

# Vapour Recovery Units Market Surges with VOC Control Focus, to Hit USD 2.33 billion by 2035 at 5.3% CAGR

*The global Vapour Recovery Units market grows rapidly, driven by strict environmental norms and rising demand to curb VOC emissions across key industries.*

NEWARK, DE, UNITED STATES, May 29, 2025 /EINPresswire.com/ -- [Vapour Recovery Units Market Booms Amid VOC Regulations and Infrastructure Growth](#)

“

Advanced vapour recovery systems are becoming essential tools in the energy and manufacturing industries for both compliance and cost-saving.”

*opines Nikhil Kaitwade,  
Associate Vice President at  
FMI*

The Vapour Recovery Units Market is poised to grow from USD 1.39 billion in 2025 to USD 2.33 billion by 2035, reflecting a CAGR of 5.3%. As industries seek to align with environmental sustainability and optimize operational performance, the demand for technologically advanced VRUs is projected to escalate globally.

The global Vapour Recovery Units (VRU) Market is witnessing a robust transformation, driven by stringent environmental norms and rising demand across oil & gas, petrochemical, transportation, food processing, and

pharmaceutical industries. With volatile organic compound (VOC) emissions becoming a central environmental concern, the adoption of VRUs has emerged as a critical solution to reduce harmful emissions and enhance operational efficiency.

Vapour Recovery Units, which capture and recycle vapors that would otherwise be emitted into the atmosphere, are increasingly being integrated into upstream, midstream, and downstream oil and gas facilities. As global fuel storage and distribution networks expand, VRUs are becoming indispensable in ensuring environmental compliance while contributing to fuel conservation and cost savings.

The surge in demand for fuel and chemical products has placed renewed focus on emissions recovery. This is particularly evident in regions with evolving regulatory landscapes, such as North America, Western Europe, and East Asia. Additionally, industries beyond oil and gas—including breweries, food processing units, and pharmaceutical manufacturing—are

increasingly deploying VRUs to reduce emissions and improve energy efficiency.

Report Summary: Vapour Recovery Units Market  
This report provides a comprehensive analysis of the Vapour Recovery Units (VRU) market, covering market size, regional trends, and technological advancements. For more details, visit: <https://www.futuremarketinsights.com/reports/sample/rep-gb-993>

Technology is another key growth catalyst in the VRU market. The emergence of AI-powered monitoring systems, hybrid VRUs, and energy-efficient cryogenic condensation technologies is transforming the VRU landscape. These innovations enable precise VOC monitoring, predictive maintenance, and optimized recovery, boosting both environmental compliance and operational ROI.

Key Market Segments & Regional Analysis

This latest market intelligence report covers:

- In-depth market size estimates from 2025 to 2035
- Regional analysis across 7 key geographies
- Market segmentation by application and technology
- Competitive landscape analysis featuring major players
- Technological innovation insights
- Environmental policy impact and future forecasts

Market Drivers & Challenges

Increased fuel distribution infrastructure, tightening VOC emission regulations, and energy efficiency trends are key market growth drivers.

Regulatory Frameworks & Environmental Impact

Governments worldwide are implementing stricter VOC emission standards, particularly in oil & gas storage and handling facilities. Regulatory frameworks like the U.S. EPA's Clean Air Act and



# Vapour Recovery Units

Vapour Recovery Units Market

Europe’s Industrial Emissions Directive are pushing companies to deploy VRUs for compliance and sustainable growth.

These regulations not only ensure environmental protection but also open up opportunities for equipment suppliers and service providers to meet the growing demand for emission control solutions.

Oil & gas production continues to scale, midstream infrastructure—including pipelines, tank farms, and storage terminals—is expanding. This has directly translated into a higher adoption rate of VRUs.

As global oil and gas production continues to scale, midstream infrastructure—including pipelines, tank farms, and storage terminals—is expanding. This has directly translated into a higher adoption rate of VRUs.

With growing global energy demand, the need to prevent fuel loss during storage and transfer operations has become paramount, making VRUs a vital investment for operators.

The petrochemical industry, a major VOC emitter, is undergoing a paradigm shift with sustainable manufacturing becoming a key focus. VRUs help capture and reuse valuable vapors, ensuring regulatory compliance and cost savings.

The petrochemical industry, a major VOC emitter, is undergoing a paradigm shift with sustainable manufacturing becoming a key focus. VRUs help capture and reuse valuable vapors, ensuring regulatory compliance and cost savings.

Chemical manufacturing plants are also embracing VRUs to reduce fugitive emissions, meet safety regulations, and enhance process efficiency.

The vapour recovery units market

The vapour recovery units market is experiencing steady growth, driven by rising environmental concerns, regulatory compliance needs, and expanding infrastructure in the oil & gas sector. With broader adoption across upstream, midstream, and downstream operations, as well as emerging interest from industries such as food processing and pharmaceuticals, VRUs are becoming an integral component of emission control strategies. Technological advancements, including AI integration and energy-efficient recovery systems, are further enhancing the efficiency and appeal of these units. As industries continue to prioritize sustainability and operational efficiency, the market for vapour recovery units is expected to expand consistently across global regions.

For more information, visit: <https://www.futuremarketinsights.com/reports/vapor-recovery-units-market>

Oil & gas production continues to scale, midstream infrastructure—including pipelines, tank farms, and storage terminals—is expanding. This has directly translated into a higher adoption rate of VRUs.

With growing environmental scrutiny, oil storage terminals are adopting VRUs to manage VOCs emitted during tank loading and breathing operations. These systems are now seen as essential compliance tools.

This trend is particularly strong in regions with strict emission caps, such as North America and Europe, encouraging terminal operators to retrofit or upgrade their existing emission control setups.

Oil storage terminals are adopting VRUs to manage VOCs emitted during tank loading and breathing operations.

Refineries are increasingly investing in VRUs to minimize fuel loss and improve profitability. These systems offer a dual benefit—reducing emissions and recovering valuable hydrocarbon vapors.

Moreover, with a rising global focus on reducing the carbon intensity of fuels, VRUs are being considered a key element of refinery modernization strategies.

Key players in the VRU market include:

- John Zink Hamworthy Combustion: A leading provider of emissions control and combustion systems with a strong global footprint.
- AEREON: Specializes in flaring and vapor recovery solutions tailored to upstream and midstream operations.
- PSG Dover: Offers a range of fluid handling solutions including high-efficiency VRUs for fuel terminals.
- Cool Sorption A/S: Known for its modular VRU systems with advanced monitoring capabilities.
- Hy-Bon/EDI: A legacy name in gas recovery systems with strong emphasis on methane and VOC recovery.
- Cimarron Energy Inc.: Provides engineered vapor recovery and compression solutions across the energy value chain.

Key players in the VRU market include:

Retail fuel stations are under pressure to meet local air quality standards. Investing in compact VRUs helps them control emissions during vehicle refueling operations.

These systems not only comply with environmental rules but also improve public perception of retail fuel brands as environmentally responsible.

Regional market insights:

- North America: Dominates the market due to mature oil & gas infrastructure and strict EPA regulations.

- Latin America: Emerging VRU market driven by refining capacity additions and regulatory upgrades.
- Western Europe: Advanced market with a high focus on VOC compliance and sustainability.
- Eastern Europe: Moderate growth with increasing industrial development and EU alignment.
- East Asia: High growth potential driven by large petrochemical bases in China, Japan, and South Korea.
- South Asia & Pacific: Growing adoption in India and Southeast Asia due to energy demand and emission policies.
- Middle East & Africa: Increasing demand due to refinery expansions and modernization programs.

For more information, visit our website:

<https://www.futuremarketinsights.com/industry-analysis/heavy-engineering-solutions>

By Technology:

By Technology:

- Adsorption
- Condensation
- Absorption

By Process:

- Upstream
- Downstream

By Application:

- Marine Loading
- Truck Loading
- Railcar Loading
- Pipelines
- Storage Tank Vents

By End-use:

- Oil & Gas Compressors
- Landfills
- Brewery and Food Processing
- Others

For more information, visit our website:

The [industrial security system market](#) is expected to grow at a CAGR of 7.5% during the projected period. The market value is expected to increase from USD 55.9 billion in 2024 to USD 115 billion by 2034.

The global [Industrial Crystallizer Market](#) is projected to be valued at USD 4.3 billion by 2024 and rise to USD 7.4 billion by 2034. It is expected to grow at a CAGR of 5.6 % from 2024 to 2034.

□□□□□ □□□□□□ □□□□□□ □□□□□□□□ (□□□)

Future Market Insights (FMI) is a leading provider of market intelligence and consulting services, serving clients in over 150 countries. FMI is headquartered in Dubai and has delivery centers in the United Kingdom, the United States, and India. FMI's latest market research reports and industry analysis helps businesses navigate challenges and make critical decisions with confidence and clarity amidst breakneck competition. Our customized and syndicated market research reports deliver actionable insights that drive sustainable growth. A team of expert-led analysts at FMI continuously tracks emerging trends and events in a broad range of industries to ensure that our clients prepare for the evolving needs of their consumers.

Join us as we commemorate 10 years of delivering trusted market insights. Reflecting on a decade of achievements, we continue to lead with integrity, innovation, and expertise.

□□□□□□□ □□:

Future Market Insights Inc.  
Christiana Corporate, 200 Continental Drive,  
Suite 401, Newark, Delaware - 19713, USA  
T: +1-347-918-3531  
For Sales Enquiries: [sales@futuremarketinsights.com](mailto:sales@futuremarketinsights.com)  
Website: <https://www.futuremarketinsights.com>  
[LinkedIn](#) | [Twitter](#) | [Blogs](#) | [YouTube](#)

Ankush Nikam  
Future Market Insights, Inc.  
+ +91 90966 84197

[email us here](#)

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[YouTube](#)

[X](#)

[Other](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/817273258>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.