



**KEEP IT FRESH**





Competent and reliable:

Your manufacturer for  
refrigeration systems



## COMPACT – KEEP IT FRESH

compact Kältetechnik GmbH is one of the leading manufacturers of energy-efficient, sustainable refrigeration machines. Founded in 1992, we develop and manufacture customized refrigeration units for almost all applications - with all common synthetic refrigerants as well as the natural refrigerants CO<sub>2</sub>, NH<sub>3</sub>, Propane, etc.

For more than 25 years, the reliable and sustainable compact solutions »Made in Germany« have been used successfully in the areas of food retailing and processing, commercial and industrial refrigeration. Our experts for refrigeration technology advise you on customised solutions as well as on the proven compact standard solutions and energy concepts.

More than 85 employees are currently employed at the company locations in Dresden and Scharfenstein and work with passion for our customers.



A glance into the  
production process

## PORTFOLIO


We plan, design and manufacture your refrigeration system – specially adapted to your individual application and performance requirements. You can rely on our expertise in developing customised solutions for every requirement, as well as on our proven standard products.

Our standard series offer maximum efficiency on the basis of an established basic concept with a wide range of possible variations. Due to our manufacturer-independent, flexible focus we are able to supply machines with a cooling capacity in the performance range from a few watts up to the megawatt range.

### **Compressor units and compressor racks**

Cascades | Boosters | Condensing units

### **Supplementary equipment**

Heat exchangers | Wiring, Switch cabinets | Container and housing solutions | Pump stations | Heat recovery | -Ejector

### **Chillers**

### **Heat pumps**

### **Technical Support**

Commissioning help, Support | CO<sub>2</sub> Training

## REFRIGERANTS

We manufacture your refrigeration system with natural refrigerants such as CO<sub>2</sub>, NH<sub>3</sub> and propane as well as with all common synthetic refrigerants in compliance with the F-Gas Regulation.

## APPLICATION AREAS

### Food cooling

- ✓ Meat industry
- ✓ Bakeries
- ✓ Food production & processing
- ✓ Wholesalers (fish, fruits and vegetables, dairy)

### Commercial cooling

- ✓ Supermarkets
- ✓ Breweries
- ✓ Shops at petrol stations
- ✓ Canteens and industrial kitchens

### Industry

- ✓ Test stands
- ✓ Pharmacies
- ✓ Laboratories
- ✓ Environmental simulation
- ✓ Cold water, cold stores and deep-freeze facilities





## HIGHEST STANDARDS – EVEN IN SERIES PRODUCTION

Our proven series concepts are designed as a useful, economical und time-saving alternative to customer-specific systems. Your special advantage when deciding for our series products: The high delivery availability allows you a fast and reliable realization of your projects.



### **c-greyline**

Standard series as modular system – quick and easy to configure by yourself, online at [www.compact-kaeltetechnik.de/greyline](http://www.compact-kaeltetechnik.de/greyline)



### **carbo-Rack**

CO<sub>2</sub> Booster for typical supermarket applications, optional with parallel compression and **c-Ejector**



### **carboX**

CO<sub>2</sub> gas cooler unit for expanding existing systems for medium temperature 10 to 20 kW



### **cab**

compact ammonia basics with open screw compressors and oil separator, up to 1500 kW

Your partner in the  
supermarket sector:

Natural cooling with CO<sub>2</sub>





## CONSISTENT ON-DEMAND DESIGNS

### PARTNERSHIP COOPERATION

compact Kältetechnik relies on a close and cooperative relationship with its customers. This means that we are your partner already during the determination of requirements, as well as during the offer phase and the entire order processing. This allows us to customize our concepts perfectly to our customers' needs. Our experienced employees and a high technological vertical range of manufacture enable us to meet all customer requirements flexibly.

This results in specially developed systems with high energy efficiency that are perfectly suited to the specific application. All compact products guarantee excellent quality for long-term trouble-free use due to the optimal design, the use of high-quality components and precise manufacturing.



## FOCUSING ON THE BIG PICTURE

In addition to the space, performance and efficiency requirements of our customers, we also keep an eye on installation after delivery on site. In order to help you to minimise on-site assembly work and installation costs we offer you a high degree of pre-configuration for our refrigeration systems.

To complement our core products, we also offer a wide range of additional equipment. It is up to you to decide which additional components you want to pre-install in your product, e.g. controls, switch cabinets, heat recovery systems, pump units, etc. enclosures for outdoor installations and complete solutions for containers.

A service and user-friendly design of our systems is a central part of our philosophy and saves you time during maintenance and repairs. If required, our specialists can provide you with technical support.

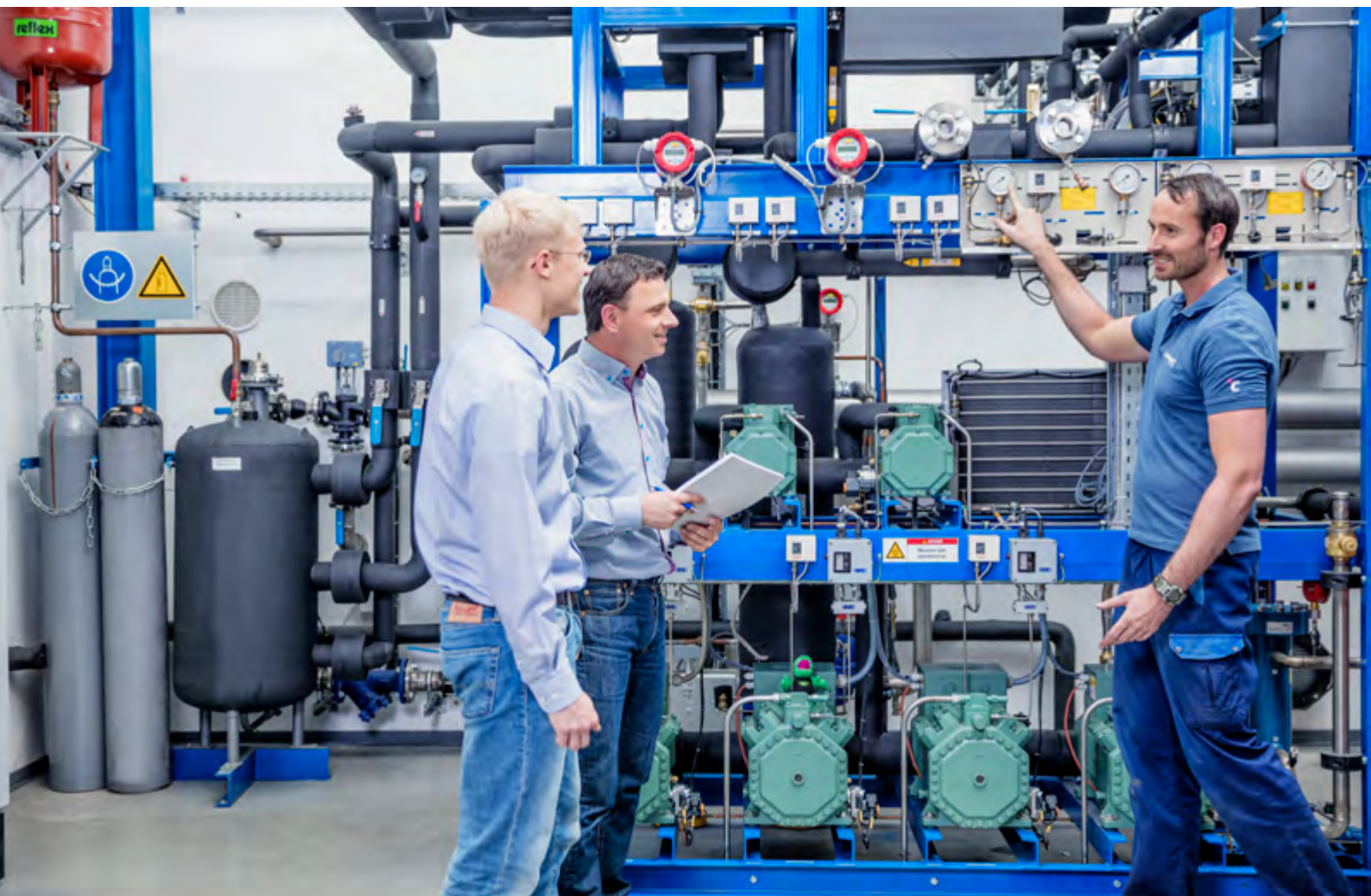


## RESEARCH AND EDUCATION FOR FUTURE TECHNOLOGIES

Environmental aspects such as sustainability and energy efficiency are our fixed criteria for the selection of suitable system technology. This is why our research and development work focuses on energy-efficient system technology and the use of natural, climate-neutral refrigerants.

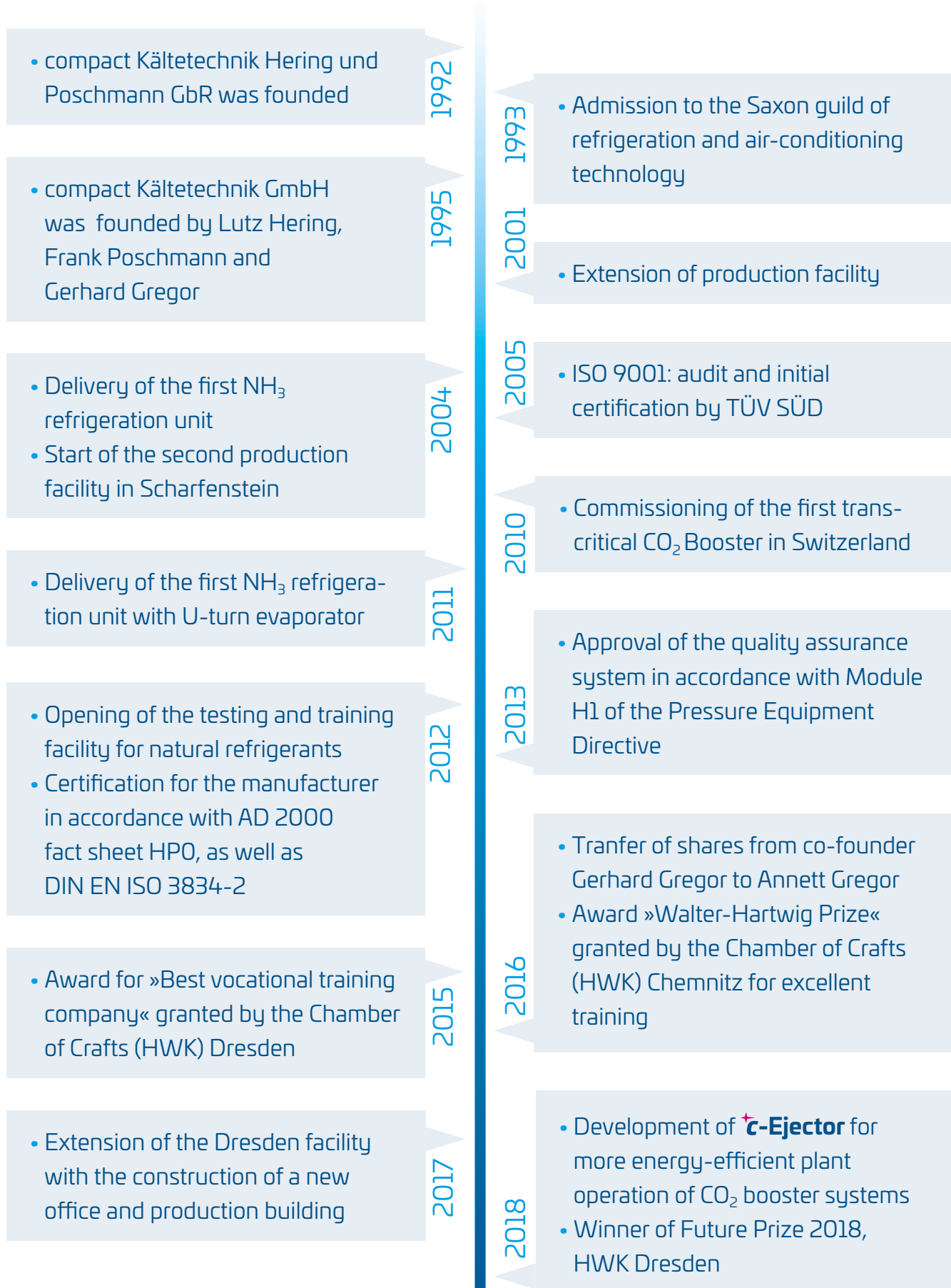
Since 2012, we have been operating a CO<sub>2</sub> booster system in our own testing facility. The knowledge gained in this way has a direct impact on our product concepts. Our proven compact refrigeration units work in subcritical and trans-critical CO<sub>2</sub> applications, in the ammonia industry and in the field of flammable refrigerants.

We offer our partners and customers special training courses on environmentally friendly technology with the future-proof refrigerant CO<sub>2</sub>.





## MILESTONES FROM OUR HISTORY





## WELL POSITIONED – AN EXTRAORDINARY TEAM

It's not just the pleasant working environment that makes working with compact fun. The company's integrated and ambitious team of experienced experts and young specialists offers an excellent working atmosphere.

High personal responsibility of each employee as well as the ability to find solutions in the team create the basis for excellent results.

For more than 20 years, the training of young people in the company has been an important factor for securing qualified employees. More than ten trainees work at compact at any one time.





For our outstanding training performance we have already been honoured with the award for “Best Vocational Training Company” and with the “Walter Hartwig Prize” by the Chambers of Crafts in Dresden and Chemnitz.

A high qualification level of our employees is ensured by various advanced training options, such as dual study or technician training. At the same time, the company also provides further career opportunities.

We received the Future Prize 2018 from the Dresden Chamber of Crafts for our exemplary work in securing specialists and recruiting new talents. The motivation, experience and commitment of our employees provide our customers with confidence and security for excellent results. Refrigeration is our passion.



COMPETENCE AND EXPERIENCE  
AT THE HIGHEST STANDARD



## QUALITY ON ALL LEVELS

The excellent quality of our products is proven all over the world. It is based on the use of high-quality components, which we source from renowned brand manufacturers only. Equally important is the know-how that our specialist engineers, technicians and assemblers bring into the manufacturing process. Regular training courses and further training measures safeguard and build on this specialist knowledge.

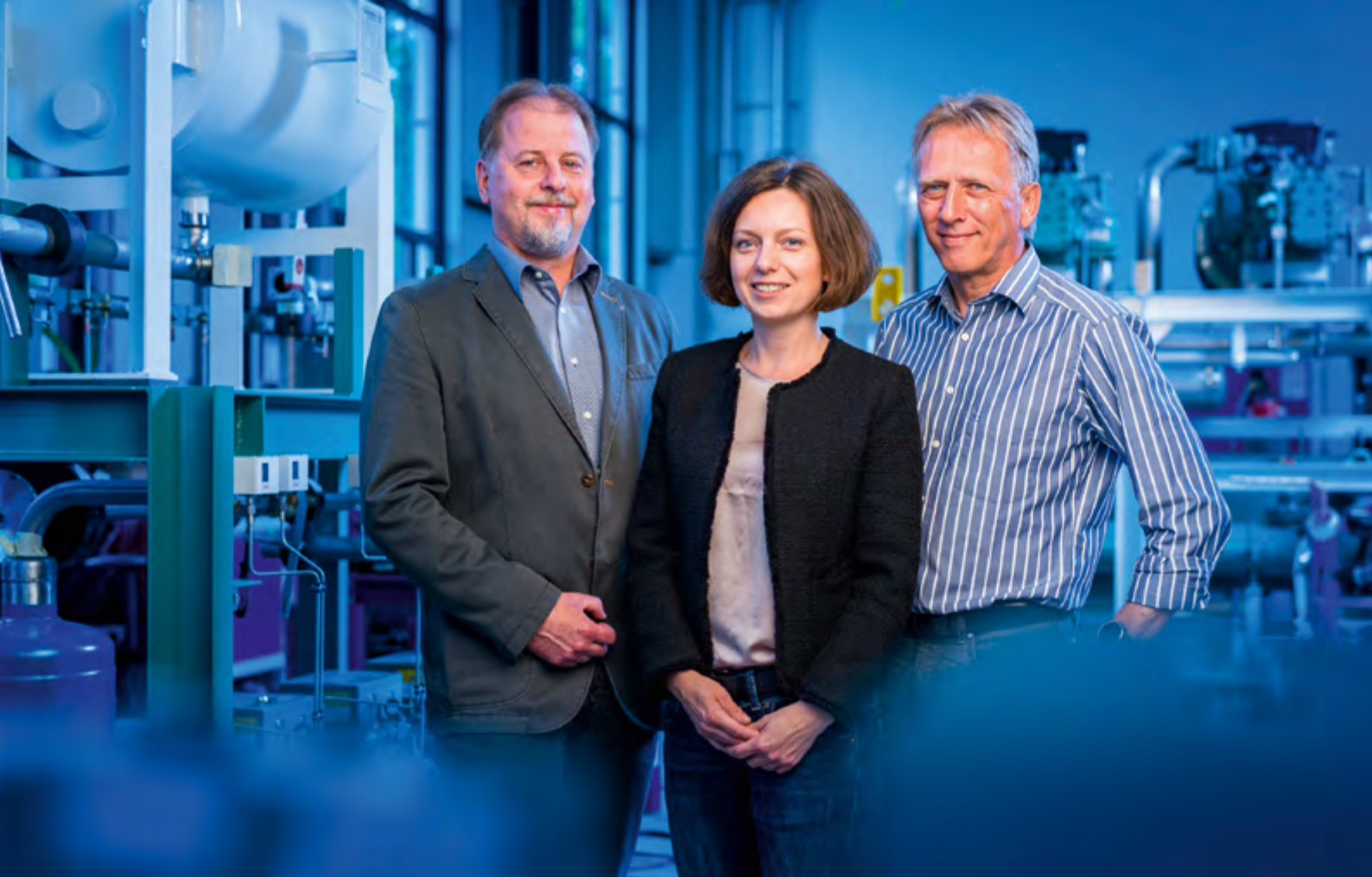
We guarantee that our chillers are manufactured based on DIN EN 378, the Pressure Equipment Directive and other recognised technical standards. All processes within the company are certified in accordance with ISO 9001 and are controlled and audited on a continuous basis. Our company is certified as a specialist welding company in accordance with AD 2000 HPO and certified in accordance with Module H1 of the Pressure Equipment Directive. Therefore we guarantee a complete and permanent quality control.





Your safety:  
our guarantee of quality  
for compact products





We stand for the big picture.  
Competence. Creativity. Reliability.

 **compact**  
KÄLTETECHNIK

**compact Kältetechnik GmbH**

Dieselstraße 3 | 01257 Dresden

Phone +49 351 207 97-0 | Fax +49 351 207 97-20

mail@compact-kaeltetechnik.de

[www.compact-kaeltetechnik.de](http://www.compact-kaeltetechnik.de)

