

# Alfa Laval Spiral Heat Exchangers

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[Alfa Laval - contact](#) Alfa Laval Spiral Heat Exchangers Alfa Laval spiral heat exchangers are designed to handle the toughest heat transfer challenges. Whether it's frequent fouling from dirty media, or limitations from pressure drop and floor space, they are the ultimate problem solver for liquid-to-liquid and two-phase duties. Alfa Laval - Welded spiral heat exchangers 6 Alfa Laval - spiral heat exchangers Spiral Heat Exchanger Type 1 Spiral Heat Exchanger Type 2 The Type 1 is a good choice when one, or both, fluids are fouling, due to its self-cleaning effect. Since the fluid flows continuously in one single channel the force of the fluid acts against Alfa Laval spiral heat exchangers Alfa Laval spiral heat exchangers are the ultimate problem solver in extremely dirty and fouling process duties. The self-cleaning features inherent in the design, give unparalleled uptime between service intervals and quick and easy service turn-around. Alfa Laval - Welded spiral heat exchangers Service for Alfa Laval spiral heat exchangers Alfa Laval is the only supplier on the market with more than a half-century of experience with spiral technology. Our robust, efficient and compact designs have a proven reputation for high reliability in some of the toughest process duties across industries. Service for Alfa Laval spiral heat exchangers The Alfa Laval Spiral heat exchanger is the ultimate solution for tough heating and cooling applications. Whether it's frequent fouling from dirty media, or limitations from pressure drop and floor space, they are the ultimate problem solver for liquid-to-liquid and two-phase duties. Spiral heat exchanger for wastewater heating ... - Alfa Laval This animation demonstrates how Alfa Laval welded spiral heat exchangers function when operating in fully counter-current mode as a horizontally installed heat exchanger. Alfa Laval SpiralPro - welded spiral heat exchangers - YouTube Alfa Laval is the only supplier that has been developing and manufacturing spiral heat exchangers since 1962. That's almost 60 years of perfecting this technology - decades longer than any other player on the market today. Alfa Laval welded spiral heat exchangers - Look at the ... This animation demonstrates how an Alfa Laval welded spiral heat exchanger functions when operating as a steam heater to heat up cold fluid such as slurry or very fouling process fluid. Alfa Laval SpiralPro Steam Heater - welded spiral heat ... Alfa Laval has been developing, manufacturing and installing welded spiral heat transfer heat exchangers since 1962. That's decades longer than the other players on the market today. Over 30,000 of our spiral heat exchangers are still in operation - more than all other suppliers combined. Alfa Laval - look at the numbers Heat exchange duties that benefit from the strengths of spiral heat exchangers include: Liquid/liquid heating, cooling or heat recovery, where one or both of the fluids may cause fouling The design, shape and size of the spiral channels can be customized so that they are a perfect match for the demands associated with a wide range of process fluids, thermal duties and industrial applications Alfa Laval - Type 1 The Alfa Laval ALSHE STW is suitable for any sludge/water duty, either as a pre-designed standard, or as a custom design. Applications. The spiral heat exchanger offers unique abilities within sludge treatment applications such as: Heating of sewage sludge in digesters; Heating stages in pasteurization systems; Preheating of sludge for enhanced ... Alfa Laval - ALSHE STW Alfa Laval a leader in supply of Gasketed plate-and-frame heat exchangers provide efficient heat transfer in compact equipment with a small footprint. The units have a flexible design and are easy to service and maintain. Alfa Laval - India Alfa Laval is a leading global supplier of products and solutions for heat transfer, separation and fluid handling through our key products - heat exchangers, separators, pumps and valves. We are always working to drive progress, anticipating the best way forward for our customers and for the environment. Alfa Laval - United States Alfa Laval BaseLine With its cost-effective

frame design, the Alfa Laval BaseLine series of plate heat exchangers is a competitive choice for process and utility duties. Working at pressures up to 10 bar, it handles not only heating and cooling but also pasteurization. Alfa Laval FrontLine The Alfa Laval FrontLine is a top-of-the-line series of plate heat exchangers. Heat exchangers - Alfa Laval - PDF Catalogs | Technical ... In this configuration the spiral heat exchanger is always in a vertical position. The compactness of the Alfa Laval SHE Type 2 and the fact that it is mounted vertically allows it to be installed with a very small footprint compared to the equivalent shell-and-tube unit and reduces supporting structures and piping complexity. Alfa Laval - Type 2 Welded spiral heat exchangers; Let's talk! How can we help you? Name\* Company\* E-mail\* Country\* I consent to have my submitted information stored and processed in accordance with Alfa Laval privacy policy, so Alfa Laval can respond to my request. That information is stored and processed in accordance with our privacy policy. Alfa Laval - contact The manufacturing of Alfa Laval's spiral heat exchangers incorporates an automated process for bending the edge of the channels. This is followed by a cold-metal-transfer automatic welding machine for the final closure weld. The combined effect of this so-called RollWeld technique is consistent quality of the channel closure. Alfa Laval - unique features Alfa Laval can support you with a Performance Assessment that will determine the optimal cleaning intervals for your specific conditions. Always operate in accordance with the design rate to avoid thickening or clogging with fluids that contain solid particles. Use a cleaning method that is optimized for your heat exchanger.

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exchangers function when operating in fully counter-current mode as a horizontally installed heat exchanger.

## Alfa Laval - Welded spiral heat exchangers

Alfa Laval spiral heat exchangers are designed to handle the toughest heat transfer challenges. Whether it's frequent fouling from dirty media, or limitations from pressure drop and floor space, they are the ultimate problem solver for liquid-to-liquid and two-phase duties.

### Alfa Laval - ALSHE STW

The Alfa Laval Spiral heat exchanger is the ultimate solution for tough heating and cooling applications. Whether it's frequent fouling from dirty media, or limitations from pressure drop and floor space, they are the ultimate problem solver for liquid-to-liquid and two-phase duties.

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Alfa Laval can support you with a Performance Assessment that will determine the optimal cleaning intervals for your specific conditions. Always operate in accordance with the design rate to avoid thickening or clogging with fluids that contain solid particles. Use a cleaning method that is optimized for your heat exchanger.

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The Alfa Laval ALSHE STW is suitable for any sludge/water duty, either as a pre-designed standard, or as a custom design. Applications. The spiral heat exchanger offers unique abilities within sludge treatment applications such as: Heating of sewage sludge in digesters; Heating stages in pasteurization systems; Preheating of sludge for enhanced ...

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### Alfa Laval - United States

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### Service for Alfa Laval spiral heat exchangers

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