

# Global Dehydrating Breather Market Size study & Forecast, by Type (Conventional Breather, Self-Dehydrating Breather) by Desiccant Volume (4.0 kg), by Industry Vertical (Utilities, Industrial, Heavy-Duty Vehicle, Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G3FFF985D452EN.html>

Date: August 2023

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G3FFF985D452EN

## Abstracts

Global Dehydrating Breather Market is valued approximately USD XXX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. A dehydrating breather, also known as a silica gel breather or a moisture absorber, is a device used in electrical power transformers to maintain the integrity of the insulating oil by preventing the entry of moisture and other contaminants. Transformers contain insulating oil that helps in the cooling and insulation of the electrical components. Moisture is a major concern for transformer insulation as it can reduce the dielectric strength of the oil and accelerate the aging process of the transformer. A dehydrating breather is installed on the transformer's conservator tank, which is connected to the main transformer tank. The breather contains a desiccant material, such as silica gel, which absorbs moisture from the air. The key factors driving the market growth is rising investments in transmission infrastructure, growing demand for transformers, and growing requirement for protection of equipment that anticipated to create the lucrative demand for the market during forecast period 2023-2030.

Moreover, the rising investments in transmission infrastructure play a significant role in supporting the growth of the dehydrating breather market. Dehydrating breathers are devices used in electrical transformers to remove moisture and impurities from the air inside the transformer, thus maintaining its dielectric strength and extending its lifespan. Thus, the rising investment in transmission infrastructure is anticipated to support the market growth. For instance, in Nov. 2022, The Indian government announced that it will spend 2.8 trillion (\$34.2 billion) by 2030 to build an interstate transmission system

(ISTS) to transport renewable energy. Up till 2026–2027, an amount of INR 1.4 trillion has already been allocated. There is additional work to be done after that. Additionally, cohesive government initiative for efficient and power saving systems is anticipated to create the lucrative opportunity for the market during forecast period. However, the availability substitutes for dehydrating breathers and higher maintenance cost stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Dehydrating Breather Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the presence of a large number of the manufacturing sector in this region followed by growing infrastructure development, rising investments in the power transmission sector, and upgrades in existing distribution infrastructure to meet demand for electricity. North America is expected to grow significantly during the forecast period, owing to factors such as growing investments in renewable power-based grid integration. Also, increase in demand for electricity without any breakdown or failure is anticipated to propel the demand for dehydrating breather in this region.

Major market player included in this report are:

Des-Case

Siemens

Maschinenfabrik Reinhausen

Hubbell

Qualitrol Corporation

BTRAC Ltd

ABB

Maier GmbH

HAMP

AGM Container Controls Inc

Recent Developments in the Market:

In March 2020, The Lion E Mobility AG (LION) and Sogefi (SOGEFI) are announce that they have come to an agreement that combines LION's technological expertise in Battery Management Systems and Module design with SOGEFI's industrial use capability in engineering and manufacturing of high-tech automotive cooling components, in addition to access to SOGEFI's global sales and distribution capabilities.

Global Dehydrating Breather Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Desiccant Volume, Industry Vertical, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Conventional Breather

Self-Dehydrating Breather

By Desiccant Volume:

4.0 kg

By Industry Vertical:

Utilities

Industrial

Heavy-Duty Vehicle

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Dehydrating Breather Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. Dehydrating Breather Market, by Type, 2020-2030 (USD Billion)
  - 1.2.3. Dehydrating Breather Market, by Desiccant Volume, 2020-2030 (USD Billion)
  - 1.2.4. Dehydrating Breather Market, by Industry Vertical, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL DEHYDRATING BREATHER MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL DEHYDRATING BREATHER MARKET DYNAMICS**

- 3.1. Dehydrating Breather Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising Investments in the Transmission & Distribution Infrastructure
    - 3.1.1.2. Requirement for Protection of Equipment
  - 3.1.2. Market Challenges
    - 3.1.2.1. Substitutes for Dehydrating Breathers
    - 3.1.2.2. Higher Maintenance Cost
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Cohesive Government Initiative for Efficient and Power Saving Systems

### **CHAPTER 4. GLOBAL DEHYDRATING BREATHER MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL DEHYDRATING BREATHER MARKET, BY TYPE**

- 5.1. Market Snapshot
- 5.2. Global Dehydrating Breather Market by Type, Performance - Potential Analysis
- 5.3. Global Dehydrating Breather Market Estimates & Forecasts by Type 2020-2030 (USD Billion)
- 5.4. Dehydrating Breather Market, Sub Segment Analysis
  - 5.4.1. Conventional Breather
  - 5.4.2. Self-Dehydrating Breather

## **CHAPTER 6. GLOBAL DEHYDRATING BREATHER MARKET, BY DESICCANT VOLUME**

- 6.1. Market Snapshot
- 6.2. Global Dehydrating Breather Market by Desiccant Volume, Performance - Potential Analysis
- 6.3. Global Dehydrating Breather Market Estimates & Forecasts by Desiccant Volume 2020-2030 (USD Billion)

## 6.4. Dehydrating Breather Market, Sub Segment Analysis

### 6.4.1. 4.0 kg

## **CHAPTER 7. GLOBAL DEHYDRATING BREATHER MARKET, BY INDUSTRY VERTICAL**

### 7.1. Market Snapshot

### 7.2. Global Dehydrating Breather Market by Industry Vertical, Performance - Potential Analysis

### 7.3. Global Dehydrating Breather Market Estimates & Forecasts by Industry Vertical 2020-2030 (USD Billion)

### 7.4. Dehydrating Breather Market, Sub Segment Analysis

#### 7.4.1. Utilities

#### 7.4.2. Industrial

#### 7.4.3. Heavy-Duty Vehicle

#### 7.4.4. Others

## **CHAPTER 8. GLOBAL DEHYDRATING BREATHER MARKET, REGIONAL ANALYSIS**

### 8.1. Top Leading Countries

### 8.2. Top Emerging Countries

### 8.3. Dehydrating Breather Market, Regional Market Snapshot

### 8.4. North America Dehydrating Breather Market

#### 8.4.1. U.S. Dehydrating Breather Market

##### 8.4.1.1. Type breakdown estimates & forecasts, 2020-2030

##### 8.4.1.2. Desiccant Volume breakdown estimates & forecasts, 2020-2030

##### 8.4.1.3. Industry Vertical breakdown estimates & forecasts, 2020-2030

#### 8.4.2. Canada Dehydrating Breather Market

### 8.5. Europe Dehydrating Breather Market Snapshot

#### 8.5.1. U.K. Dehydrating Breather Market

#### 8.5.2. Germany Dehydrating Breather Market

#### 8.5.3. France Dehydrating Breather Market

#### 8.5.4. Spain Dehydrating Breather Market

#### 8.5.5. Italy Dehydrating Breather Market

#### 8.5.6. Rest of Europe Dehydrating Breather Market

### 8.6. Asia-Pacific Dehydrating Breather Market Snapshot

#### 8.6.1. China Dehydrating Breather Market

#### 8.6.2. India Dehydrating Breather Market

- 8.6.3. Japan Dehydrating Breather Market
- 8.6.4. Australia Dehydrating Breather Market
- 8.6.5. South Korea Dehydrating Breather Market
- 8.6.6. Rest of Asia Pacific Dehydrating Breather Market
- 8.7. Latin America Dehydrating Breather Market Snapshot
  - 8.7.1. Brazil Dehydrating Breather Market
  - 8.7.2. Mexico Dehydrating Breather Market
- 8.8. Middle East & Africa Dehydrating Breather Market
  - 8.8.1. Saudi Arabia Dehydrating Breather Market
  - 8.8.2. South Africa Dehydrating Breather Market
  - 8.8.3. Rest of Middle East & Africa Dehydrating Breather Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Des-Case
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. Siemens
  - 9.3.3. Maschinenfabrik Reinhausen
  - 9.3.4. Hubbell
  - 9.3.5. Qualitrol Corporation
  - 9.3.6. BTRAC Ltd
  - 9.3.7. ABB
  - 9.3.8. Maier GmbH
  - 9.3.9. HAMP
  - 9.3.10. AGM Container Controls Inc

## **CHAPTER 10. RESEARCH PROCESS**

- 10.1. Research Process



10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

12. List of Tables

TABLE 1. Global Dehydrating Breather Market, report scope

TABLE 2. Global Dehydrating Breather Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global Dehydrating Breather Market estimates & forecasts by Type 2020-2030 (USD Billion)

TABLE 4. Global Dehydrating Breather Market estimates & forecasts by Desiccant Volume 2020-2030 (USD Billion)

TABLE 5. Global Dehydrating Breather Market estimates & forecasts by Industry Vertical 2020-2030 (USD Billion)

TABLE 6. Global Dehydrating Breather Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Dehydrating Breather Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Dehydrating Breather Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Dehydrating Breather Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Dehydrating Breather Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Dehydrating Breather Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Dehydrating Breather Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Dehydrating Breather Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Dehydrating Breather Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Dehydrating Breather Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. U.S. Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 32. Italy Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Dehydrating Breather Market estimates & forecasts by segment

2020-2030 (USD Billion)

TABLE 37. RoE Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. RoE Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. China Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Dehydrating Breather Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Dehydrating Breather Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. 12. List of secondary sources, used in the study of global Dehydrating Breather Market

TABLE 71. 12. List of primary sources, used in the study of global Dehydrating Breather Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

12. List of figures

FIG 1. Global Dehydrating Breather Market, research methodology

FIG 2. Global Dehydrating Breather Market, Market estimation techniques

- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Dehydrating Breather Market, key trends 2022
- FIG 5. Global Dehydrating Breather Market, growth prospects 2023-2030
- FIG 6. Global Dehydrating Breather Market, porters 5 force model
- FIG 7. Global Dehydrating Breather Market, pest analysis
- FIG 8. Global Dehydrating Breather Market, value chain analysis
- FIG 9. Global Dehydrating Breather Market by segment, 2020 & 2030 (USD Billion)
- FIG 10. Global Dehydrating Breather Market by segment, 2020 & 2030 (USD Billion)
- FIG 11. Global Dehydrating Breather Market by segment, 2020 & 2030 (USD Billion)
- FIG 12. Global Dehydrating Breather Market by segment, 2020 & 2030 (USD Billion)
- FIG 13. Global Dehydrating Breather Market by segment, 2020 & 2030 (USD Billion)
- FIG 14. Global Dehydrating Breather Market, regional snapshot 2020 & 2030
- FIG 15. North America Dehydrating Breather Market 2020 & 2030 (USD Billion)
- FIG 16. Europe Dehydrating Breather Market 2020 & 2030 (USD Billion)
- FIG 17. Asia pacific Dehydrating Breather Market 2020 & 2030 (USD Billion)
- FIG 18. Latin America Dehydrating Breather Market 2020 & 2030 (USD Billion)
- FIG 19. Middle East & Africa Dehydrating Breather Market 2020 & 2030 (USD Billion)
- 12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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