NATURALLY
EFFICIENT.

Offering energy saving solutions

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

PFANNENBERG–Naturally Efficient

Sustainability became one of the major challenges world-wide.

At Pfannenberg, we keep up a tradition in protecting the environment. For a long time our motto has been “Safety for man, machine and the environment”.

This is why we are very concerned about energy-efficient processing and solely offer products that are extra energy efficient. Since 2005, our company has been certified according to ISO 14001.

Our logo “Naturally Efficient” labels all cooling systems that contribute to the protection of the environment in an outstanding way. This is what we call Energy-Efficiency: Saving money and protecting the environment!

Discover your possible energy savings now, using Pfannenberg cooling units, filterfans, air/water heat ex-changers and chillers that come with energy efficiency at its best!

TÜV SÜD ISO 14001

Certificate No. 12 100/104 19658 TMS

Challenges and Solutions in Teaming Electro-Technology and Eco-Management

Growing challenges in the ever-continuing global climate change, exploitation of nature as well as rising prices in energy require us to rethink.

At Pfannenberg, we like to face arising challenges. To lower costs in energy, use limited resources at their best and thus protect the climate, we invest our extensive know-how and practice. And we use resources respectfully and efficiently.

Our aim and motivation is to be leading in development of thermal management devices all the time. Consequently, our products have always been pioneers when it comes to energy efficiency. For the last 50 years we have been delivering to the international market, maintaining quality, costs and protection of the environment in focus – to the benefit of our clients and nature. Always being one step ahead of the competitors.

Our devices of the latest generation guarantee you the highest level of energy efficiency possible. Wide-spread certification such as TÜV, NEMA, UL and GOST allow you to use these energy efficient products safely worldwide.

Moreover, we work quickly on the development of an ever better device, saving climate and costs remarkably: In the very near future, we'll be offering a complete new series in cooling units and chillers, which consume 30% less electrical energy while delivering the same refrigerating capacity. To find out more and take a closer look at our prototypes, please come and visit us at the SPS/IPC/DRIVES (Automation fair in Nuremberg, Germany)!

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Breaking New Grounds in Thermal Management of Electrical Enclosures

Find out how you can protect the environment and save costs with Pfannenberg thermal management devices that are energy efficient and built to last.

Cooling units

Pfannenberg Cooling units are of the most efficient ones on the market. This applies in particular to the top-selling Pfannenberg 9000 series. Their EnergyEfficiencyRatio (EER), indicating how cooling capacity stands in relation to electrical energy consumption, is at an excellent 1.88. This means, the device performs with almost twice the amount of power using that same amount of energy! This outstanding performance is possible thanks to a range of various changes in construction, such as enlarged louver, a smaller compressor and an optimized refrigerant circuit in general.

Filterfans

Pfannenberg's 4th Generation Filterfans deliver a positive environmental track record and provide more safety in the production process. The 4th Generation PF 65.000 performs and increases airflow by 16% while using 60% less energy in comparison to its predecessor of the 3rd generation. Innovative filterfans and filter mat technology allow an increase of over 100% in operational performance (IP 55 rating), prolonged operating life and lower maintenance rates. Furthermore, in combination with Pfannenberg FLZ type thermostats and hygrostats an extra savings in energy consumption can be realized.

Air/Water Heat Exchangers

Pfannenberg's Air/Water Heat Exchangers are continuously updated and improved. In sharing competence with our clients, we create intelligent as well as extremely safe and reliabale cooling solutions. For example, our products only consume energy while actually in use. This means goodbye to any standby-energy consumption!

Chiller

Pfannenberg Chillers guarantee efficient, non-restrictive cooling of industrial processes, machinery and controls with water, water/glycol, oil or emulsion chillers. Currently, Pfannenberg is upgrading the different type series to reach 30% less energy consumption unit by unit.

PFANNENBERG – Competence for You and the Environment

Ludwig Plassenberg, Head of Material Management / Quality Mangement, VENSYS Elektrotechnik GmbH:
We are more than satisfied: The durability of the Pfannenberg Filterfan is 300 percent higher compared to the common standard. This way we save resourses as we need less filter mats.

Wilhelm Fuchs, Head of Electrical Construction, Homag Holzbearbeitungssysteme AG:
Since we are working with Pfannenberg we save money and protect the environment: The Pfannenberg Filterfans of the 4th Generation achieve twice the fan efficiency - without increasing the consumption of electricity as we are using the patented fluted filter for IP 55.

ENERGY EFFICIENCY made in Germany

Pfannenberg is official partner of the Energy Efficiency Export Initiative from the Federal Ministry of Economics and Technology of Germany. The certificate below states that Pfannenberg offers energy efficient products and services for improved climate protection.

URKUNDE

At a Glance

Pfannenberg is a medium-sized company located in the north German city of Hamburg. Further locations are in Rotherham (UK), Montreuil (F), Fidenza (I), Lancaster (USA), Singapore (SG), Shanghai (CN), and St. Petersburg (RU). We not only manufacture a comprehensive range of products and systems for the thermal management of electrical enclosures but also visual and audible signaling devices for security, fire, building, industrial process, disaster warning and hazardous area applications, as well as light art and illumination projects. Custom solutions are a further strength. Quality, long-life design, precision and a clever energy management in our devices add up to this benefit. Pfannenberg-Service included. For further details visit our website: www.pfannenberg.com

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Contact us today to discuss the requirements of your specific project.

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

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