



Life cycle optimization lifts profitability

Optimize for changes in media



Redesign your plate heat exchanger to reduce your operating costs.

To keep your heat exchanger in peak operating condition, it is important to redesign the plate heat exchanger whenever the physical properties of the media change. This may be due to the use of new raw materials, a modification in product ingredients or natural alterations to the media over time.

For example, when the water cut in crude oil increases, it lowers the outlet temperature thereby requiring the use of burners to preheat the crude. In this case, extending the heat exchanger plate pack eliminates the need for burners and pays for itself in less than three months. Actual payback times will vary depending on the installation, media and other factors.

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

Annual operating costs (burner)	€390,000
Plate pack extension cost	€71,000
Annual savings	€390,000
Payback time	Less than three months

Based on 6,000 operating hours per year and energy costs of €0.05 per kWh.



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