



Condenser protection

Preventing pollution-related chiller shutdown



Pollution increases the risk of a chiller shutting down by causing operation problems in the condenser. The condenser is vulnerable to attacks from corrosion-causing chlorides, fouling impurities and biological activities in water. As expectations for trouble-free cooling operations have increased, alternative solutions that avoid these problems have become more effective and economically viable.

These problems can be avoided by using an Alfa Laval gas-gasketed plate-and-frame heat exchanger in combination with a cooling tower or a free cooling source that creates an indirect system, such as a river or lake

The comparative advantages for this system include less expensive materials for the condenser and less frequent condenser maintenance. An intermediate heat exchanger can also minimize water treatment chemicals, for example chromates used for the cooling tower water.

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.