



## Improved sustainability from day one

### Installation and commissioning supervision for Alfa Laval spiral heat exchangers



Alfa Laval spiral heat exchangers are carefully engineered to provide reliable, efficient thermal transfer in demanding applications. To get the best performance from your new unit, it is important to make sure that it is properly installed and that the entire system is configured according to your specific process needs.

Alfa Laval's global service organization offers professional installation and commissioning support, with experienced local experts who help you secure a smooth start-up and long-term dependability from your new equipment. It's the smartest way to ensure your spiral is optimized to improve process sustainability from the start as well as throughout its long service life.

#### Benefits

In addition to ensuring a trouble-free start-up, installation and commissioning supervision offers a number of long-term benefits:

- Optimized performance for maximum thermal efficiency
- Reliable operation with high uptime
- Compliance with the highest industry standards for safety
- A long equipment lifecycle with low total cost of ownership

Spirals



## Scope

With knowledge gained from Alfa Laval's extensive experience with complex industrial applications, our service technicians help you fine tune your heat exchangers during installation and commissioning to get the best results. They begin by making sure installation is carried out according to requirements. Prior to commissioning, they then check all surrounding equipment, advising on possible steps for process optimization. We can also train your operators on the best methods for using and maintaining your new spiral heat exchanger.

## When is this service right for me?

Installation and commissioning supervision is a smart option for a variety of situations:

- **Making the switch from shell-and-tubes**  
For those unfamiliar with spiral heat exchanger technology, expert support at the start can help you avoid costly problems.
- **A process involving tough operating conditions**  
When working with high pressures, high temperatures or aggressive media, there is low margin for error, and safety is a critical consideration.
- **Two-phase processes**  
Heat exchangers used as condensers or reboilers are crucial to operations. Support from experts with long experience in these applications can make all the difference.

## Service options

Service for Alfa Laval spiral heat exchangers is always fully tailored to fit the design of your unit and the demands of your operation. With installation and commissioning supervision, you can choose from different levels according to your needs:

### 1. Remote review

An experienced Alfa Laval service engineer will review your PID (Process and Instrumentation Diagram), control systems around the unit and your start-up procedures to verify that there are no issues prior to installation and commissioning.

### 2. On-site pre-installation review

A service technician will come to your facility for 2 days to review PID, control systems and start-up procedures, as well as installation and piping.

### 3. Full commissioning supervision

In addition to the services provided in the pre-installation review, your local technician will supervise the commissioning process during start-up.

### 4. Operator training package

In addition to the other services provided as part of installation and commissioning supervision, an Alfa Laval expert can instruct your operators on the best practices for using and maintaining your equipment. Training is fully tailored to your specific needs.



## From expert advice to the latest cleaning solutions and techniques, Alfa Laval is here – with service to keep you growing.

For the market's widest portfolio of welded heat exchangers, Alfa Laval offers an unmatched range of both preventative and reactive services to keep your equipment performing and your business growing. Other services for Alfa Laval spiral heat exchangers include

- Performance audit
- Condition audit
- Cleaning services
- Troubleshooting
- Training
- Spare parts



**ALOnsite**  
Qualified support  
at your facility

Learn more about our service portfolio for spiral heat exchangers at [www.alfalaval.com/spirals/service](http://www.alfalaval.com/spirals/service)

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](http://www.alfalaval.com).