

# **Global Refrigeration Leak Detector Market Size study, by Product Type (Halide Detector, Electronic Detector) by Operation (Hand-held, Benchtop) by End-Use (Industrial, Research & Academia, Maintenance Service Providers) and Regional Forecasts 2020-2027**

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## **Abstracts**

Global Refrigeration Leak Detector Market is valued approximately USD 95.21 million in 2019 and is anticipated to grow with a healthy growth rate of more than 3.20% over the forecast period 2020-2027. Refrigeration leak detectors or refrigerant detectors are devices that are used to check and contain the oozing of chemicals such as Hydrochlorofluorocarbons (HCFCs) and Chlorofluorocarbons (CFCs). Leakage of refrigerants in HVAC systems is inevitable owing to the presence of imperfect joints, fittings and welding points. Some of these leaks are as low as 1 oz every decade and are not critical to the operation of the system while other leaks are more fatal causing a drop in efficiency of the heating and cooling system. The extensive use of HVAC systems across all sectors ranging from commercial, residential and industrial drives the demand for Refrigerant leak detectors. As shown by the Japan Refrigeration and Air Conditioning Industry Association, the total AC demand in North America increased from 15.31 million units in 2017 to 15.58 million units in 2018. Major share of this demand belonged to the USA with 14.85 million units in 2017. Moreover, the increasing construction of buildings leads to the deployment of these detectors such as increasing in number of restaurants, supermarkets, cold storage facilities, catering facilities and more. Furthermore, Stringent Environmental Protocols catalyze the adoption of the detectors. As for the measurement of the level of individual contribution, the global warming potential (GWP) indicator was developed. Individual buildings need to comply to these indicators for safe operations. Also, the Montreal Protocol set the standards to annual per capital consumption and production of ozone depleting substances to less than 0.3 kg. These protocols propel building owners to install leak detectors to curb

emissions. However, lack of standardization regarding output levels impedes the growth of the market over the forecast period of 2020-2027. Although, technological advancements present a lucrative opportunity for the market.

The regional analysis of global Refrigeration Leak Detector market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the leading/significant region across the world in terms of market share owing to the early adoption of technology and well established infrastructure. Whereas, Asia-Pacific is also anticipated to exhibit highest growth rate / CAGR over the forecast period 2020-2027. Factors such as rapid industrialization and growth of trade and commerce would create lucrative growth prospects for the Refrigeration Leak Detector market across Asia-Pacific region.

**Major market player included in this report are:**

Elitech Technology Inc.

Fieldpiece Instruments Inc.

CPS Products Inc.

AGPTEK

MSA Safety

ACME Engineering Products Ltd.

KANE INTERNATIONAL LIMITED

Bacharach Inc.

Emerson Electric Co.

Robinair, Ritchie Engineering Inc

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within

each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Product Type:**

Halide Detector

Electronic Detector

**By Operation:**

Hand-held

Benchtop

**By End-Use:**

Industrial

Research &amp; Academia

Maintenance Service Providers

**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

## Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

**Target Audience of the Global Refrigeration Leak Detector Market in Market Study:**

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

## Contents

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

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Million)
  - 1.2.1. Refrigeration Leak Detector Market, by Region, 2018-2027 (USD Million)
  - 1.2.2. Refrigeration Leak Detector Market, by Product Type, 2018-2027 (USD Million)
  - 1.2.3. Refrigeration Leak Detector Market, by Operation, 2018-2027 (USD Million)
  - 1.2.4. Refrigeration Leak Detector Market, by End-Use, 2018-2027 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL REFRIGERATION LEAK DETECTOR MARKET DEFINITION AND SCOPE**

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

### **CHAPTER 3. GLOBAL REFRIGERATION LEAK DETECTOR MARKET DYNAMICS**

- 3.1. Refrigeration Leak Detector Market Impact Analysis (2018-2027)
  - 3.1.1. Market Drivers
  - 3.1.2. Market Challenges
  - 3.1.3. Market Opportunities

### **CHAPTER 4. GLOBAL REFRIGERATION LEAK DETECTOR 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL REFRIGERATION LEAK DETECTOR MARKET, BY PRODUCT TYPE**

- 5.1. Market Snapshot
- 5.2. Global Refrigeration Leak Detector Market by Product Type, Performance - Potential Analysis
- 5.3. Global Refrigeration Leak Detector Market Estimates & Forecasts by Product Type 2017-2027 (USD Million)
- 5.4. Refrigeration Leak Detector Market, Sub Segment Analysis
  - 5.4.1. Halide Detector
  - 5.4.2. Electronic Detector

## **CHAPTER 6. GLOBAL REFRIGERATION LEAK DETECTOR MARKET, BY OPERATION**

- 6.1. Market Snapshot
- 6.2. Global Refrigeration Leak Detector Market by Operation, Performance - Potential Analysis
- 6.3. Global Refrigeration Leak Detector Market Estimates & Forecasts by Operation 2017-2027 (USD Million)
- 6.4. Refrigeration Leak Detector Market, Sub Segment Analysis
  - 6.4.1. Hand-held
  - 6.4.2. Benchtop

## **CHAPTER 7. GLOBAL REFRIGERATION LEAK DETECTOR MARKET, BY END-USE**

- 7.1. Market Snapshot
- 7.2. Global Refrigeration Leak Detector Market by End-Use, Performance - Potential

## Analysis

7.3. Global Refrigeration Leak Detector Market Estimates & Forecasts by End-Use  
2017-2027 (USD Million)

7.4. Refrigeration Leak Detector Market, Sub Segment Analysis

7.4.1. Industrial

7.4.2. Research & Academia

7.4.3. Maintenance Service Providers

## **CHAPTER 8. GLOBAL REFRIGERATION LEAK DETECTOR MARKET, REGIONAL ANALYSIS**

8.1. Refrigeration Leak Detector Market, Regional Market Snapshot

8.2. North America Refrigeration Leak Detector Market

8.2.1. U.S. Refrigeration Leak Detector Market

8.2.1.1. Product Type breakdown estimates & forecasts, 2017-2027

8.2.1.2. Operation breakdown estimates & forecasts, 2017-2027

8.2.1.3. End-Use breakdown estimates & forecasts, 2017-2027

8.2.2. Canada Refrigeration Leak Detector Market

8.3. Europe Refrigeration Leak Detector Market Snapshot

8.3.1. U.K. Refrigeration Leak Detector Market

8.3.2. Germany Refrigeration Leak Detector Market

8.3.3. France Refrigeration Leak Detector Market

8.3.4. Spain Refrigeration Leak Detector Market

8.3.5. Italy Refrigeration Leak Detector Market

8.3.6. Rest of Europe Refrigeration Leak Detector Market

8.4. Asia-Pacific Refrigeration Leak Detector Market Snapshot

8.4.1. China Refrigeration Leak Detector Market

8.4.2. India Refrigeration Leak Detector Market

8.4.3. Japan Refrigeration Leak Detector Market

8.4.4. Australia Refrigeration Leak Detector Market

8.4.5. South Korea Refrigeration Leak Detector Market

8.4.6. Rest of Asia Pacific Refrigeration Leak Detector Market

8.5. Latin America Refrigeration Leak Detector Market Snapshot

8.5.1. Brazil Refrigeration Leak Detector Market

8.5.2. Mexico Refrigeration Leak Detector Market

8.6. Rest of The World Refrigeration Leak Detector Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**



- 9.1. Top Market Strategies
- 9.2. Company Profiles
  - 9.2.1. Elitech Technology Inc.
    - 9.2.1.1. Key Information
    - 9.2.1.2. Overview
    - 9.2.1.3. Financial (Subject to Data Availability)
    - 9.2.1.4. Product Summary
    - 9.2.1.5. Recent Developments
  - 9.2.2. Fieldpiece Instruments Inc.
  - 9.2.3. CPS Products Inc.
  - 9.2.4. AGPTEK
  - 9.2.5. MSA Safety
  - 9.2.6. ACME Engineering Products Ltd.
  - 9.2.7. KANE INTERNATIONAL LIMITED
  - 9.2.8. Bacharach Inc.
  - 9.2.9. Emerson Electric Co.
  - 9.2.10. Robinair, Ritchie Engineering 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

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Refrigeration Leak Detector market, report scope

TABLE 2. Global Refrigeration Leak Detector market estimates & forecasts by Region 2017-2027 (USD Million)

TABLE 3. Global Refrigeration Leak Detector market estimates & forecasts by Product Type 2017-2027 (USD Million)

TABLE 4. Global Refrigeration Leak Detector market estimates & forecasts by Operation 2017-2027 (USD Million)

TABLE 5. Global Refrigeration Leak Detector market estimates & forecasts by End-Use 2017-2027 (USD Million)

TABLE 6. Global Refrigeration Leak Detector market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 7. Global Refrigeration Leak Detector market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 8. Global Refrigeration Leak Detector market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 9. Global Refrigeration Leak Detector market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 10. Global Refrigeration Leak Detector market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 11. Global Refrigeration Leak Detector market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 12. Global Refrigeration Leak Detector market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 13. Global Refrigeration Leak Detector market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 14. Global Refrigeration Leak Detector market by segment, estimates & forecasts, 2017-2027 (USD Million)

TABLE 15. Global Refrigeration Leak Detector market by region, estimates & forecasts, 2017-2027 (USD Million)

TABLE 16. U.S. Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 17. U.S. Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 18. U.S. Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 19. Canada Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 20. Canada Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 21. Canada Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 22. UK Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 23. UK Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 24. UK Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 25. Germany Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 26. Germany Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 27. Germany Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 28. RoE Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 29. RoE Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 30. RoE Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 31. China Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 32. China Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 33. China Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 34. India Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 35. India Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 36. India Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 37. Japan Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 38. Japan Refrigeration Leak Detector market estimates & forecasts by segment

2017-2027 (USD Million)

TABLE 39. Japan Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 40. RoAPAC Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 41. RoAPAC Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 42. RoAPAC Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 43. Brazil Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 44. Brazil Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 45. Brazil Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 46. Mexico Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 47. Mexico Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 48. Mexico Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 49. RoLA Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 50. RoLA Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 51. RoLA Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 52. Row Refrigeration Leak Detector market estimates & forecasts, 2017-2027 (USD Million)

TABLE 53. Row Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 54. Row Refrigeration Leak Detector market estimates & forecasts by segment 2017-2027 (USD Million)

TABLE 55. List of secondary sources, used in the study of global Refrigeration Leak Detector market

TABLE 56. List of primary sources, used in the study of global Refrigeration Leak Detector market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered



## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Refrigeration Leak Detector market, research methodology
- FIG 2. Global Refrigeration Leak Detector market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Refrigeration Leak Detector market, key trends 2019
- FIG 5. Global Refrigeration Leak Detector market, growth prospects 2020-2027
- FIG 6. Global Refrigeration Leak Detector market, porters 5 force model
- FIG 7. Global Refrigeration Leak Detector market, pest analysis
- FIG 8. Global Refrigeration Leak Detector market, value chain analysis
- FIG 9. Global Refrigeration Leak Detector market by segment, 2017 & 2027 (USD Million)
- FIG 10. Global Refrigeration Leak Detector market by segment, 2017 & 2027 (USD Million)
- FIG 11. Global Refrigeration Leak Detector market by segment, 2017 & 2027 (USD Million)
- FIG 12. Global Refrigeration Leak Detector market by segment, 2017 & 2027 (USD Million)
- FIG 13. Global Refrigeration Leak Detector market by segment, 2017 & 2027 (USD Million)
- FIG 14. Global Refrigeration Leak Detector market, regional snapshot 2017 & 2027
- FIG 15. North America Refrigeration Leak Detector market 2017 & 2027 (USD Million)
- FIG 16. Europe Refrigeration Leak Detector market 2017 & 2027 (USD Million)
- FIG 17. Asia pacific Refrigeration Leak Detector market 2017 & 2027 (USD Million)
- FIG 18. Latin America Refrigeration Leak Detector market 2017 & 2027 (USD Million)
- FIG 19. Global Refrigeration Leak Detector market, company market share analysis (2019)

### COMPANIES MENTIONED

Elitech Technology Inc.  
Fieldpiece Instruments Inc.  
CPS Products Inc.  
AGPTEK  
MSA Safety  
ACME Engineering Products Ltd.  
KANE INTERNATIONAL LIMITED

Bacharach Inc.  
Emerson Electric Co.  
Robinair, Ritchie Engineering Inc

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