

Rittal – The System.

Faster – better – everywhere.

EVVA: Energy saving with Rittal Blue e+

CUSTOMER REFERENCES

Climate control



Customer: EVA Sicherheitstechnologie GmbH
Industry: Manufacturer of mechanical and electronic access solutions
Company size: 750 employees
Established: 1919
Headquarters: Vienna, Austria

EVVA Sicherheitstechnologie GmbH is a leading manufacturer of mechanical and electronic access solutions. More than 200 national and international patents are proof of the innovative capabilities of this family-run company, which currently employs a staff of about 750 all over Europe; of these, about

460 are in the headquarters in Vienna. In the framework of its Corporate Social Responsibility, the company has decided to focus on sustainability. Innovative components like the new cooling unit series Blue e+ from Rittal help EVVA to save energy.



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“Our collaboration with Rittal is very good – our contact persons are immediately available. And if there is a problem, every effort is made to see that it is resolved immediately. As regards service too, the Rittal staff are top class.”

Herbert Reininger (right),
Division Head of Production,
at EVVA Sicherheitstechnologie GmbH

THE PROJECT

The Challenge

- Focus on sustainability
- Energy efficient cooling in manufacturing processes
- Service and maintenance of cooling units

The Solution

- Rittal Blue e+ cooling units, TopTherm cooling units, enclosures
- Service for 26 cooling units and regular checks for efficient processes as well as long service performance of cooling units



Energy guzzler cooling stopped

The best ecological intents can only be realised if there are suitable technologies on the market. One of them originated from the Rittal company and is a cooling unit called Blue e+. In its design, Rittal has placed its trust on a patented hybrid technology in combination with an innovative inverter controller. This hybrid technology of the device series Blue e+ works based on an interplay between a compressor cooling device and a heat pipe. The compressor only comes into play if the passive cooling is not sufficient any more. The first test results in the industry promise 75 percent energy saving.

House visits for cooling units

Apart from efficient working of the cooling units, the subject of service and maintenance is just as important, and can result in energy saving. In succession, 26 EVVA cooling units were included in a maintenance contract with Rittal. For this purpose, Rittal's own service bus for repairs and maintenance is on the road all over Austria. And also on board is this mobile refrigeration service workshop: a large number of tools and spare parts as well as stock of nitrogen and refrigerant. From this service workshop, the service engineer can carry out any required repairs and maintenance work on cooling units at the site. In addition to an assessment of the general state, inner cleaning of the units is also carried out. Thanks to these regular checks, the equipment can work more efficiently and the service life gets lengthened.

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