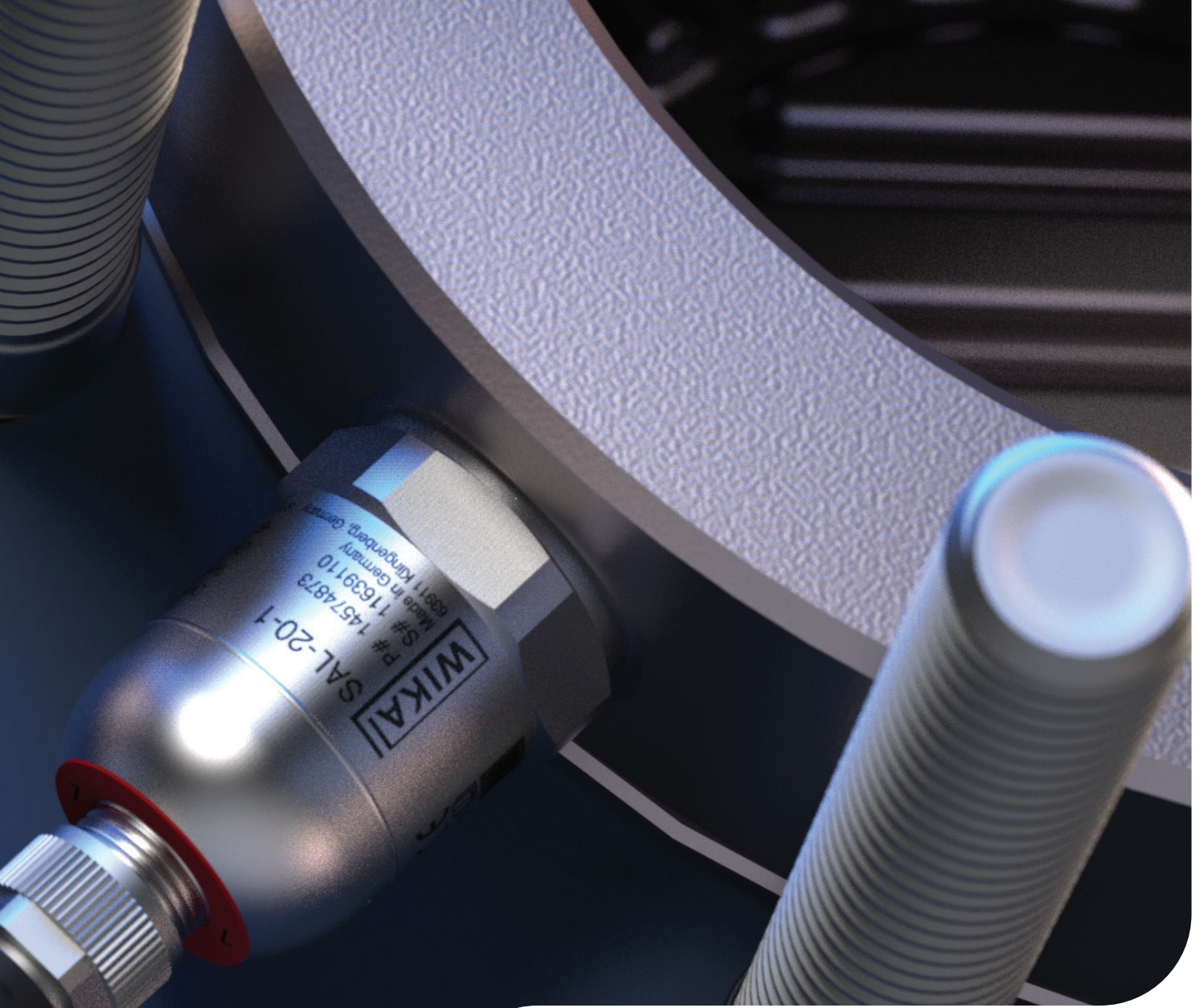




# The Smart Heat Exchanger





Do you want to avoid unplanned maintenance? Maximize performance to reduce operational costs? And improve reliability to increase uptime?

The **Smart Heat Exchanger** is an online connected service, proactive monitoring for gasketed plate heat exchangers.

Sensors on the equipment, and our dedicated analytics, enable oversight of its current and future status.



Scan to watch video

# Unique features of Smart Heat Exchanger

## Conditioning monitoring

Provide insight on the thermal condition of the plates and mechanical condition of the gaskets to help you keep track of critical operational parameters.

## Predictive maintenance

Give you an indication of when the plates should be cleaned, and the gaskets to be changed. Optimize your next service interval and avoid unplanned shutdowns.

## Performance optimizer

Guide you on how to operate, service and redesign your asset for reaching the best performance. Reduce your energy consumption, operational costs and CO<sub>2</sub> emission

## Remote support

Allow our experts to stay close to you, anytime. By acting faster and more accurately with instant data, we help you to avoid breakdowns and maximize your asset health.

# What's included in our offering?

- Connectivity sensor kit on each gasketed plate heat exchanger.
- Field gateway that will collect data from each sensor kit and send it to the Alfa Laval IoT cloud platform for analysis
- Hardware warranty: Full coverage on specific hardware that enables Smart Heat Exchanger for as long as your Alfa Laval Connectivity Agreement is in place (according to specification and normal operating condition).
- Access to all Smart Heat Exchanger features through your dedicated cloud-based software user interface
- Performance reports: Download your report whenever you want, comparing key indicator performance from previous quarters or years.
- Support: our experts will help you to forecast critical events, define the best service strategy, improve your global performance and your sustainability footprint.
- Free upgrades: Cost-free upgrades to the latest version of cloud-based software, always ensuring the most accurate connected service.

## Did you know...

Up to 2.5 % of global CO<sub>2</sub> emissions can be prevented by running heat exchangers at optimal performance?



# Get started today

1. Sign an Alfa Laval Connectivity Agreement.
2. We ensure with you that the hardware is delivered, implemented according to the installation manual and that the system functions correctly.
3. Selected people receive full training to understand all aspects of the system.
4. You are now ready to see the many benefits of Smart Heat Exchanger.







### **This is Alfa Laval**

Alfa Laval is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress – always going the extra mile to support customers in achieving their business goals and sustainability targets.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day. It's all about *Advancing better™*.

### **How to contact Alfa Laval**

Contact details for all countries are continually updated on our website. Please visit [www.alfalaval.com](http://www.alfalaval.com) to access the information.