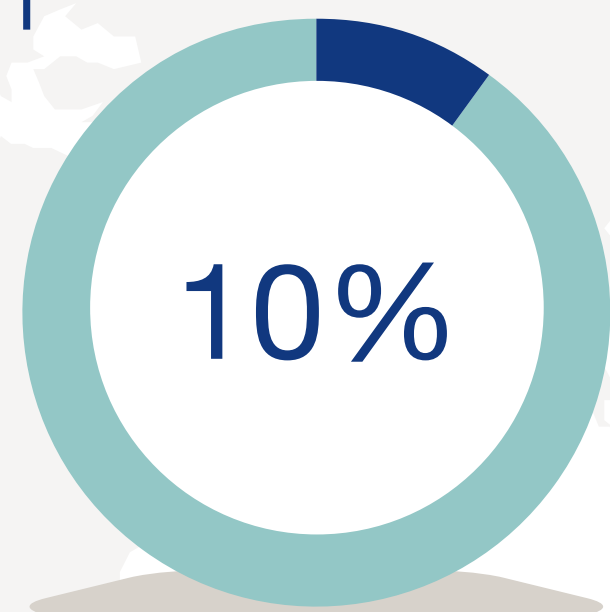


Energy efficiency potential in refrigeration

Plate heat exchangers in refrigeration



Energy reduction compared to a shell-and-tube heat exchanger

A Pacific island dairy plant replaced their R22-based refrigerant system with a modern, efficient and space-saving solution based on **Alfa Laval technology** with a U-Turn liquid separator.



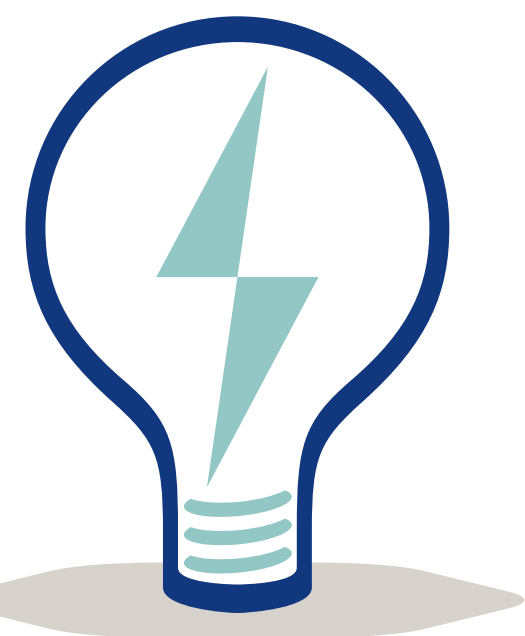
200 kW

Reduction in energy needs

€8000

Annual savings

Our yearly new plate heat exchanger installations:



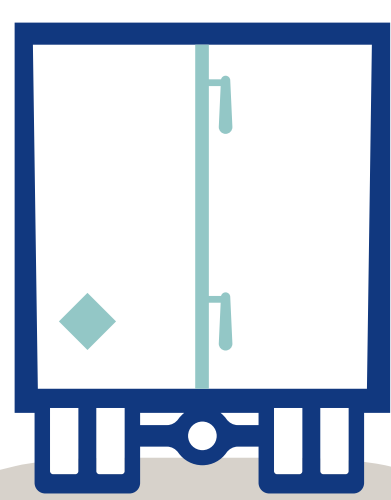
Annual electrical power savings
367 GWh



Energy demands of cooling
170,000
Singaporean homes



Annual emissions reductions
84,000
tonnes



Emissions from
1000
heavy trucks



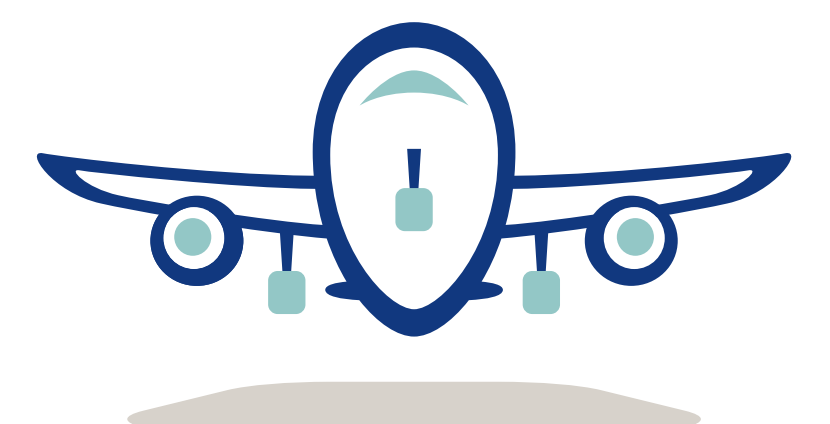
Annual electrical power savings
628 GWh



Energy demands of cooling
290,000
Singaporean homes



Annual emissions reductions
144,000
tonnes



Emissions produced by
470
flights from London to Shanghai

