



Life cycle optimization lifts profitability

Optimize for increased capacity



Redesign your plate heat exchanger to maintain product quality, increase yields and boost profitability.

To maintain plate heat exchanger performance when increasing production capacity, you need to adapt the plate pack of your heat exchanger.

A cane sugar processing plant, for instance, planned to raise its production capacity by 20%. Alfa Laval helped the plant extend the plate pack of a key process heat exchanger. By doing so, the heat exchanger reached its new target performance and increased energy savings without compromising product quality. The result? Additional heat recovery of 794 kW, which amounts to €238,200 in annual savings.

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

Plate pack extension cost	€11,000
Annual savings	€238,200
Payback time	Less than one month

Based on 6,000 operating hours per year, a recovery increase of 794 kW and energy costs of €0.05 per kWh.



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