



How it works

With the help of the Alfa Laval sensor kit, the operating data is collected from your heat exchanger continuously. We utilize a field gateway to securely transmit the data to our cloud-based IoT platform, ALIoT. Authorized users can then access the data anytime for real-time analysis. The platform has a user-friendly dashboard that keeps you informed about your heat exchanger's condition and performance.

With seamless access to the Alfa Laval IoT platform, you have a clear view of your heat exchanger's condition – empowering you to act at the right time.

How the service can be delivered



On site



Remotely



At service centres



On board



In dry dock

Alfa Laval

Performance monitoring light

for gasketed plate heat exchangers

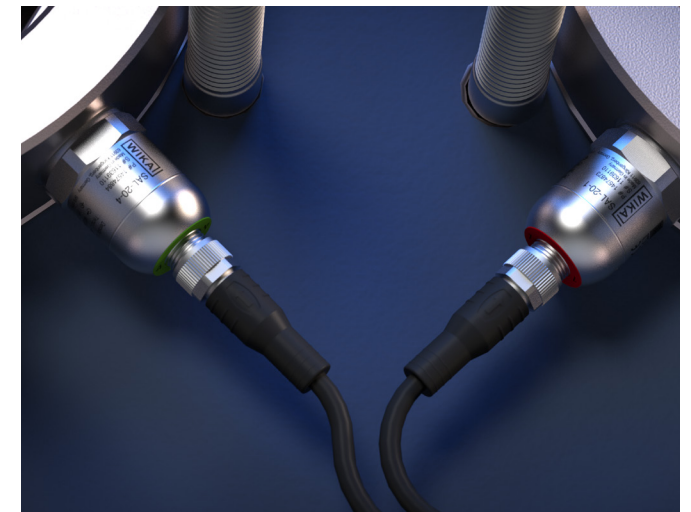
Make data-driven maintenance decisions

Keep a close eye on the state of your heat exchanger to optimize your maintenance schedule. With the tools to monitor your unit's mechanical and thermal health in real-time, you will know about changes in critical components before issues arise. This way you can make sure your unit is cleaned at the most convenient and cost-effective time.

We offer performance monitoring through ALIoT – our cloud-based platform that provides data of performance parameters.

Our services help you with:

- Assessing the current state of your heat exchanger
- Reduced downtime through optimized service



Example

Leading manufacturer enhances production efficiency through smart thermal monitoring

A leading manufacturer of lead acid battery separators faced issues with biofouling in their open cooling tower system and gasketed plate heat exchangers. The fouling led to unreliable cooling performance and potential equipment failures. Since the quality of their products is dependent on the cooling performance, the company implemented Alfa Laval's Performance Monitoring solution to gain insight into the fouling issues.

By adopting our services for performance monitoring, the manufacturer could access real-time data about their equipment through our IoT platform and dashboard. This allowed them to track the fouling impact and set up a data-driven maintenance schedule, keeping the fouling at a minimum, and optimizing the performance of the cooling system.

Performance monitoring proved to be an effortless solution, offering benefits that went beyond solving their immediate challenges.

Benefits

- Avoid unplanned downtime
- Reduced maintenance costs by avoiding unnecessary service
- Reduced water and energy consumption
- Improved reliability of the cooling system



Performance monitoring light



Related services

Performance assessment

Performance monitoring premium

Contact Alfa Laval

Service and support

We are here to help you!
Please provide details about your needs,
and we'll connect you with the best team
to advise you.



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