



Life cycle optimization lifts profitability

Optimize for greater energy savings



Redesign your plate heat exchanger to realize greater energy savings.

Increase energy efficiency by optimizing the design of your plate heat exchangers. By expanding your plate heat exchangers to increase preheating of the media, you can realize big cost savings.

Take, for instance, a large heat exchanger installation where plates were added to raise the preheating temperature by 5°C. The cost of this plate pack extension was €140,000, and the annual savings in operating costs amounts to approximately 10 times the cost of the extension. This means that the extra plates pay for themselves within two months, and subsequent savings can be added directly to the bottom line.

To realize the full potential of your plate heat exchangers, contact your local Alfa Laval representative or authorized Alfa Laval service partner today.

Calculated payback time

Cost of plate pack extension	€140,000
Annual savings	€1.5 million
Payback time	Less than two months

Based on 6,000 operating hours per year, a recovery increase of 5,000 kW and energy costs of €0.05 per kWh.



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