



## Cooling applications

Efficient and reliable cooling solutions from Alfa Laval



There are many factors to consider when you plan a cooling application. For example, you must consider physical factors such as the cooling source, the size of the space and nature of media. It's also important to take into account regulations, architectural limitations and cost.

Having completed thousands of projects, Alfa Laval has extensive first-hand experience in dealing with these issues. We use our knowledge and experience to provide high-quality components for a large number of cooling applications.



## Customized cooling solutions

Most cooling solution consists of one or more heat exchangers. Alfa Laval offers heat exchangers of all sizes, and we can help you customize a solution for your unique cooling needs. Our exchangers are designed with high standards of quality and performance, ensuring you get many years of efficient and reliable service.

## The perfect indoor climate

Comfort cooling applications are typically air conditioning in hotels, office buildings, industrial buildings, hospitals, sports centres and community dwellings. There are two main types of comfort cooling applications: district cooling, which serves a number of buildings, and central cooling, which serves a single building.

A district cooling system has many benefits, including lower energy expenditure and easier operation. You can additionally expect reduced total chiller effect demand, since peak loads can be evened out between many buildings. The system also benefits from professional operation and maintenance.

## Cooling that can take the pressure

Alfa Laval can handle big challenges like providing comfort cooling in skyscrapers. Large quantities of water have to be pumped great lengths through tall buildings – and still maintain pressure. In Alfa Laval's highly efficient solution for cooling tall buildings, gasketed plate-and-frame heat exchangers serve as pressure interceptors for protecting equipment such as chillers and air conditioning units against excessive pressure.

*“Our main reason for choosing Alfa Laval was the worldwide reputation of Alfa Laval as a supplier of high-quality and reliable solutions.”*

Mr. Yeh Yen-Shun, Manager of the  
508 metre high Taipei Financial  
Centre Corp. in Taiwan.

Alfa Laval reserves the right to change specifications without prior notification.

### How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at [www.alfalaval.com](http://www.alfalaval.com).