Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY

THE RIGHT COMPONENTS FOR YOUR GRID QUALITY SYSTEM

The ongoing rapid growth of non-linear loads in our power grid means that increasing technical efforts are needed to prevent supply failures and/or damage to equipment. In the EU alone, poor network quality causes annual damage of around 150 billion euros. To name just a few, manufacturers of power feed-in systems, voltage transformers, harmonic or reactive current compensation systems, they all bear a high level of responsibility to protect their customers' equipment and, not least, the entire electrical network.

In addition to excellent development and high-quality components, the correct design and selection of cooling solutions also plays a decisive role. Pfannenberg is a full-range supplier of products and solutions in the field of control cabinet air conditioning and works with major companies in the industry as a technology partner and supplier. You will find a large selection of suitable standard products in many performance classes directly from stock. To support you, we offer extremely competent advice from our staff and the Pfannenberg calculation software PSS for easy and correct calculation of a suitable air conditioning.

Click on one of the following links to browse our complete product portfolio of thermal management and liquid cooling solutions.



Pfannenberg Solutions

Why Pfannenberg



Filterfans

Unique installation	patented „click and fit“ mechanism without screws
EMC variants	also „click and fit“, without pre-processing
High protection class	IP55 with flueted filter mat
Clean design	also available in black RAL 9011



Top Mounted Filterfans

Unique installation	patented „click and fit“ mechanism without screws
High Power	airflow rate of over 1000 m^3/h
Best Airflow	fan extracts to promote natural air circulation



Heaters, Thermostats/Hygrostats and Fan Heaters

Operational safety	heaters prevent condensate and protect electronics
Control variants	combined thermostats and hygrostats
Extended lifetime	fan heaters avoid hotspots
Extended airflow	fan heaters drive positive airflow in the cabinet



Chiller

Easy integration	shipped ready to connect
System solution	ideal complement to air/water heat exchangers
Broad power range	from 1.1 kW to 150 kW



Air/Water Heat Exchangers (Side and Top Mounting)

Cost-saving	running cost close to zero
High flexibility	cut-out compatible with the active cooling devices
Harsh environment	completely removing the heat out of the cabinet



Cooling units (Top, Side and Door Mounted)

Unique installation	in 3 min, without tools; cabinet seal integrated
Simple planning	cut-out compatible across performance classes
Outdoor ready	special series in stainless steel including heating
100% condensate safe	thanks to patented condensate management system
Robust design	stable metal housing, hood paintable

Service and Contacts



Global Technical Service

24/7 worldwide presence | commissioning, repair and maintenance | F-GAS leakage tests | spare part kits | service trainings | PSS - Pfannenberg Sizing Software

Click or scan the QR code to find the nearest Pfannenberg Sales Office.