

Philippines Data Centre Cooling Market Report and Forecast 2025-2034

Market Report | 2025-06-06 | 98 pages | EMR Inc.

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Report description:

The Philippines data centre cooling market is projected to grow at a CAGR of 15.40% between 2025 and 2034, aided by increasing investments in quieter cooling technologies.

Philippines Data Centre Cooling Market Growth

The rising usage of social media channels and growth of the e-commerce sector have led to increasing investments towards data centre establishment in the Philippines. For instance, in July 2021, Beeinfotech opened a 19,000 sqm data centre facility in Pasig City with 3,000 rack capacity. In December 2023, Digital Edge entered into a joint venture agreement with Threadborne Group for the development and operation of a 10-megawatt data centre facility. In Cebu's Mandaue City, Converge announced its plans to invest PhP 1 billion towards the construction of a new data centre. The current data centre capacity of the Philippines (at just 96MW presently) is expected to witness exponential growth, thereby fuelling the demand for effective data centre cooling solutions.

To achieve sustainable cooling of data centres, major companies like Meta are incorporating an architecture of cold plates into their existing data centres, which use micro-convective cooling technology to boost the facility's thermal efficiency. The placement of aluminium or cold copper plates against microprocessors is meant to minimise the overall energy consumption of pumps and improve flow dynamics, thereby presenting a comparatively green solution for achieving optimum cooling temperatures within data centres.

The integration of smart temperature monitoring sensors into each rack and server by data centre operators is expected to drive the demand for effective cooling solutions. Increasing focus on upgrading the existing infrastructure of data centres (including roofing and flooring designs) is also expected to facilitate the market growth in the forecast period.

Philippines Data Centre Cooling Industry Segmentation

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Philippines Data Centre Cooling Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments:

Market Breakup by Component

- Solution
- Services

Market Breakup by Data Centre Size

- Large Data Centre
- Medium Data Centre
- Small Data Centre

Market Breakup by Type of Cooling

- Room-based Cooling
- Row/Rack-based Cooling

Market Breakup by Application

- Government
- BFSI
- IT and Telecom
- Healthcare
- Others

Philippines Data Centre Cooling Market Share

Based on application, the market is segmented into government, BFSI, IT and telecom, and healthcare, among others. Over the forecast period, IT and telecom and BFSI are expected to grow at a CAGR of 17.6% and 16.5% respectively, due to the rapid digitalisation of the Philippines' economy.

Leading Companies in the Philippines Data Centre Cooling Market

Rapid economic digitalisation and evolving AI technologies are driving the proliferation of hyperscale data centres having high cooling requirements.

- Schneider Electric SE
- Vertiv Group Corp.
- STULZ GMBH
- Daikin Industries, Ltd.
- Others

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Philippines Data Centre Cooling Market Size

Philippines Data Centre Cooling Market Growth

Philippines Data Centre Cooling Market Share

Philippines Data Centre Cooling Companies

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