



Heating applications

Energy-saving heating solutions from Alfa Laval



When the outdoor temperatures turn cool, comfort heating systems provide a warm place indoors. Alfa Laval provides energy-saving heating solutions that can be personalized to fit your heating requirements. Possibilities range from an apartment unit to commercial heating and industrial heating environments.



Warming many through district heating

District heating is an environmentally friendly and reliable method of delivering comfort heating. Heat generated in a central boiler plant is transferred via hot water or steam to numerous buildings through pipes. A very wide range of sources can provide the heat, including geothermal sources, oil, natural gas, coal, bio-fuel or waste incineration.

Renewable energy: the future is now

During the warm summer season, when a building's heating system is not used to full capacity, excess capacity from the existing heat source can be used for heating outdoor swimming pools. Additionally, renewable energy such as solar power can be used as an alternative or supplemental energy source.

Heat recovery reduces costs

Using heat recovery, during manufacturing and other processes, for heating buildings is an energy saving measure that minimizes costs and boosts your bottom line. In addition to a comfort heating system, which circulates heat in a residential, industrial or commercial setting via a radiator or ventilation, floor heating can be used as a supplement.

“The exhaust gas from the cogeneration engine in the Bank of America Building at One Bryant Park goes through a heat recovery boiler and produces steam. The steam is then used to heat the building in the winter and to run a smaller absorption chiller during the summer. We use somewhere around 70% of the total energy in the natural gas we use as fuel, instead of about 30% that is used at a utility power plant.”

Don Winston, Vice President of Technical Services at the Durst Organization.

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.