

U.S. and Global Medical Ventilator Market Outlook and Future Scope to 2024

Global Medical Ventilator Market Research Report By Application (Hospital, Home, Ambulance) By Types (Invasive, Noninvasive)

PUNE, MAHARASHTRA, INDIA, April 20, 2017 /EINPresswire.com/ -- Medical ventilator is a mechanical ventilator, it's a machine designed or intended to move breathable air into and out of the lungs, to provide breathing for a patient who is physically not able to breath. In ventilators the air supply is pneumatically packed a few times each moment to convey room-air, or in most cases, an air/oxygen mixture to the patient. If a turbine is used, the turbine pushes air through the ventilator, with a flow valve adjusting pressure to meet patient-specific parameters.

The cutting edge ventilators are modernized ventilator machines, in which patients can be ventilated with a bag valve mask, a simple had operated bag valve mask, a basic hand worked sack valve veil. Modern positive pressure ventilator consisting of straight forward structure of a compressible air reservoir or turbine, air and oxygen supplies a set of valves and tubes, and a disposable or reusable patient circuit.

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Medical ventilators are used in hospitals, ambulance, and from homes which can be portable or fixed. Ventilators for home use are small, lightweight and run on electricity. They can be powered by the internal battery for brief trips outside the home, and can sit on a bedside stand, cart or wheelchair and be used for travel Most feature various levels of gas/air-flow pressure, volume, rate and duration to control breathing or to wean a patient off the ventilator.

The tow featuring categories of ventilators include Noninvasive and Invasive ventilators.

Noninvasive ventilators include Volume-cycled ventilators, Pressure-cycled ventilators, Flow-cycled ventilators, Time-cycled ventilators, Continuous positive airway pressure ventilators, Bi-level positive airway pressure ventilators.

Invasive ventilators Invasive ventilation is delivered through an endotracheal tube inserted into the patient's nose or mouth, or through a tracheostomy, a surgical incision in the neck to access the trachea.

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Increasing number of geriatric population is a key factor in growth of the [medical ventilator market](#). Patients with problems of chronic respiratory disease require long term ventilation which increases the demand of medical ventilators. Increase in number of Chronic Obstructive Pulmonary Diseases (COPD) and improvement in the technology are also playing a major role in the growth of the market.

Globally, North America is leading market the market for medical ventilator market. This is due to expanding pervasiveness of respiratory issue and enhanced repayment arrangements in the region. In addition to this increased health awareness is playing a major role in the growth of the medical ventilator market of North America.

US is the leading market in North America with medical insurances and medical polices on a high

priority by the government and the citizens of US, hence US market for medical ventilators is the leading market in North America followed by Canada.

UK, France and Germany are market leaders in the Medical ventilator market in Europe. This can be attributed to increasing awareness among people about various acute and chronic respiratory diseases in the continent. Furthermore, various other Government associations of the European countries have launched programs to raise awareness among people about the respiratory diseases which is expected to drive the market for the medical ventilator in Europe.

Every report of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report also gives a broad study of the different market segments and regions.

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