

# Global Two-Phase Vapor Chamber Market Growth 2026-2032

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## Abstracts

The global Two-Phase Vapor Chamber market size is predicted to grow from US\$ 252 million in 2025 to US\$ 669 million in 2032; it is expected to grow at a CAGR of 15.0% from 2026 to 2032.

Two-Phase Vapor Chamber is an advanced thermal management device that transfers heat through the phase change cycle of a working fluid between evaporation and condensation inside a sealed chamber. By utilizing two-phase heat transfer and capillary-driven circulation, it rapidly spreads heat across the chamber surface, enabling efficient thermal management for high-power electronic components. Its advantages include high thermal conductivity, uniform heat distribution, compact structure, and strong reliability under high heat flux conditions. The capacity utilization rate in 2025 reached 90%, and the industry's average gross margin was approximately 31%. Production in 2025 totaled 99.23 million units at an average price of 2.6 USD per unit. The upstream segment mainly relies on high-purity oxygen-free copper, with representative suppliers including Mitsubishi Materials, KME, Jiangxi Copper, and Tongling Nonferrous Metals. The midstream focuses on chamber structural design, wick structure fabrication, precision forming, vacuum sealing, and performance testing to ensure stable two-phase circulation and efficient heat dissipation. Downstream applications are concentrated in consumer electronics, telecommunications equipment, and servers, with key customers including Apple, Samsung, Huawei, Dell, Inspur, and Ericsson.

United States market for Two-Phase Vapor Chamber is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Two-Phase Vapor Chamber is estimated to increase from US\$ million

in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Two-Phase Vapor Chamber is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Two-Phase Vapor Chamber players cover Auras Technology, CCI, Fujikura, AVC, Jentech, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Two-Phase Vapor Chamber Industry Forecast" looks at past sales and reviews total world Two-Phase Vapor Chamber sales in 2025, providing a comprehensive analysis by region and market sector of projected Two-Phase Vapor Chamber sales for 2026 through 2032. With Two-Phase Vapor Chamber sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Two-Phase Vapor Chamber industry.

This Insight Report provides a comprehensive analysis of the global Two-Phase Vapor Chamber landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Two-Phase Vapor Chamber portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Two-Phase Vapor Chamber market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Two-Phase Vapor Chamber and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Two-Phase Vapor Chamber.

This report presents a comprehensive overview, market shares, and growth opportunities of Two-Phase Vapor Chamber market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Thickness

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