



Geothermal heating

An environmentally friendly, cost-effective choice



Geothermal heating utilizes the energy from the interior of the Earth. It is environmentally friendly as it enables a reduction in fossil fuel combustion. As a rule, it is also an economical choice. Geothermal heating is usually used as a complement to other heating sources.

If the geothermal water temperature is high enough, the heated water can be fed directly to a heat exchanger and then used in district heating systems. There are also industrial and agricultural uses for geothermal heating. The most notable of these is greenhouse heating, where the use of geothermal heat may reduce energy costs considerably.



Geothermal heating around the world

The introduction of heat pumps has facilitated an increasing number of geothermal heating applications around the world. The geothermal heat pump makes it possible and economical to use low-temperature heat from the ground or groundwater. Alfa Laval gasketed plate-and-frame heat exchangers with stainless steel or titanium plates are your best choice in applications with corrosive media like geothermal water.

“Like all businesses these days, you have to think about sustainability, the environment and the best use of a limited resource. Alfa Laval was able to help us achieve a solution because their technology is so efficient.”

Martin Lobb, Managing Director, Polynesian Spa in Rotorua, New Zealand.

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.