



MEGALAM ENERGWARD HAS ARRIVED



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Camfil makes historic breakthrough in HEPA filtration technology for cleanroom industry with Megalam EnerGuard

A major evolutionary advancement in HEPA filtration technology by Camfil is designed and developed to provide high quality air filtration and decrease the cost of operation in industries operating cleanrooms. Camfil introduces a brand-new range of HEPA/ULPA filtration solution, **Megalam EnerGuard**. After years of extensive research, continuous application-based testing and performance measurement, [Megalam EnerGuard](#) ensures best filtration performance along with operational cost reduction in comparison to any other HEPA filter in the industry.

Megalam EnerGuard is the monumental breakthrough in HEPA filtration technology after decades.

The biggest industry challenge - In cleanrooms, ventilation costs can be as high as 80% of the operational cost due to high fallout rate at installation and low energy savings. Ordinary HEPA filters are often damaged in the process of transportation, installation or maintenance because of fragile filter media. The existing HEPA filtration technology offers a tough choice between longer lifetime but fragility, OR shorter lifetime but energy savings. This leads to high total cost of ownership (TCO) that is associated with the set lifetime of the filter.

Camfil's evolutionary solution – After years of research and testing, Megalam EnerGuard offers technology that makes the filter more robust, reliable and resistant to damage compared to traditional HEPA filters. **Cleanroom Industries especially in Life Science, will be able to achieve a 0% installation failure rate during handling and operations along with longer life, consistency and optimal performance. Megalam EnerGuard massively reduces the handling failure risk and protects the business from costs incurred due to accidental abuse during installation, maintenance and production.**

The construction, methodology and science used in developing Megalam EnerGuard assures the lowest possible energy consumption compared to the traditional filters. With 30% to 50% energy savings, EnerGuard provides best HEPA filtration and a longer service life. The filter maintains low pressure drop and ensures long period of filter replacement. This also makes sure that energy efficiency over the time will lead to reduced carbon emission and sustainable contribution to environmental footprint.



[Watch video on YouTube here](#)

In a 10-year life cycle analysis, [Megalam EnerGuard](#) advanced technology can achieve savings up to 50% in total cost of ownership (TCO) that is calculated based on initial cost, replacement cost, labour and disposal charges and energy consumption, compared to existing technologies.

“Megalam EnerGuard is an accomplishment as it addresses important customer necessities along with providing high level of endurance, its advanced technology is reducing cost of operation and total cost of ownership significantly. EnerGuard is the biggest change cleanroom industry experts were looking for in decades” says Lionel Savin, Global Clean Process Product Manager at Camfil.

In addition, ProSafe and FabSafe symbols on Megalam EnerGuard are an expression of the extensive and thorough testing's that have been conducted by Camfil for more than a year before commercial release. Many industries like cleanroom, pharma, life science, bio-safety and more, have stringent practices in terms of testing, out-gassing and cleaning the air filtration that need to be verified ahead in the process. To address more questions and share real time advanced insights on HEPA filtration, Camfil has organized a live webinar. The discussion and learning will revolve around the changing trends, the key advances and the Total Cost of Ownership (TCO) approach to HEPA filtration. The webinar is scheduled for 21st April 2020. [Register now and secure your place.](#)

For more than half a century, Camfil has been helping people breathe cleaner air. As a leading manufacturer of premium clean air solutions, we provide commercial and industrial systems for air filtration and air pollution control that improve worker and equipment productivity, minimize energy use, and benefit human health and the environment. We firmly believe that the best solutions for our customers are the best solutions for our planet, too. That's why every step of the way – from design to delivery and across the product life cycle – we consider the impact of what we do on people and on the world around us. Through a fresh approach to problem-solving, innovative design, precise process control and a strong customer focus we aim to conserve more, use less and find better ways – so we can all breathe easier.

The Camfil Group is headquartered in Stockholm, Sweden, and has 30 manufacturing sites, six R&D centres, local sales offices in 30 countries, and 4,800 employees and growing. We proudly serve and support customers in a wide variety of industries and in communities across the world. To discover how Camfil can help you to protect people, processes and the environment, visit us at www.camfil.com.

Contacts



Rose Avedissian

Press Contact

Global Marketing Director, Camfil Power Systems

rose.avedissian@camfil.com

+1 450 967 6777



Lynne Laake

Press Contact

Director of Marketing, North America

lynne.laake@camfil.com

+1 (513) 324-8346



Ola Skoglund

Press Contact

VP Group Marketing Communication

Group Marketing Communication

Ola.Skoglund@camfil.com

+46703492701