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Complete and uncomplicated solutions for data center cooling

With new, unique server cooling technology and free cooling solutions, Alfa Laval now has a complete offering for data center cooling. Based on Alfa Laval's extensive application knowledge, this comprehensive range makes it easier to provide optimum systems for specific data center needs.

The number of data centers continues to increase worldwide and there has been a huge proliferation of products, systems and technologies for data center cooling.

"There are so many options out there, that it can be confusing," says Mats Carselid, Marketing Manager Data Center Cooling. "Our aim is to take the complication out of data center cooling. And now that we have a new solution that has been specifically developed for server cooling – Low Speed Ventilation – the choice is even easier."

Alfa Laval, a leading pioneer in cooling solutions for specialized applications with more than 100 years of experience in industrial cooling, has developed eco-conscious solutions for data center cooling that can be tailored to create highly reliable, energy and cost-efficient systems for all sections of a data center.

The Alfa Laval data center cooling offering:

- **Unique server cooling technology** – Low Speed Ventilation (LSV) is a new, highly efficient cooling technology for server rooms resulting in lower energy consumption, lower cooling-related energy bills (by up to 30% depending on the center's size, type and location) and the lowest possible PUE on the market.
- **Free cooling with air** – Thanks to our wide product portfolio we are also able to combine adiabatic or dry coolers with gasketed plate heat exchangers at the core of air-based free cooling systems. No other manufacturer is able to combine seasonally adjustable solutions – we identify the optimum periods for free cooling or chiller cooling in year-round operation.
- **Free cooling with water** – An economic and eco-friendly solution sourced from rivers, lakes or oceans. We are the only supplier that offers both water filters and gasketed

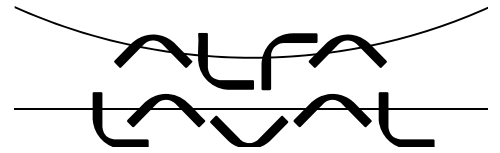


plate heat exchangers for data center cooling. This system can often operate year-round without mechanical cooling.

- **Continuous partnership** – Our proactive maintenance and customized service programs ensure optimal long-term equipment performance. We assist data center operators via an unrivalled global infrastructure for local support.

“With the addition of Low Speed Ventilation, we now have a comprehensive range covering all aspects of Data Center Cooling. But, what makes the real difference is how we use our expertise to help customers identify the right solution, or combination of solutions, to create a complete cooling system optimized for a specific data center,” concludes Mats Carselid.

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See more at: <http://www.alfalaval.com/datacenter>

About Alfa Laval

Alfa Laval is a leading global provider of specialized products and engineering solutions based on its key technologies of heat transfer, separation and fluid handling.

The company’s equipment, systems and services are dedicated to assisting customers in optimizing the performance of their processes. The solutions help them to heat, cool, separate and transport products in industries that produce food and beverages, chemicals and petrochemicals, pharmaceuticals, starch, sugar and ethanol.

Alfa Laval’s products are also used in power plants, aboard ships, in the mechanical engineering industry, in the mining industry and for wastewater treatment, as well as for comfort climate and refrigeration applications.

Alfa Laval’s worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena.

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