



... thanks, of course,
to ef cooling technology –
an overview of our products!

ef cooling
Switzerland



Cooling equipment for special applications

«ef cooling, in collaboration with its technology partners throughout the world, provides the optimum cooling system for any production plant. The experience from resolving hundreds of cooling problems is combined with the latest technology and ideas for optimising energy are used to provide solutions to complex cooling requirements»

These cooling equipment is designed and built precisely to meet your requirements and comes fitted with any necessary accessory. Our water- and oil-cooled systems are used as a basis, with plant-specific additions, such as:

- Water desalination systems
- Water filtration
- Built-in or external tank pumping unit
- Special voltages
- 50 Hz / 60 Hz designs, all voltages
- With free cooling and/or heat recovery

The temperature can be regulated in many different ways, such as:

- 2-position regulator
- PID regulators with target value input
- Temperature differential regulation based on a reference temperature (e.g. the machine bed temperature)
- SPS Integration

There are no limits to the cooling requirements worldwide, in vastly different processes. ef cooling's team can also solve your problem.

WOK water/oil-cooling equipment

Every cooling system can be combined based on different forms of coolant. Water/oil-cooling equipment is a combination for cooling water/emulsions and oil. The advantages are the compact nature of the unit with a single refrigeration circuit and two or more coolant circuits. We build water/oil-cooling equipment according to application or the customer's wishes in air or water-cooled design with the operating accessories desired.

Performance data

The performance details correspond to the values for water and oil-cooling equipment.

Cooling equipment with free cooling and/or heat recovery

From the point of view of optimising energy and saving the environment, in larger plants it makes sense to transfer the extracted heat to the domestic heating and hot water systems by means of a heat recovery system.

In areas where the external temperature often falls below the initial temperature, it is useful to operate the cooling unit without compressor cooling in free cooling mode. This can reduce operating costs by up to 80%. Free cooling mode, even in combined pre-cooling operation, places less load, or even no load, on the components of the cooling equipment and the fluid cooler, increasing the life of the system as a whole.



Above:
water-water-/oil-cooling equipment WWOKL

Below:
Central cooling system with free cooling

**ef cooling, in collaboration
with its technological partners
throughout the world, provides
the optimum cooling system
for each production plant**

We plan, develop, construct and build cooling systems. In so doing, we have now solved, to date, some one thousand temperature problems, even though hardly any job was the same as any other.

We manufacture and carry out our Research & Development, Servicing, Sales and Marketing activities in Dällikon/Zurich, Switzerland. Some years ago, as part of the continuous strategy for growth, ef Productions AG was established, especially to produce mass-produced systems.

We have been developing and marketing industrial cooling systems worldwide since 1964. During this time, we have built up a network of development and technological partners, from which nowadays all our customers can benefit.

We regularly invest specifically in the development and evaluation of new technologies and products, paying particular attention to environmental friendliness, energy savings, economy and increase in quality.

ef cooling is your address for:

- Water coolers
- Oil coolers
- Multizone cooling/heating units
- Customer-specific and combined units
- Cooling systems for various other media
- Heat-recovery plants and designs
- Free-cooling plants and designs
- Prototypes and serial production
- Engineering
- Servicing and recycling



ef cooling

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