

The OLAER Product Range

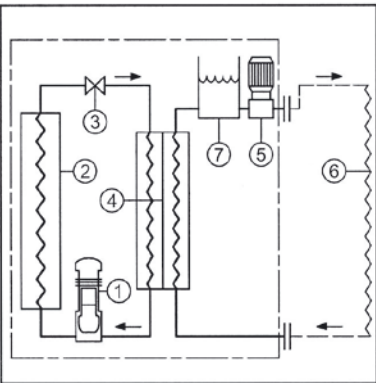
Oil and Water Chillers for Industrial Applications



Standard Applications

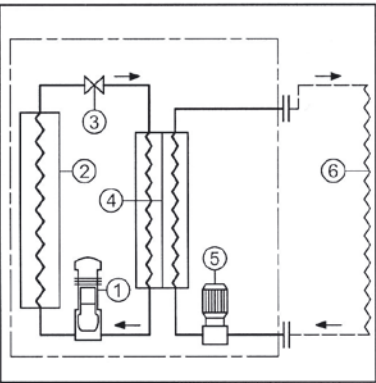
The standard OLAER range offers a wide selection of water or oil based Chillers with cooling capacity from 1 to 50 kW.

Each standard model is available in three sizes.



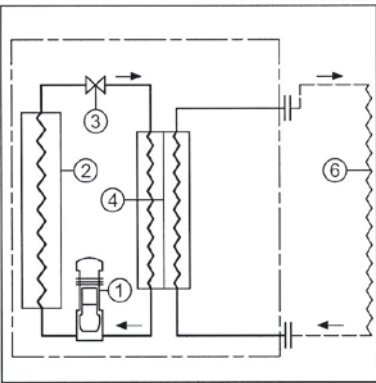
Model - NE
with tank
with pump

- ① Compressor
- ② Condenser
- ③ Expansions valve
- ④ Evaporator



Model - ND
without tank
with pump

- ⑤ Load pump
- ⑥ Load
- ⑦ Tank



Model - ND0
without tank
without pump

Customer-specific Requirements

Cooling capacity from 1 to 300 kW

Our in-depth analysis of a customer's cooling needs often bring specific requirements to light, such as:

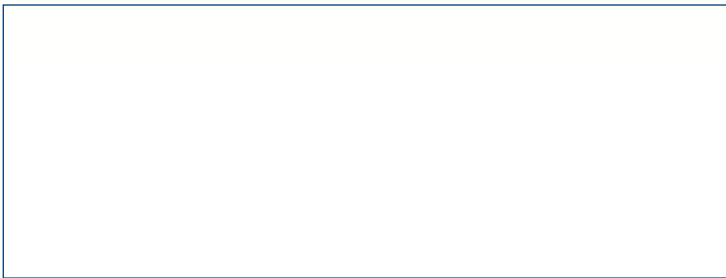
- Compliance with national or customer-specific legislation
- The integration of specialized features in the hydraulic circuit
- Multiple cooling positions requiring multiple circuits running from one cooling system
- Integration of the cooling system's electronics into the host system's electronics
- Remote monitoring
- Outdoor location
- Cooling systems without active cooling „Heat exchange units“
- and many more...

Our experience and flexibility enable us to offer customized cooling solutions at an attractive price.

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Water Cooling Systems

Oil Cooling Systems

Your Partner
for Cooling
Systems

- Standard Applications
- Specialized Applications
- Benefits
- Know-How
- Quality
- Service Network

The OLAER „Power Chiller“

Oil and Water Chillers for Industrial Applications



The OLAER „Power-Chiller“

Compact - resilient - dependable

Know-How You Can Count On

There are many variables that influence machine and system cooling and it is only through precise analysis of a given situation, coupled with awareness for a particular requirement, that the optimal solution can be found.

With an OLAER system, you profit from many years of experience in industrial cooling, which has enabled us to gain extensive knowledge of every aspect of the subject. Our policy of continuous development guarantees that this knowledge is incorporated into all of our products.

Quality, A Promise That We Keep

We use tried and proven technology, supported by a policy of continuous research and development, to make sure you can rely on the cooling systems we build.

We pride ourselves on quality that is state-of-the-art, and regard it as a matter of course that all OLAER systems are certified to comply with pertinent legislation, directives and industrial standards laid down by the relevant governing bodies.

Service Network

We are fully aware that cooling systems are often installed in manufacturing systems that work round the clock, making dependability and availability prime criteria. OLAER has a worldwide network of service partners to support you, should the need arise.



OLAER – Your Partner for Cooling Systems

Talk to us before your high tech overheats

Hard work makes you perspire

It's easy for us. When we feel hot, we just have a cold drink or step into cool water and then we feel good. But what can we do to prevent machines, manufacturing systems or processes from getting too hot?

In recent years there has been a market trend towards higher speed, greater accuracy and higher capacity in machine and system design, causing a notable increase in complexity. Furthermore, the move towards globalization results in production centres being established in countries with climatic conditions that can best be described as extreme.

These factors have one common effect; they produce heat, excess heat that has a negative effect on system reliability, manufacturing accuracy and productivity, ultimately resulting in a reduction in product quality. **Obviously, this heat must be removed.**

Benefits that make sense

Specific cooling allows:

- Shorter working cycles, resulting in higher throughput.
- A fundamental improvement in the manufacturing system's thermal stability, bringing with it higher consistency and fewer rejections. In machine tools, for example, a temperature shift of as little as 1°K can make a difference of 1/100 mm in machining accuracy.
- A noticeable reduction in both running and maintenance costs, as lower working temperatures result in higher reliability and giving the manufacturing system a longer working life.

Today, water is regarded as a vital resource throughout the world, with the result that the cost of water is on the increase. Many countries have introduced legislation that prevents tap or fresh water from being used as an industrial coolant.

The use of active cooling systems saves money in real terms, as you no longer have to meet the cost of water and wastewater. Instead, you make a valuable contribution to sustaining the environment.

„Power-Chiller“

Just ask us, - we've got the ideal solution for all your cooling requirements.

