

*150 years of company history*

*New production and workshop*

*CHILLVENTA 2016 entry vouchers*

*NEW PRODUCT - The solution for CO<sub>2</sub> applications*

*Natural refrigerants*

*Selection software for refrigerant pumps*

*3D planning data*

*HERMETIC personal*



Company founder Wilhelm Lederle

**150 years of company history:**

**Technical history, pioneering spirit and innovative pumping solutions**

More about [company history](#)

Everything started with the delicious juice of the grape. In 1866, Wilhelm Lederle developed the first manual wine pump. 150 years later, the company, which has meanwhile become one of the leading manufacturers of hermetically sealed pumps, under the name of „HERMETIC-Pumpen GmbH“, can look back on a successful company history. Even today, for HERMETIC everything revolves around the pumping of valuable, critical and dangerous fluids using pumps built according to the hermetic principle and to the latest technical standards.



**New production and workshop:**

**Commitment to the location Gundelfingen**

With the new building of production and workshop, the area will be enlarged by 3.500 m<sup>2</sup> at the location in Gundelfingen. The new hall includes a paint shop, the new shipping and logistics center and thus forms the basis for an optimized process flow - for fast delivery times and availability of your refrigerant pumps.

## CHILLVENTA

International Exhibition  
Refrigeration | AC & Ventilation | Heat Pumps



**Entry vouchers:**  
**CHILLVENTA 2016**

This year also, HERMETIC-Pumpen GmbH looks forward to welcoming you at the Chillventa. Innovations and proven technology will be exhibited from 11-Oct-2016 to 13-Oct-2016 in Hall 7, Booth 7-208.

You are cordially invited. Ticket vouchers can be found [here](#).



**NEW PRODUCT – HERMETIC refrigeration pump type CAMh:**  
**The solution for CO<sub>2</sub> applications in refrigeration technology**

More [information](#)

### **Refrigeration pumps for natural refrigerants:**

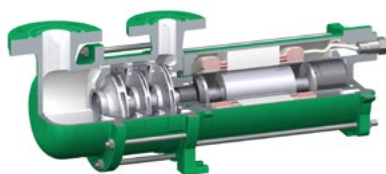
***Wear-free operation by combining high-quality bearings and axial thrust balancing***

Not only since the F-gas regulation was enacted by the EU, natural refrigerants have become an increasingly important focus of plant engineering. The use of the environmental friendly refrigerants as energy carriers, however, poses new challenges to plant engineers – challenges which you solve with refrigeration pumps of HERMETIC.

### **ZART® design philosophy (Zero Axial and Radial Thrust)**

For this proven pump technology, friction bearings lubricated by the refrigerant are used. They support the rotating part (rotor) of the pump. In combination with an efficient axial thrust balancing a non-contact and therefore wear-free operation of the pump is possible.

Reliability, safety and absolute tightness of the pumps are obvious for us.



**ONE PUMP. ALL APPLICATIONS.**

More [information](#)

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**Online design program:**

**HERMETIC selection software for refrigerant pumps**

The user-oriented selection software makes it easier for you to choose the refrigerant pump that is right for you.

Key benefit:

**NEW: Pump selection for operation with frequency converter**

- direct input of the required refrigerating capacity
- dynamic choice, selection according to power consumption, NPSH
- all common refrigerants are put into the database
- integration of different pump protection mechanisms:
  - Q-max-orifice
  - constant flow regulator
- choice of different systems of units
- automatic datasheet creation (incl. pump and motor data and performance curves)

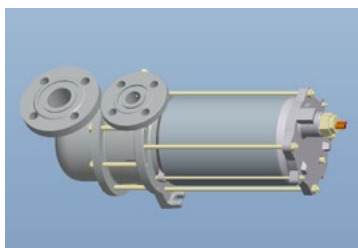
Would you like to convince yourself of the numerous benefits of our new selection software? It's as easy as this:

Register quickly and easily as a new user on our [homepage](#). After you have registered and received your access data, you can immediately test the selection software with no obligation.

Users who are already registered just have to logon with their existing access data. It is not necessary to register again.

If you have forgotten your access data, please send us an e-mail to [register@hermetic-pumpen.com](mailto:register@hermetic-pumpen.com). You will receive the necessary access data right away.

Do you have requests or suggestions to the selection software, please write to: [kontakt@hermetic-pumpen.com](mailto:kontakt@hermetic-pumpen.com)



example view of STEP file

**3D planning data:**

**Digital support for preparation our plant planning**

The quick and easy availability of planning data and technical information plays an increasingly important role in everyday working life. For this reason, HERMETIC provides, in addition to its online design program (whereby pump and motor data are calculated using the parameter values for the refrigeration equipment), 3D planning data (in so-called STEP files). The data can be requested as early as the date of the offer. Alternatively, our [contact link](#) can be used (please include the keyword "STEP" in your message)



**HERMETIC personal:**

***Our sales team for refrigeration pumps***

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We hope that you can learn useful details and innovative ideas for your daily business from our newsletter.

***Impressum***

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