

Global Ventilator Market: Analysis and Forecast, 2021-2030

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Abstracts

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Market Report Coverage - Ventilator Market

Market Segmentation

Product Type – Intensive Care Ventilator and Portable Ventilator

Modality – Invasive Ventilation and Non-Invasive Ventilation

Patient Age- Adult and Pediatric and Neonates

End User – Hospitals and Specialty Clinics, Emergency Medical Services, and Homecare

Regional Segmentation

North America – U.S., Canada

Europe – Germany, U.K., France, Italy, Spain, Rest-of-Europe

Asia-Pacific – China, Japan, India, South Korea, Singapore, Australia and New Zealand, Rest-of-Asia-Pacific

Rest-of-the-World – Latin America, Middle East and Africa

Growth Drivers

Increasing Respiratory Disease Incidences

Rising Geriatric Population

Increase in Number of ICU Beds

High Number of Premature Births

Government and Organizational Initiatives to Boost Ventilator Production

Market Challenges

Complications and Side-Effects Associated with Ventilator Usage

Lack of Trained Medical Staff

Market Opportunities

Coronavirus Outbreak Leading to Rising Global Ventilator Demand

Increasing Requirement of Portable Ventilators for Homecare and Emergency Usage

Development of Digital Education and Training Tool

Key Healthcare and Non-Healthcare Companies Profiled

Aerobiosys Innovations Private Limited, Air Liquide, Drägerwerk AG & Co. KGaA, General Electric Company, Getinge AB, Hamilton Medical, Koninklijke Philips N.V., L?wenstein Medical Innovation GmbH & Co. KG, Medtronic plc, OneBreath Inc., Penlon Ltd, ResMed, SCHILLER, Shenzhen Mindray Bio-Medical Electronics Co., Ltd., Smiths Group plc, Ventec Life Systems, Ventinova Medical, VYAIRE MEDICAL, INC.,

WEINMANN Emergency Medical Technology GmbH + Co. KG, ZOLL Medical Corporation

Non-Healthcare Companies

Dyson Ltd, Ford Motor Company, General Motors Company, Maruti Suzuki India Limited, Virgin Orbit

Key Questions Answered:

What are the product types offered by the key players within the global ventilator market?

What was the total installed base of ventilators, by country, in 2019?

What is the change witnessed in the growth rate of the global ventilator market from pre-COVID to post-COVID scenario?

What are the key developmental strategies which are implemented by the key players to sustain in the competitive market?

What are the strategies opted by the healthcare and non-healthcare companies amidst coronavirus pandemic to meet the high demand for ventilators?

What are the opportunities and challenges faced by healthcare and non-healthcare companies within the global ventilator market?

What was the market share of each of the companies in mechanical ventilator and non-invasive ventilator segments of the global ventilator market in 2019?

What are the pricing trends of ventilators in the last five years?

What are the major regulatory changes taking place in the global ventilator market pre-COVID-19, during COVID-19, and post-COVID-19? How are these changes expected to impact the global ventilator market in the future?

How is the industry expected to evolve during the forecast period, 2021-2030?

What will be the impact on the products that have been awarded emergency use

authorization (EUA) during the COVID-19 pandemic, once the pandemic is over?

How has the supply and demand of the ventilator changed during the COVID-19 phase in contrast to the pre-COVID-19 phase?

What is the market value estimates of the leading segments of the global ventilator market in 2030?

What is the change witnessed in the growth rate of the global ventilator market from pre-COVID to post-COVID scenario?

What are the major driving factors, challenges, and opportunities for the global ventilator market? What will be the impact of these factors once the COVID-19 pandemic is over?

What is the growth potential of the global ventilator market in each region, including North America, Europe, Asia-Pacific, and Rest-of-the-World?

What impact of large ventilator inventories on the global ventilator market is expected once the COVID-19 pandemic is over?

Market Overview

The global ventilator market is witnessing an exponential rise in the size of the market due to the ongoing COVID-19 pandemic. The overall market was estimated to be \$1,072 million in FY 2018, and it was expected to grow at a CAGR of 7.1% in the pre-COVID scenario. However, the COVID-19 pandemic has resulted in an extensive rise in the ventilator demand and has increased the growth rate by up to 172% in 2020. Presently, more than 45 companies are operating in this market, including already exiting healthcare companies and emerging non-healthcare companies. The maximum number of installed ventilators are in the U.S., followed by China and India. However, there is still a requirement for an additional 85,000 ventilators to cope with the COVID-19 pandemic. This demand and supply deficit of ventilators worldwide has led to major changes within the dynamics of the global ventilator market.

Moreover, to cope with the rising demand for ventilators, regulatory bodies across different regions, such as the Food and Drug Administration (FDA), Health Canada, and

Therapeutics Goods Administration (TGA), have taken unprecedented steps. For instance, in March 2020 FDA declared COVID-19 pandemic as a public emergency and authorized anesthesia gas machines, continuous positive airway pressure (CPAP), and other sleep apnea devices as alternative ventilators under emergency use authorization (EUA). Furthermore, in April 2020, the TGA published a document stating the minimum requirements to be met by medical devices to be used as alternative ventilators.

Our healthcare experts are continuously analyzing the impact of regulatory and industrial decisions on the global ventilator market. The market is driven by certain factors, which include the rising incidence of respiratory diseases, high rate of premature births, rising demand for critical care in the geriatric population, and government initiatives for boosting the ventilator production.

The market is favored by the development of low-cost ventilator products and partnerships between healthcare and non-healthcare companies for scaling up the ventilator production.

Within the research report, the market is segmented based on product type, modality, patient age, end user and regional analysis. Each of these segments covers the snapshot of the market over the projected years, the inclination of the market revenue, underlying patterns, and trends by using analytics on the primary and secondary data obtained.

Contents

EXECUTIVE SUMMARY

1 PRODUCT DEFINITION

2 RESEARCH SCOPE

- 2.1 Research Scope
- 2.2 Exclusion Criteria of the Report
- 2.3 Key Questions Answered by the Research Study

3 REPORT METHODOLOGY

- 3.1 Primary Data Sources
- 3.2 Secondary Data Sources
- 3.3 Market Estimation Model
- 3.4 Data Sources Categorization
- 3.5 Selection Criteria for Company Profiles
- 3.6 Assumptions and Limitations

4 MARKET OVERVIEW

- 4.1 Overview of Ventilators
- 4.2 Global Installed Base of the Ventilators
- 4.3 Global Ventilator Market Scenario

5 COMPETITIVE ANALYSIS

- 5.1 Market Share Analysis
 - 5.1.1 Market Share Analysis for the Global Mechanical Ventilators Market
 - 5.1.2 Market Share Analysis for the Global Non-Invasive Ventilators Market
- 5.2 Product Mapping Analysis
- 5.3 Key Strategies and Developments
 - 5.3.1 Product Approvals and Launches
 - 5.3.2 Synergistic Activities (Joint Ventures, Collaborations, and Partnerships)
 - 5.3.3 Funding
 - 5.3.4 Product Upgradation and Corrective Actions
 - 5.3.5 Acquisitions

- 5.4 Types of Company Entering the Market
 - 5.4.1 Healthcare Companies
 - 5.4.2 Non-Healthcare Companies
- 5.5 Opportunities and Challenges for Companies
 - 5.5.1 Healthcare Companies
 - 5.5.2 Non-Healthcare Companies
- 5.6 Pricing Analysis

6 INDUSTRY ANALYSIS

- 6.1 Patent Analysis
 - 6.1.1 Patent Filing Trend, Pre-COVID Phase (January 2015-March 2020)
- 6.2 Regulatory Framework and Government Initiatives
 - 6.2.1 Comparison of the Pre-COVID-19 and Post-COVID-19 Regulations
 - 6.2.1.1 Regulations in North America
 - 6.2.1.1.1 Food and Drug Administration (FDA)
 - 6.2.1.1.2 Health Canada
 - 6.2.1.2 Regulations in Europe
 - 6.2.1.3 Regulations in Asia-Pacific
 - 6.2.1.3.1 National Medical Products Administration (NMPA)
 - 6.2.1.3.2 Pharmaceutical and Medical Device Agency (PMDA)
 - 6.2.1.3.3 The Central Drug Standard Control Organization (CDSCO)
 - 6.2.1.3.4 Therapeutic Goods Administration (TGA)
 - 6.2.1.3.5 Health Science Authority (HSA)
 - 6.2.1.4 Regulations in Latin America
 - 6.2.2 Emergency Use Authorization (EUA)
- 6.3 Supply and Demand Analysis
 - 6.3.1 Global Supply and Demand
 - 6.3.1.1 Pre-COVID
 - 6.3.1.2 Post-COVID
 - 6.3.2 Component Supply Chain
 - 6.3.3 Tear-Down Analysis of Ventilator Costing

7 GLOBAL VENTILATOR MARKET SIZING AND FORECAST

- 7.1 Market Dynamics
 - 7.1.1 Growth Promoting Factors
 - 7.1.1.1 Increasing Respiratory Disease Incidences
 - 7.1.1.2 Rising Geriatric Population

- 7.1.1.3 Increase in Number of ICU Beds
- 7.1.1.4 High Number of Premature Births
- 7.1.1.5 Government and Organizational Initiatives to Boost Ventilator Production
- 7.1.2 Growth Inhibiting Factors
 - 7.1.2.1 Complications and Side-Effects Associated with Ventilators Usage
 - 7.1.2.2 Lack of Trained Medical Staff
- 7.2 Impact Analysis
- 7.3 Growth Opportunities
 - 7.3.1 Coronavirus Outbreak Leading to Rising Global Ventilator Demand
 - 7.3.2 Increasing Requirement of Portable Ventilators for Homecare and Emergency Usage
 - 7.3.3 Development of Digital Education and Training Tool

8 GLOBAL VENTILATOR MARKET (BY PRODUCT TYPE)

- 8.1 Intensive Care Ventilator
- 8.2 Portable Ventilator

9 GLOBAL VENTILATOR MARKET (BY MODALITY)

- 9.1 Non-Invasive Ventilation
- 9.2 Invasive Ventilation/Mechanical Ventilation

10 GLOBAL VENTILATOR MARKET (BY PATIENT AGE)

- 10.1 Pediatric and Neonates
- 10.2 Adult

11 GLOBAL VENTILATOR MARKET (BY END USER)

- 11.1 Hospitals and Specialty Clinics
- 11.2 Emergency Medical Services
- 11.3 Homecare

12 GLOBAL VENTILATOR MARKET (BY REGION)

- 12.1 North America Ventilator Market
 - 12.1.1 North America Ventilator Market (by Product Type)
 - 12.1.2 North America Ventilator Market (by Modality)

- 12.1.3 North America Ventilator Market (by Patient Age)
- 12.1.4 North America Ventilator Market (by End User)
- 12.1.5 North America Ventilator Market (by Country)
 - 12.1.5.1 U.S.
 - 12.1.5.1.1 U.S. Ventilator Market (by Product Type)
 - 12.1.5.1.2 U.S. Ventilator Market (by Modality)
 - 12.1.5.1.3 U.S. Ventilator Market (by Patient Age)
 - 12.1.5.1.4 U.S. Ventilator Market (by End User)
 - 12.1.5.2 Canada
 - 12.1.5.2.1 Canada Ventilator Market (by Product Type)
 - 12.1.5.2.2 Canada Ventilator Market (by Modality)
 - 12.1.5.2.3 Canada Ventilator Market (by Patient Age)
 - 12.1.5.2.4 Canada Ventilator Market (by End User)
- 12.2 Europe Ventilator Market
 - 12.2.1 Europe Ventilator Market (by Product Type)
 - 12.2.2 Europe Ventilator Market (by Modality)
 - 12.2.3 Europe Ventilator Market (by Patient Age)
 - 12.2.4 Europe Ventilator Market (by End User)
 - 12.2.5 Europe Ventilator Market (by Country)
 - 12.2.5.1 Germany
 - 12.2.5.1.1 Germany Ventilator Market (by Product Type)
 - 12.2.5.1.2 Germany Ventilator Market (by Modality)
 - 12.2.5.1.3 Germany Ventilator Market (by Patient Age)
 - 12.2.5.1.4 Germany Ventilator Market (by End User)
 - 12.2.5.2 The U.K.
 - 12.2.5.2.1 The U.K. Ventilator Market (by Product Type)
 - 12.2.5.2.2 The U.K. Ventilator Market (by Modality)
 - 12.2.5.2.3 The U.K. Ventilator Market (by Patient Age)
 - 12.2.5.2.4 The U.K. Ventilator Market (by End User)
 - 12.2.5.3 France
 - 12.2.5.3.1 France Ventilator Market (by Product Type)
 - 12.2.5.3.2 France Ventilator Market (by Modality)
 - 12.2.5.3.3 France Ventilator Market (by Patient Age)
 - 12.2.5.3.4 France Ventilator Market (by End User)
 - 12.2.5.4 Italy
 - 12.2.5.4.1 Italy Ventilator Market (by Product Type)
 - 12.2.5.4.2 Italy Ventilator Market (by Modality)
 - 12.2.5.4.3 Italy Ventilator Market by (Patient Age)
 - 12.2.5.4.4 Italy Ventilator Market (by End User)

12.2.5.5 Spain

12.2.5.5.1 Spain Ventilator Market (by Product Type)

12.2.5.5.2 Spain Ventilator Market (by Modality)

12.2.5.5.3 Spain Ventilator Market (By Patient Age)

12.2.5.5.4 Spain Ventilator Market (by End User)

12.2.5.6 Rest-of-Europe

12.2.5.6.1 Rest-of-Europe Ventilator Market (by Product Type)

12.2.5.6.2 Rest-of-Europe Ventilator Market (by Modality)

12.2.5.6.3 Rest-of-Europe Ventilator Market (by Patient Age)

12.2.5.6.4 Rest-of-Europe Ventilator Market (by End User)

12.3 Asia-Pacific Ventilator Market

12.3.1 Asia-Pacific Ventilator Market (by Product Type)

12.3.2 Asia-Pacific Ventilator Market (by Modality)

12.3.3 Asia-Pacific Ventilator Market (by Patient Age)

12.3.4 Asia-Pacific Ventilator Market (by End User)

12.3.5 Asia-Pacific Ventilator Market, (by Country)

12.3.5.1 China

12.3.5.1.1 China Ventilator Market (by Product Type)

12.3.5.1.2 China Ventilator Market (by Modality)

12.3.5.1.3 China Ventilator Market (by Patient Age)

12.3.5.1.4 China Ventilator Market (by End User)

12.3.5.2 Japan

12.3.5.2.1 Japan Ventilator Market (by Product Type)

12.3.5.2.2 Japan Ventilator Market (by Modality)

12.3.5.2.3 Japan Ventilator Market (by Patient Age)

12.3.5.2.4 Japan Ventilator Market (by End User)

12.3.5.3 India

12.3.5.3.1 India Ventilator Market (by Product Type)

12.3.5.3.2 India Ventilator Market (by Modality)

12.3.5.3.3 India Ventilator Market (by Patient Age)

12.3.5.3.4 India Ventilator Market (by End User)

12.3.5.4 South Korea

12.3.5.4.1 South Korea Ventilator Market (by Product Type)

12.3.5.4.2 South Korea Ventilator Market (by Modality)

12.3.5.4.3 South Korea Ventilator Market (by Patient Age)

12.3.5.4.4 South Korea Ventilator Market (by End User)

12.3.5.5 Singapore

12.3.5.5.1 Singapore Ventilator Market (by Product Type)

12.3.5.5.2 Singapore Ventilator Market (by Modality)

- 12.3.5.5.3 Singapore Ventilator Market (by Patient Age)
- 12.3.5.5.4 Singapore Ventilator Market (by End User)
- 12.3.5.6 Australia and New Zealand
 - 12.3.5.6.1 Australia and New Zealand Ventilator Market (by Product Type)
 - 12.3.5.6.2 Australia and New Zealand Ventilator Market (by Modality)
 - 12.3.5.6.3 Australia and New Zealand Ventilator Market (by Patient Age)
 - 12.3.5.6.4 Australia and New Zealand Ventilator Market (by End User)
- 12.3.5.7 Rest-of-Asia-Pacific
 - 12.3.5.7.1 Rest-of-Asia-Pacific Ventilator Market (by Product Type)
 - 12.3.5.7.2 Rest- of -Asia-Pacific Ventilator Market (by Modality)
 - 12.3.5.7.3 Rest-of-Asia-Pacific Ventilator Market (by Patient Age)
 - 12.3.5.7.4 Rest-of-Asia-Pacific Ventilator Market (by End User)
- 12.4 Rest-of-the-World Ventilator Market
 - 12.4.1 Rest-of-the-World Ventilator Market (by Product Type)
 - 12.4.2 Rest-of-the-World Ventilator Market (by Modality)
 - 12.4.3 Rest-of-the-World Ventilator Market (by Patient Age)
 - 12.4.4 Rest-of-the-World Ventilator Market (by End User)

13 COMPANY PROFILES

- 13.1 Aerobiosys Innovations Private Limited
 - 13.1.1 Company Overview
 - 13.1.2 Role of Aerobiosys Innovations Private Limited in the Global Ventilator Market
 - 13.1.3 Aerobiosys Innovations Private Limited in the COVID-19 Scenario
- 13.2 Air Liquide
 - 13.2.1 Company Overview
 - 13.2.2 Role of Air Liquide in the Global Ventilator Market
 - 13.2.3 Recent Developments
 - 13.2.4 Air Liquide Healthcare in the COVID-19 Scenario
- 13.3 Drägerwerk AG & Co. KGaA
 - 13.3.1 Company Overview
 - 13.3.2 Role of Drägerwerk AG & Co. KGaA in the Global Ventilator Market
 - 13.3.3 Recent Developments
 - 13.3.4 Drägerwerk AG & Co. KGaA in the COVID-19 Scenario
- 13.4 General Electric Company
 - 13.4.1 Company Overview
 - 13.4.2 Role of General Electric Company in the Global Ventilator Market
 - 13.4.3 Recent Developments
 - 13.4.4 GE Healthcare in the COVID-19 Scenario

13.5 Getinge AB

13.5.1 Company Overview

13.5.2 Role of Getinge AB in the Global Ventilator Market

13.5.3 Recent Developments

13.5.4 Getinge AB in the COVID-19 Scenario

13.6 Hamilton Medical

13.6.1 Company Overview

13.6.2 Role of Hamilton Medical in the Global Ventilator Market

13.6.3 Recent Developments

13.6.4 Hamilton Medical in the COVID-19 Scenario

13.7 Koninklijke Philips N.V

13.7.1 Company Overview

13.7.2 Role of Koninklijke Philips N.V. in the Global Ventilator Market

13.7.3 Recent Developments

13.7.4 Koninklijke Philips N.V. in the COVID-19 Scenario

13.8 L?wenstein Medical Innovation GmbH & Co. KG

13.8.1 Company Overview

13.8.2 Role of L?wenstein Medical Innovation GmbH & Co. KG in the Global Ventilator Market

13.8.3 Recent Development

13.8.4 L?wenstein Medical Innovation GmbH & Co. KG in the COVID-19 Scenario

13.9 Medtronic plc

13.9.1 Company Overview

13.9.2 Role of Medtronic plc in the Global Ventilator Market

13.9.3 Recent Developments

13.9.4 Medtronic plc in the COVID-19 Scenario

13.10 OneBreath Inc.

13.10.1 Company Overview

13.10.2 Role of OneBreath Inc. in the Global Ventilator Market

13.10.3 Recent Developments

13.10.4 OneBreath Inc. in the COVID-19 Scenario

13.11 Penlon Ltd

13.11.1 Company Overview

13.11.2 Role of Penlon Ltd in the Global Ventilator Market

13.11.3 Recent Developments

13.11.4 Penlon Ltd in the COVID-19 Scenario

13.12 ResMed

13.12.1 Company Overview

13.12.2 Role of ResMed. in the Global Ventilator Market

- 13.12.3 Recent Developments
- 13.12.4 ResMed in the COVID-19 Scenario
- 13.13 SCHILLER
 - 13.13.1 Company Overview
 - 13.13.2 Role of SCHILLER in the Global Ventilator Market
- 13.14 Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
 - 13.14.1 Company Overview
 - 13.14.2 Role of Shenzhen Mindray Bio-Medical Electronics Co., Ltd. in the Global Ventilator Market
 - 13.14.3 Recent Developments
 - 13.14.4 Shenzhen Mindray Bio-Medical Electronics Co. Ltd
- 13.15 Smiths Group plc
 - 13.15.1 Company Overview
 - 13.15.2 Role of Smiths Group plc in the Global Ventilator Market
 - 13.15.3 Smiths Medical, Inc. in the COVID-19 Scenario
- 13.16 Ventec Life Systems
 - 13.16.1 Company Overview
 - 13.16.2 Role of Ventec Life Systems in the Global Ventilator Market
 - 13.16.3 Recent Developments
 - 13.16.4 Ventec Life Systems in the COVID-19 Scenario
- 13.17 Ventinova Medical
 - 13.17.1 Company Overview
 - 13.17.2 Role of Ventinova Medical in the Global Ventilator Market
 - 13.17.3 Recent Developments
 - 13.17.4 Ventinova Medical in the COVID-19 Scenario
- 13.18 VYAIRE MEDICAL, INC.
 - 13.18.1 Company Overview
 - 13.18.2 Role of VYAIRE MEDICAL, INC. in the Global Ventilator Market
 - 13.18.3 Recent Developments
 - 13.18.4 VYAIRE MEDICAL, INC. in the COVID-19 Scenario
- 13.19 WEINMANN Emergency Medical Technology GmbH + Co. KG
 - 13.19.1 Company Overview
 - 13.19.2 Role of WEINMANN Emergency Medical Technology GmbH + Co. KG in the Global Ventilator Market
 - 13.19.3 Recent Developments
 - 13.19.4 WEINMANN Emergency Medical Technology GmbH + Co. KG in the COVID-19 Scenario
- 13.20 ZOLL Medical Corporation
 - 13.20.1 Company Overview

13.20.2 Role of ZOLL Medical Corporation in the Global Ventilator Market

13.20.3 Recent Developments:

13.20.4 ZOLL Medical Corporation in the COVID-19 Scenario

13.21 Non-Healthcare Companies

13.21.1 Dyson Ltd.

13.21.1.1 Company Overview

13.21.1.2 Role of Dyson Ltd. in the Global Ventilator Market in the COVID-19

Scenario

13.21.2 Ford Motor Company

13.21.2.1 Company Overview

13.21.2.2 Role of Ford Motor Company in the Global Ventilator Market in the COVID-19 Scenario

13.21.3 General Motors Company

13.21.3.1 Company Overview

13.21.3.2 Role of General Motor Company in the Global Ventilator Market in the COVID-19 Scenario

13.21.4 Maruti Suzuki India Limited

13.21.4.1 Company Overview

13.21.4.2 Role of Maruti Suzuki India Limited in the Global Ventilator Market in the COVID-19 Scenario

13.21.5 Virgin Orbit (Subsidiary of Virgin Group)

13.21.5.1 Company Overview

13.21.5.2 Role of Virgin Orbit in Global Ventilator Market in the COVID-19 Scenario

List Of Tables

LIST OF TABLES

Table 5.1: Features and Price Range of Key Products offered by Companies in the Global Ventilator Market

Table 5.2: Heat Map Analysis of Ventilators, (by Modality)

Table 5.3: Heat Map Analysis of Ventilators, (by Mode)

Table 5.4: Key Products Offered by the Healthcare Companies within the Global Ventilator Market

Table 5.5: Companies and their Committed Capacities of Ventilators in the Corona Virus Pandemic

Table 6.1: European Commission Medical Device Directives

Table 6.2: Federal Agencies of EU Member States

Table 6.3: Regulatory Bodies in Asia-Pacific

Table 6.4: Traditional and New Source of Component Supply Chain

Table 6.5: Price Range and Manufacturers of Ventilator Components

Table 7.1: Number of ICU beds in the U.S. (Year-wise)

Table 7.2: Top Ten Countries with Highest Premature Births in 2018

Table 13.1: Key Features and Price Range of Aerobiosys Innovations Private Limited Ventilator

Table 13.2: Key Features and Price Range of Air Liquide Healthcare Ventilators

Table 13.3: Key Features and Price Range of Drägerwerk AG & Co. KGaA Ventilators

Table 13.4: Key Features and Price Range of GE Healthcare Ventilator

Table 13.5: Key Features and Price Range of Getinge AB Ventilators

Table 13.6: Key Features and Price Range of Hamilton Medical Ventilators

Table 13.7: Key Features and Price Range of Koninklijke Philips N.V. Ventilators

Table 13.8: Key Features and Price Range of Löwenstein Medical Innovation GmbH & Co. KG Ventilators

Table 13.9: Key Features and Price Range of Medtronic plc Ventilators

Table 13.10: Key Features and Price Range of OneBreath Inc. Ventilator

Table 13.11: Key Features and Price Range of Penlon Ltd Ventilators

Table 13.12: Key Features and Price Range of ResMed. Ventilators

Table 13.13: Key Features and Price Range of SCHILLER Ventilators

Table 13.14: Key Features and Price Range of Shenzhen Mindray Bio-Medical Electronics Co., Ltd. Ventilators

Table 13.15: Key Features and Price Range of Smiths Medical, Inc. Ventilator

Table 13.16: Key Features and Price Range of Ventec Life Systems Ventilator

Table 13.17: Key Features and Price Range of Ventinova Medical Ventilators

Table 13.18: Key Features and Price Range of VYAIRE MEDICAL, INC. Ventilators

Table 13.19: Key Features and Price Range of WEINMANN Emergency Medical
Technology GmbH + Co. KG Ventilators

Table 13.20: Key Features and Price Range of ZOLL Medical Corporation Ventilators

List Of Figures

LIST OF FIGURES

- Figure 1: Percentage of COVID-19 Infected Population Requiring Ventilator
- Figure 2: Surge in the Demand for Ventilators During COVID-19 Pandemic
- Figure 3: Increasing Demand for Ventilators in the COVID-19 Scenario
- Figure 4: Global Ventilator Market (Pre-COVID-19), 2019-2030
- Figure 5: Global Ventilator Market (Post-COVID-19), 2019-2030
- Figure 6: Major Companies Ramping-Up Ventilator Production
- Figure 7: Growth Promoting and Growth Inhibiting Factors of Global Ventilator Market
- Figure 8: Global Ventilator Market: Regulatory Landscape
- Figure 9: Global Ventilator Market: Patent Analysis (by Year of Filing, January 2015-March 2020)
- Figure 10: Global Ventilator Market (Product Type), 2019 and 2030
- Figure 11: Global Ventilator Market (by Modality), 2019 and 2030
- Figure 12: Global Ventilator Market (by End User), 2019 and 2030
- Figure 13: Global Ventilator Market (by Region), 2019
- Figure 2.1: Global Ventilator Market Segmentation
- Figure 3.1: Global Ventilator Market Research Methodology
- Figure 3.2: Primary Research
- Figure 3.3: Secondary Research
- Figure 3.4: Bottom-Up Approach (Segment-Wise Analysis)
- Figure 3.5: Top-Down Approach (Segment-Wise Analysis)
- Figure 3.6: Total Number of Healthcare Company Profiles
- Figure 3.7: Total Number of Non-Healthcare Company Profiles
- Figure 3.8: Assumptions and Limitations
- Figure 4.1: Coronavirus (Spread, Symptoms, Susceptibility, Preventive Measures)
- Figure 4.2: Installed Base of Ventilators, 2019
- Figure 4.3: Global Availability of Ventilators Per Million Population, 2019
- Figure 4.4: Market Landscape of Global Ventilator Market
- Figure 5.1: Global Ventilators Market Share Analysis, (Mechanical), 2019
- Figure 5.2: Global Ventilators Market Share Analysis, (Non-Invasive), 2019
- Figure 5.3: Companies with Highest Share of Ventilators Compatible for all Age-Group Usage (Top Three Companies)
- Figure 5.4: Companies with Highest Share of Homecare Ventilators (Top Three Companies)
- Figure 5.5: Companies Offering Highest Number of Portable Ventilators (Top Three Companies)

Figure 5.6: Global Ventilator Market, (by Key Development and Strategy), January 2016-March 2020

Figure 5.7: Global Ventilator Market, (Product Approvals and Launches), January 2016-March 2020

Figure 5.8: Global Ventilator Market, (Synergistic Activities: Joint Ventures, Collaborations, and Partnerships), January 2016-March 2020

Figure 5.9: Global Ventilator Market, (Funding), January 2016-March 2020

Figure 5.10: Global Ventilator Market, (Product Upgradation and Corrective Actions), January 2016-March 2020

Figure 5.11: Global Ventilator Market, (Acquisition), January 2016-March 2020

Figure 5.12: Major Companies Ramping-Up the Ventilator Production

Figure 5.13: Major Challenges in Ramping-Up Production and Possible Solutions

Figure 5.14: Opportunities and Challenges for the Healthcare Companies

Figure 5.15: Opportunities and Challenges for the Non-Healthcare Companies

Figure 5.16: Price Range of Products Offered by Key Players in the Global Ventilator Market

Figure 5.17: Global Ventilator Pricing Trend (\$), 2015-2019

Figure 6.1: Global Ventilator Market: Patent Analysis (by Year of Filing, January 2015-March 2020)

Figure 6.2: Risk Assessment of Medical Devices

Figure 6.3: Global Ventilator Market: Regulatory Landscape

Figure 6.4: FDA Regulatory Pathway for Medical Device

Figure 6.5: FDA Regulations Modification: Pre-COVID-19 Phase to Post-COVID-19 Phase

Figure 6.6: Health Canada Regulatory Pathway for Medical Device

Figure 6.7: Health Canada Regulations Modification: Pre-COVID-19 Phase to Post COVID-19 Phase

Figure 6.8: EU Regulatory Pathway for Medical Device

Figure 6.9: European Commission Regulations Modification: Pre-COVID-19 Phase to Post-COVID-19 Phase

Figure 6.10: NMPA Regulatory Pathway for Medical Device

Figure 6.11: NMPA Regulations Modification: Pre-COVID-19 Phase to Post-COVID-19 Phase

Figure 6.12: PMDA Regulatory Pathway for Medical Device

Figure 6.13: PMDA Regulations Modification: Pre-COVID-19 Phase to Post-COVID-19 Phase

Figure 6.14: CDSCO Regulatory Pathway for Medical Device

Figure 6.15: CDSCO Regulations Modification: Pre-COVID-19 Phase to Post-COVID-19 Phase

Figure 6.16: TGA Regulatory Pathway for Medical Device

Figure 6.17: TGA Regulations Modification: Pre-COVID-19 Phase to Post-COVID-19 Phase

Figure 6.18: HSA Regulatory Pathway for Medical Device

Figure 6.19: HSA Regulations Modification: Pre-COVID-19 Phase to Post-COVID-19 Phase

Figure 6.20: Emergency Use Procedures During COVID-19

Figure 6.21: Value Chain for Ventilators

Figure 6.22: Demand-Supply Gap in Ventilators (by June End)

Figure 7.1: Prevalence of COPD and Asthma in Key Countries, 2015-2017

Figure 7.2: Rising Number of Respiratory Infections in the COVID-19 Pandemic

Figure 7.3: Pre-COVID-19 and Post-COVID-19 Demand Surge of Ventilators

Figure 7.4: Geriatric Population (60 years and above) Worldwide in Different Regions, 2000, 2015, 2030, and 2050

Figure 7.5: Post-COVID Impact on Geriatric Population

Figure 7.6: Capacity Gap of ICU Beds Post-COVID-19

Figure 7.7: Regulatory Scenario in Pre-COVID-19 and Post-COVID-19 Situation

Figure 7.8: Scenario of Ventilator-Associated Pneumonia in Pre-COVID-19 and During-COVID

Figure 7.9: Scenario of Trained Medical Staff in Pre-COVID-19 and During-COVID-19

Figure 7.10: Impact Analysis: Growth Promoting Factors and Inhibiting Factors

Figure 7.11: Impact on Mortality Rate with Respect to Ventilator Availability

Figure 7.12: Features and Benefits of Ventilator Training Alliance Universal Platform

Figure 8.1: Global Ventilator Market (by Product Type)

Figure 8.2: Global Ventilator Market (by Product Type) 2019-2030

Figure 8.3: Global Intensive Care Ventilator Market, 2019-2030

Figure 8.4: Global Portable Ventilator Market, 2019-2030

Figure 9.1: Global Ventilator Market (by Modality)

Figure 9.2: Global Ventilator Market (by Modality), 2019-2030

Figure 9.3: Global Non-Invasive Ventilation Market, 2019-2030

Figure 9.4: Global Invasive/Mechanical Ventilation Market, 2019-2030

Figure 10.1: Global Ventilator Market (by Patient Age)

Figure 10.2: Global Ventilator Market (by Patient Age), 2019-2030

Figure 10.3: Global Ventilator Market for Pediatric and Neonates, 2019-2030

Figure 10.4: Global Ventilator Market for Adult, 2019-2030

Figure 11.1: Global Ventilator Market (by End User)

Figure 11.2: Global Ventilator Market (by End User), 2019-2030

Figure 11.3: Global Ventilator Market in Hospitals and Speciality Clinics, 2019-2030

Figure 11.4: Global Ventilator Market in Emergency Medical Services, 2019-2030

- Figure 11.5: Global Ventilator Market in Homecare, 2019-2030
- Figure 12.1: Global Ventilator Market (by Region), 2019
- Figure 12.2: Global Ventilator Market (by Region), 2019-2030
- Figure 12.3: North America Ventilator Market, 2019-2030
- Figure 12.4: North America: Market Dynamics
- Figure 12.5: North America Ventilator Market (by Product Type), 2019-2030
- Figure 12.6: North America Ventilator Market (by Modality), 2019-2030
- Figure 12.7: North America Ventilator Market (by Patient Age), 2019-2030
- Figure 12.8: North America Ventilator Market (by End User), 2019-2030
- Figure 12.9: North America Ventilator Market (by Country), 2019 and 2030
- Figure 12.10: U.S. Ventilator Market, 2019-2030
- Figure 12.11: FDA Action Timeline for COVID-19
- Figure 12.12: U.S. Ventilator Market (by Product Type), 2019-2030
- Figure 12.13: U.S. Ventilator Market (by Modality), 2019-2030
- Figure 12.14: U.S. Ventilator Market (by Patient Age), 2019-2030
- Figure 12.15: U.S. Ventilator Market (by End User), 2019-2030
- Figure 12.16: Canada Ventilator Market, 2019-2030
- Figure 12.17: Canada Ventilator Market (by Product Type), 2019-2030
- Figure 12.18: Canada Ventilator Market (by Modality), 2019-2030
- Figure 12.19: Canada Ventilator Market (by Patient Age), 2019-2030
- Figure 12.20: Canada Ventilator Market (by End User), 2019-2030
- Figure 12.21: Europe Ventilator Market, 2019-2030
- Figure 12.22: Europe: Market Dynamics
- Figure 12.23: Europe Ventilator Market (by Modality), 2019-2030
- Figure 12.24: Europe Ventilator Market (by Patient Age), 2019-2030
- Figure 12.25: Europe Ventilator Market (by End User), 2019-2030
- Figure 12.26: Europe Ventilator Market (by Country), 2019 and 2030
- Figure 12.27: Germany Ventilator Market, 2019-2030
- Figure 12.28: Germany Ventilator Market (by Product Type), 2019-2030
- Figure 12.29: Germany Ventilator Market (by Modality), 2019-2030
- Figure 12.30: Germany Ventilator Market (by Patient Age), 2019-2030
- Figure 12.31: Germany Ventilator Market (by End User), 2019-2030
- Figure 12.32: U.K. Ventilator Market, 2019-2030
- Figure 12.33: MHRA Action Timeline Amidst COVID-19 Pandemic
- Figure 12.34: The U.K. Ventilator Market (by Product Type), 2019-2030
- Figure 12.35: The U.K. Ventilator Market (by Modality), 2019-2030
- Figure 12.36: The U.K. Ventilator Market (by Patient Age), 2019-2030
- Figure 12.37: The U.K. Ventilator Market (by End User), 2019-2030
- Figure 12.38: France Ventilator Market, 2019-2030

- Figure 12.39: France Ventilator Market (by Product Type), 2019-2030
- Figure 12.40: France Ventilator Market (by Modality), 2019-2030
- Figure 12.41: France Ventilator Market (by Patient Age), 2019-2030
- Figure 12.42: France Ventilator Market (by End User), 2019-2030
- Figure 12.43: Italy Ventilator Market, 2019-2030
- Figure 12.44: Italy Ventilator Market (by Product Type), 2019-2030
- Figure 12.45: Italy Ventilator Market (by Modality), 2019-2030
- Figure 12.46: Italy Ventilator Market (by Patient Age), 2019-2030
- Figure 12.47: Italy Ventilator Market (by End User), 2019-2030
- Figure 12.48: Spain Ventilator Market, 2019-2030
- Figure 12.49: Spain Ventilator Market (by Product Type), 2019-2030
- Figure 12.50: Spain Ventilator Market (by Modality), 2019-2030
- Figure 12.51: Spain Ventilator Market (by Patient Age), 2019-2030
- Figure 12.52: Spain Ventilator Market (by End User), 2019-2030
- Figure 12.53: Rest-of-Europe Ventilator Market, 2019-2030
- Figure 12.54: Rest-of-Europe Ventilator Market (by Product Type), 2019-2030
- Figure 12.55: Rest-of-Europe Ventilator Market (by Modality), 2019-2030
- Figure 12.56: Rest-of-Europe Ventilator Market (by Patient Age), 2019-2030
- Figure 12.57: Rest-of-Europe Ventilator Market (by End User), 2019-2030
- Figure 12.58: Asia-Pacific Ventilator Market, 2019-2030
- Figure 12.59: Asia-Pacific: Market Dynamics
- Figure 12.60: Asia-Pacific Ventilator Market (by Product Type), 2019-2030
- Figure 12.61: Asia-Pacific Ventilator Market (by Modality), 2019-2030
- Figure 12.62: Asia-Pacific Ventilator Market (by Patient Age), 2019-2030
- Figure 12.63: Asia-Pacific Ventilator Market (by End User), 2019-2030
- Figure 12.64: Asia-Pacific Ventilator Market (by Country), 2019 and 2030
- Figure 12.65: China Ventilator Market, 2019-2030
- Figure 12.66: China Ventilator Market (by Product Type), 2019-2030
- Figure 12.67: China Ventilator Market (by Modality), 2019-2030
- Figure 12.68: China Ventilator Market (by Patient Age), 2019-2030
- Figure 12.69: China Ventilator Market (by End User), 2019-2030
- Figure 12.70: Japan Ventilator Market, 2019-2030
- Figure 12.71: Japan Ventilator Market (by Product Type), 2019-2030
- Figure 12.72: Japan Ventilator Market (by Modality), 2019-2030
- Figure 12.73: Japan Ventilator Market (by Patient Age), 2019-2030
- Figure 12.74: Japan Ventilator Market (by End User), 2019-2030
- Figure 12.75: India Ventilator Market, 2019-2030
- Figure 12.76: Regulatory Workflow for Importing Medical Devices
- Figure 12.77: India Ventilator Market (by Product Type), 2019-2030

- Figure 12.78: India Ventilator Market (by Modality), 2019-2030
- Figure 12.79: India Ventilator Market (by Patient Age), 2019-2030
- Figure 12.80: India Ventilator Market (by End User), 2019-2030
- Figure 12.81: South Korea Ventilator Market, 2019-2030
- Figure 12.82: South Korea Ventilator Market (by Product Type), 2019-2030
- Figure 12.83: South Korea Ventilator Market (by Modality), 2019-2030
- Figure 12.84: South Korea Ventilator Market (by Patient Age), 2019-2030
- Figure 12.85: South Korea Ventilator Market (by End User), 2019-2030
- Figure 12.86: Singapore Ventilator Market, 2019-2030
- Figure 12.87: Singapore Ventilator Market (by Product Type), 2019-2030
- Figure 12.88: Singapore Ventilator Market (by Modality), 2019-2030
- Figure 12.89: Singapore Ventilator Market (by Patient Age), 2019-2030
- Figure 12.90: Singapore Ventilator Market (by End User), 2019-2030
- Figure 12.91: Australia and New Zealand Ventilator Market, 2019-2030
- Figure 12.92: Australia and New Zealand Ventilator Market (by Product Type), 2019-2030
- Figure 12.93: Australia and New Zealand Ventilator Market (by Modality), 2019-2030
- Figure 12.94: Australia and New Zealand Ventilator Market (by Patient Age), 2019-2030
- Figure 12.95: Australia and New Zealand Ventilator Market (by End User), 2019-2030
- Figure 12.96: Rest-of-Asia-Pacific Ventilator Market, 2019-2030
- Figure 12.97: Rest-of-Asia-Pacific Ventilator Market (by Product Type), 2019-2030
- Figure 12.98: Rest-of-Asia-Pacific Ventilator Market (by Modality), 2019-2030
- Figure 12.99: Rest-of-Asia-Pacific Ventilator Market (by Patient Age), 2019-2030
- Figure 12.100: Rest-of-Asia-Pacific Ventilator Market (by End User), 2019-2030
- Figure 12.101: Rest-of-the-World Ventilator Market, 2019-2030
- Figure 12.102: Rest-of-the-World: Market Dynamics
- Figure 12.103: Rest-of-the-World Ventilator Market (by Product Type), 2019-2030
- Figure 12.104: Rest-of-the-World Ventilator Market (by Modality), 2019-2030
- Figure 12.105: Rest-of-the-World Ventilator Market (by Patient Age), 2019-2030
- Figure 12.106: Rest-of-the-World Ventilator Market (by End User), 2019-2030
- Figure 13.1: Aerobiosys Innovations Private Limited: Overall Product Portfolio
- Figure 13.2: Air Liquide: Overall Product Portfolio
- Figure 13.3: Drägerwerk AG & Co. KGaA: Overall Product Portfolio
- Figure 13.4: GE Healthcare: Overall Product Portfolio
- Figure 13.5: Getinge AB: Overall Product Portfolio
- Figure 13.6: Hamilton Medical: Overall Product Portfolio
- Figure 13.7: Koninklijke Philips N.V.: Overall Product Portfolio
- Figure 13.8: L?wenstein Medical Innovation GmbH & Co. KG: Overall Product Portfolio
- Figure 13.9: Medtronic plc: Overall Product Portfolio

Figure 13.10: OneBreath Inc.: Overall Product Portfolio

Figure 13.11: Penlon Ltd: Overall Product Portfolio

Figure 13.12: ResMed.: Overall Product Portfolio

Figure 13.13: SCHILLER: Overall Product Portfolio

Figure 13.14: Shenzhen Mindray Bio-Medical Electronics Co., Ltd.: Overall Product Portfolio

Figure 13.15: Smiths Group plc.: Overall Product Portfolio

Figure 13.16: Ventec Life Systems.: Overall Product Portfolio

Figure 13.17: Ventinova Medical: Overall Product Portfolio

Figure 13.18: VYAIRE MEDICAL, INC.: Overall Product Portfolio

Figure 13.19: WEINMANN Emergency Medical Technology GmbH + Co. KG: Overall Product Portfolio

Figure 13.20: ZOLL Medical Corporation: Overall Product Portfolio

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