

FIND OUT WHAT WE  
CAN DO FOR YOU



**KälteBeratung**  
sustainable planning



KB KälteBeratung

**IST YOUR  
PLANNING OFFICE  
FOR ALL YOUR  
COOLING NEEDS**

# WHAT WE CAN DO FOR YOU

KB KälteBeratung (KB Refrigeration Consulting) is your independent planning and engineering office for refrigeration, air conditioning and energy technology as well as for technical building equipment. We offer our clients forward-looking solutions in all these areas. We increase the efficiency of refrigeration, air conditioning and energy technology systems, optimize energy consumption and make good use of subsidies from all government and private sources. Transparently and sustainably.

## Our expertise for your project

The construction and renovation of systems in the fields of technical building equipment -- including refrigeration, air conditioning, heating, ventilation, sanitation, energy technology as well as measurement and control technology -- are highly complex construction projects. Our team of engineers and specialized consultants combines years of expertise and innovative strength to develop holistic concepts for your project. In doing so, we have our sight firmly set on future topics like sustainability and Industry 4.0. We see digitalization and the smart networking of plants and workshops as decisive factors for increasing efficiency.

## Some types of projects we will gladly support you with:

- Refrigeration plants for food production
- Cold storage logistics
- Supermarket and hypermarket cooling
- Room air conditioning for people
- Air conditioning for data centers
- Energy systems with renewable energies
- Energy optimization of buildings
- Ventilation, air conditioning and sanitary installations
- Heating systems
- Combined heat and power units
- Heat pumps
- Geothermal systems
- Ventilation for schools, supermarkets or administrative buildings
- Drainage technology (grease, waste and rainwater)
- Measurement and control technology

## RELIABLE PARTNER FOR ALL PHASES OF YOUR PROJECT

In all phases of your project, we will support you with our competence and experience.

### 01 Planning with farsightedness

Our team of experts always keeps an eye on costs, energy efficiency and sustainability.

### 02 Reliable coordination and verification

From preparing the tender to coordinating the works and monitoring the cost framework, we implement all plans reliably.

### 03 Property management

We take over the quality control. That is how we ensure the sustainable operational safety of your systems.

### 04 Expertise services

We engage experts who check whether contractually agreed performance and efficiency values are being met.

## THE ADVANTAGES YOU GET:

- 01 | Years of cross-sector expertise
- 02 | Independent counseling
- 03 | Solid planning, keeping costs, future safety and operational safety in view
- 04 | All services from a single source
- 05 | Increased efficiency through Industry 4.0
- 06 | Sustainable reduction of energy costs
- 07 | Significant increase in operational safety
- 08 | Optimised investment in future-proof plants
- 09 | Support when applying for funding
- 10 | Sustainable reduction in operating costs
- 11 | Increase in environmental compatibility

We will gladly give you references familiar with our expertise. Just contact us.



# WE KNOW ABOUT REFRIGERATION

The requirements for refrigeration technology are as varied as the industries in which it is used. Years of experience and in-depth expertise in refrigeration make us your innovative partner for customized solutions. We are energy-optimized, sustainable and future-proof.

In addition to comprehensive consulting, our services include the planning, testing and support of refrigeration systems for industrial and commercial customers throughout Europe. We support you in the needs-based planning of your new plant and the refurbishing of old plants. We accompany you through all planning and project phases, taking over the role of the client on your behalf and taking care of the tendering process.

# WE ENSURE A PERFECT WORKING ATMOSPHERE

Do you operate a data center, a hotel or an administration building? Then we are the people you need for creating the "perfect working climate". With our many years of expertise in this area, we develop the optimal air conditioning concept and system for your building. We know about your industry-specific requirements – regardless of whether it's a new building or a refurbishment. In view of rising energy costs, the modernization of old plants in particular offers great potential for saving operating costs.

In addition to providing manufacturer-independent advice, we consider it our task to accompany you through all project phases, starting with (preliminary) planning right through tendering, construction management and testing to the end of the warranty period and beyond.



## The right concept for each requirement

### 01 Air conditioning for data centers

We work together with you to develop an efficient and effective air conditioning concept that focuses on operational safety and energy efficiency.

### 02 Air conditioning for people

Air-conditioning systems for people not only serve to create a balanced indoor climate, but also contribute significantly to the "well-being" of your customers and employees.

# POWER ENGINEERING

The foundation for a sustainable reduction of your operating costs

Energy consumption accounts for the greater part of operating costs in technical facilities. In times of rising energy costs and climate protection, the topic of energy is a central issue for the future.

In order to reduce costs and conserve resources, efficient energy management (e.g. according to DIN EN ISO 50001) and appropriate energy technology are a prerequisite.

The following measures can help us realize large savings potentials:

- New or modernised installations
- Heat recycling
- Combined cold and power / combined heat and power
- Optimisation of all relevant parameters
- Use of renewable energy
- Conducting energy audits

Moving well-planned and sustainably into an energy- secure future



We are happy to advise you on all energy-related measures and develop customized solutions that meet your requirements optimally. We manage your project from the analysis of the status quo to the planning, realization and monitoring of the ongoing operation as well as to its maintenance and optimization.

# TECHNICAL BUILDING EQUIPMENT FROM A SINGLE SOURCE

For years now, we have been supporting a large number of customers from various sectors in the field of technical building equipment throughout Europe. In addition to refrigeration, air-conditioning and energy technology, KB KälteBeratung also covers the sanitary, ventilation, heating and measurement as well as control technology sectors within the services offered.

Aiming to optimize your investment costs and reduce your operating costs, we offer you cross-sector know-how and holistic advice for all technical systems.

In our range of services, we cover all phases according to HOAI (Fee Structure for Architects and Engineers), starting with the basic assessment, through the various planning and award stages, to system monitoring and support, and beyond (e.g. monitoring, audits, activities involving expertise).

For example, we plan customized to your needs:

- Interdisciplinary concepts for heating, ventilation, air conditioning and sanitary installations
- Water supply, water disposal and water treatment plants
- Ventilation systems for buildings
- Heat supply systems
- Refrigeration and air conditioning
- Measurement and control technology
- Photovoltaic systems

## THE DIRECT LINE TO KB KÄLTEBERATUNG

Should you have any queries, need information or would like to meet in person, please get in touch with us. We will be happy to support you with your project!



WEBSITE



CONTACT



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