



Alfa Laval

Waste heat recovery retrofit

For auxiliary engines

Maximize return on your waste heat recovery investment

Reduce fuel costs and improve your vessel's CII rating by retrofitting a well-adapted waste heat recovery system. Alfa Laval's waste heat recovery retrofit concept offers customized solutions, designed to maximize energy gains in relation to your investment. We tailor the options to your vessel and engine design, and the equipment can be installed in dry dock or while you sail.

Our service helps you with:

- Flexible options for the best, most efficient solution
- Energy and fuel savings, even if you switch to a different fuel tomorrow
- Lower emissions and enhanced environmental profile
- Optimal results built on decades of waste heat recovery experience

How it works

Alfa Laval has a wide portfolio of economizers for waste heat recovery, built on a holistic approach and 40+ years of waste heat recovery experience. We can provide the optimal, most energy-efficient solution for your vessel – especially when we identify it through a Waste Heat Assessment.

Our retrofit concept is uniquely flexible, thanks to the different options in our portfolio. These include:

- Smoke-tube and water-tube economizers
- Single-inlet and dual-inlet solutions
- Compact economizers to minimize installation footprint

Two system arrangements are also possible:

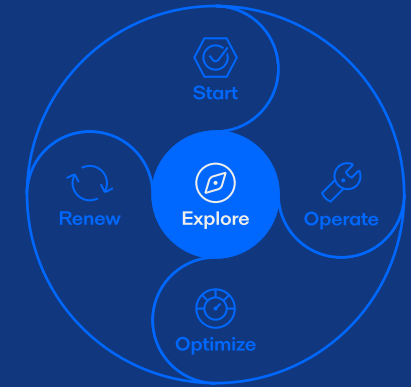
- One requiring a steam space in another boiler (e.g. an existing auxiliary boiler)
- One with its own steam space

Using this flexibility, we can meet your vessel's constraints while helping you recover the maximum amount of exhaust gas energy. Our modular design ensures an ideal solution for every engine room, and it supports auxiliary engines all the way down to 500 kW.

You can count not only on energy efficiency, but also on short payback time and lasting support from our global service organization.

How the service can be delivered





Other services

- Waste Heat Assessment
- Electric steam boiler retrofit

24/7 Service & Support

With service centres, field service engineers and spare parts distribution worldwide, our Alfa Laval Marine Service network is always on the job for you. When you contact our 24/7 Service & Support, our service experts coordinate everything to solve your need – across oceans, continents and time zones.

Contact your local Alfa Laval office

www.alfalaval.com/contact-us

