Segmentation??

The report offers a detailed analysis of the market based on the following segments:

Market Breakup by Product

- Invasive Ventilation
- Non-invasive Ventilation
- Hybrid Ventilation

Market Breakup by Mobility Type

- Intensive Care Ventilators
- Portable and Transportable Ventilators
- Others

Market Breakup by Technology

- Mechanical Ventilators
- High Frequency Ventilators
- Hybrid Ventilators
- Others

Market Breakup by Mode

- Pressure Mode Ventilation
- Combined Mode Ventilation
- Volume Mode Ventilation
- Others

Market Breakup by End User

- Hospitals
- Clinics
- Ambulatory Surgical Centers
- Others

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Market Breakup by Country

- [] United States

- [] Canada

North America Neonatal Ventilators Market: Competitor Landscape

The key features of the market report include patent analysis, grants analysis, funding and investment analysis, partnerships, and collaborations analysis by the leading key players. The major companies in the market are as follows:

- [] Airon Corporation

- [] Medtronic

- [] ResMed

- [] Vyair Medical Inc.

- [] ICU Medical

- [] GE HealthCare

- [] Sechrist Industries

- [] Becton, Dickinson and Company

- [] Stephan Company

- [] SCHILLER

Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

FAQs

- [] What is the North America neonatal ventilators market forecast outlook for 2024-2032?

The North America neonatal ventilators market is expected to be driven by the rising demand for the global market, which is anticipated to grow at a CAGR of 6.41% during the forecast period of 2024-2032 and is likely to reach a market value of USD 714.2 million by 2032.

- [] What are the major factors aiding the North America neonatal ventilators market demand?

The growing prevalence of respiratory disorders in neonates coupled with the rising healthcare expenditure are fuelling the demand for the market.

- [] What are the major North America neonatal ventilators market trends?

One of the significant trends in the market is the increased strategic partnerships among the key market players. In January 2024, Inspiration Healthcare Group PLC announced its plans to buy Arion Corporation in a deal worth USD 2.5 billion and commercialize its non-invasive infant ventilator SLE6000 in the market.

- [] What is the market segmentation based on the product?

Based on the product, the market is segmented into invasive ventilation, non-invasive ventilation, and hybrid ventilation.

- [] What is the market breakup by mobility type?

By mobility type, the market is divided into intensive care ventilators, and portable and transportable ventilators, among others.

- [] What is the market segmentation based on the technology?

The market breakup by technology includes mechanical ventilators, high frequency ventilators, and hybrid ventilators, among others.

- [] What are the various modes of ventilation available in the market?

Modes of ventilation available in the market include pressure mode ventilation, combined mode ventilation, and volume mode

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ventilation, among others.

-□What are the major end users of neonatal ventilators?

End users are hospitals, ambulatory surgical centers, and clinics, among others.

-□What is the market segmentation by countries?

The market segmentation by countries includes the United States of America and Canada.

-□Who are the key players involved in the North America neonatal ventilators market?

The key players in the market are Airon Corporation, Medtronic, ResMed, Vyair Medical Inc., ICU Medical, GE HealthCare, Sechrist Industries, Becton, Dickinson and Company, Stephan Company, and SCHILLER.

Meta description

North America neonatal ventilators market size is poised for growth, driven by the expansion of the global market, which was valued at USD 407.9 million in 2023 and is projected to grow at a CAGR of 6.41% during the forecast period of 2024-2032.

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*Additional insights provided are customisable as per client requirements.

* The coverage of the Market Landscape section depends on the data availability and may cover a minimum of 80% of the total market. The EMR team strives to make this section as comprehensive as possible.

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