



Tap water heating

Dependable and safe hot water systems



The access to heated tap water is a crucial component of modern living. We depend on it where we live and work, as well as in public environments. That is why your installation must be reliable and economical, and above all, it must provide sanitary water.

Alfa Laval heat exchangers have earned engineering trust in the area of heating of tap water. Our equipment provides heated water instantly and continuously, and more importantly, offers complete security against impurities from the primary side, including the Legionella bacteria.

Alfa Laval heat exchangers also reduce installation space and facilitate easier cleaning of a tap water network.



Domestic hot water

Alfa Laval supplies complete, ready-to-install solutions for hot water in flats and single-family houses. Our domestic hot water solutions can also be used in apartment blocks, hospitals, nursing homes, hotels, schools, office building, sport centres, and other public buildings.

Tap water heating on demand

Alfa Laval has systems for tap water that provide instantaneous and semi-instantaneous tap water for hot water applications. Our systems meet domestic hot water requirements in large-scale environments and are connected to the hot water distribution pipe work from the boiler.

These systems provide domestic hot water where and when it is required. One system instantaneously provides “endless” access to domestic hot water. An alternative system is connected to a buffer vessel and provides semi-instantaneous domestic hot water with the added benefit of hot water storage.

Preventing Legionnaire’s disease before it starts

Legionella bacteria occur naturally in water sources and can grow quite easily given the right combination of materials, deposits, and temperature levels. People can become infected by inhaling the bacteria with water vapour when showering or washing, and the disease may be fatal unless treated in time.

Alfa Laval has an anti-Legionella treatment system to battle the bacterium in hot water systems by using thermal disinfection. This is crucial for a large range of hot water systems including those in hospitals, hotels, schools and public baths as well as in shower rooms found in work places and sports facilities.

“People often ask about the problems associated with keeping the water from freezing in Antarctica, but the Alfa Laval solution has made this one of the least troublesome aspects of our operation.”

Kevin Rigarlsford, Maintenance and Field Engineer
at Antarctica 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.