India Hydrofluorocarbons Market

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India Hydrofluorocarbons Market, Growth Rate, Covid-19 Impact, Economic Impact, Size, Share, Trend, Drivers, Competitive Landscape, Opportunity, Limitations, Technological Landscape, Regulatory Framework, PESTEL Analysis, PORTER's Analysis, Forecast upto 2028

The Hydrofluorocarbons market is expected to increase owing to surge in cold chain market coupled with the use of IoT-enabled refrigeration solutions

The Indian Hydrofluorocarbons market stood at USD 146.40 Million in 2021 and is expected to reach USD 219.44 Million by 2028 at a CAGR of 6.03% during the forecast period. The market is anticipated to increase throughout the forecast period due to rising international tourism, rising consumer expenditure on house improvements, the introduction of energy-efficient systems, and the rising popularity of green cooling concepts. Additionally, the rising demand for air conditioning systems, cooling systems, cold storage in industries, and refrigerators is predicted to result in a major increase in the use of HFCs during the upcoming years. Some of the key drivers of the market include rising urbanization and rising consumer product demand. Furthermore, the rising use of IoT-enabled refrigeration solutions is anticipated to drive the India hydrofluorocarbons market by 2028 at a significant rate during the forecasted period, 2022-2028. Commercial refrigeration increasingly uses IoT technology, which gives it access to significant new features. Due to integrated IoT sensors, users can monitor factors including internal and outdoor temperature, humidity, power usage, and more.

However, the stringent regulations are predicted to create an obstacle to the growth of the Indian market at a significant rate over the forecasted period of 2022-2028. The Indian government is now enacting restrictions to restrict the use of hydrofluorocarbons because of the catastrophic harm they inflict on the ozone layer.

Type Overview in the Hydrofluorocarbons Market

Based on Type, the Indian Hydrofluorocarbons market is bifurcated into HFC R-134A, HFC R-410A, HFC R-407C, HFC R-401A, HFC R-143A, HFC R-404A, and others. The HFC R-134A segment is anticipated to hold the largest share during the forecasted period of 2022-2028 at a

significant rate. R134A is also known as tetrafluoroethane (CF3CH2F), a refrigerant that belongs to the HFC family. R134A, an HFC, is used as a substitute for R12 and R22 in medium and high-temperature refrigeration applications, such as commercial and residential refrigeration and chillers. Additionally, it is utilized in automobile air conditioning. It is safe for normal handling because it is non-toxic, non-flammable, and non-corrosive.

Application Overview in the Hydrofluorocarbons Market

Based on Application, the Indian Hydrofluorocarbons market is bifurcated into Refrigeration and Air Conditioning. The Refrigeration segment is anticipated to hold the largest share during the forecasted period of 2022-2028 at a significant rate owing to increasing demand for refrigeration and cooling systems from various end-use industries. Being energy-efficient, HFCs can reduce both the need for and the cost of electricity. The expanding demand for refrigerators from the pharmaceutical and biotechnology sectors is another significant factor in the revenue growth of the refrigeration market.

Regional Overview in the Hydrofluorocarbons Market

Based on Region, the Indian Hydrofluorocarbons market is bifurcated into North India, South India, West India, and East India. The North India region is anticipated to hold the largest share during the forecasted period of 2022-2028 at a significant rate owing to strong demand from mobile air conditioning, industrial, and commercial segments. Additionally, it is projected that the government's increased promotional efforts to support energy-efficient air conditioning systems and lower energy consumption will aid in the regional market's expansion.

Hydrofluorocarbons Market: Competitive Landscape

Gujarat Fluorochemicals Limited (GFL), Navin Fluorine International Ltd (NFIL), SRF Limited, RX Chemicals, Daikin Industries, Ltd.,Arkema S.A., Asahi Glass Co. Ltd., Maharashtra Gas Company, and Other Prominent Players.

Reasons for Buying this Report:

- This research report helps you get a detail picture of the industry by providing overview of the industry along with the market structure and classification
- The report provides market analysis covering major growth driving factors for the industry, latest market trends and insights on regulatory framework in the industry
- This report helps to understand the present status of the industry by elucidating a comprehensive SWOT analysis and scrutiny of the demand supply situation
- Report provides analysis and in-depth financial comparison of major competitors
- The report provides forecasts of key parameters which helps to anticipate the industry performance

Our Approach:

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players

We use reliable sources of information and databases, information from which is processed by us and included in the report

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