

Analysis and consulting at FILCOM

With plan for certified compressed air

Whether plant optimization or customized new planning: At FILCOM, customers benefit from the consulting and analysis expertise of a well-positioned team for products from the largest compressed air system supplier for compressors and blowers - KAESER Kompressoren SE. With analysis methods in accordance with DIN EN ISO 11011 and an experienced and trained feel for the requirements of a wide range of industries, the FILCOM team offers its customers future-proof solutions, precisely in line with the required demand, which save money and are also good for the environment.

STEP 1

We understand your requirements

Your new compressed air station must be as individual as your requirements as an operator. That's why we listen and look very closely and ask the right questions. Our diverse industry knowledge helps us to do this - regardless of whether you manufacture jewelry or semiconductors, operate a cement plant, a car factory or a brewery. Together with you, we record all the necessary production parameters and framework conditions. These include, for example:

- air quality
- existing components
- installation site



Inventory of the plant directly at the customer

STEP 2

Compressed air utilization analysis

The analysis is the core. Here, we use a wide variety of measurement technology that is demand-oriented, customer-specific and independent of manufacturers, depending only on the application. Sometimes the combination of different measuring systems makes the

- flow measurement air
- current consumption
- temperatures
- ultrasonic measurements
- speed measurements

In most cases, it is necessary to record several sensors simultaneously and evaluate them later. In this way, we identify weak points and uncover untapped potential, which we then present to you in a personal meeting.



STEP 3

Evaluation of the obtained data

For this purpose, we rely on state-of-the-art evaluation software to ensure high quality data. In order to obtain an economical solution that works close to the optimum under all conditions, several concepts have to be compared. The gradations between several compressors have to be considered as well as the whole downstream processing. The pressure losses up to the last consumer are significantly relevant.



STEP 4

The individual compressed air station

Based on our evaluation, the FILCOM team will map out a way for you to significantly increase the efficiency of your compressed air station and maintain it for the future.

You will benefit in the long term through savings that can only be achieved by taking a system approach.

Thanks to the use of state-of-the-art compressor management from KAESER Kompressoren SE, electricity and compressed air costs are transparent and your reliability is always in view thanks to browser access. The controller also actively sends an energy report when required.



STEP 5

Commissioning and maintenance

After successful commissioning, we take over the maintenance of your systems and thus ensure a highly efficient compressed air station over the entire service life.

With our comprehensive spare parts warehouse and rental machinery in conjunction with our emergency service, short response times are guaranteed.



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