



Alfa Laval Replacement for Aalborg boilers

Restoring uptime when repairs become impractical



After years of wear and tear or insufficient maintenance, a boiler's performance can be degraded to the point where repair is no longer economical or technically feasible. In such cases, Alfa Laval provides a cost-effective replacement according to your specifications – even on an emergency basis.

What we do

As the leader in marine boilers, Alfa Laval can replace not only Alfa Laval Aalborg boilers and waste heat recovery systems, but also boilers of other brands. We can provide a 1:1 replacement of your original boiler, or supply a new boiler design if your requirements or steam demands have changed.

Installation materials, drawings, engineering, class approvals and other practicalities are all in our scope of supply. You receive a replacement that meets your needs perfectly, either fully assembled or as loose parts for final assembly on board.

Benefits

- Realistic budget
- Restored boiler uptime
- Optimum performance and reliability
- Reduced operational costs
- Long-term peace of mind

Scope of service

Boiler replacement services are available 365 days a year and in any part of the world. Alfa Laval undertakes all phases of a boiler replacement:

- Preparation of the vessel and boiler room for the new boiler installation
- Template fitting, alignment and tack-welding of boiler materials
- Welding of boiler materials
- Installation of valves and mountings
- Pressure testing according to class requirements
- Modification of all system (water and steam) pipes connected to the boiler as per requirements
- Modification of the exhaust gas duct from the boiler
- Installation of insulation and cladding as per requirements

Scope of supply

Alfa Laval can replace the following boilers and waste heat recovery (WHR) systems:

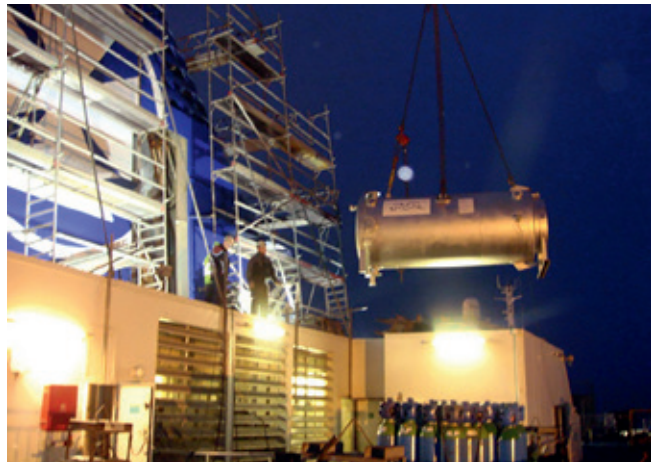
- Alfa Laval Aalborg steam boilers
- Alfa Laval Aalborg thermal oil boilers
- Alfa Laval Aalborg WHR-GT economizers
- Alfa Laval Aalborg WHR economizers (after auxiliary engines)
- Aalborg Vaerft, Aalborg boilers (AV, AQ, etc.)

Replacement boilers can be supplied fully assembled for planned installation in dry dock or alongside, or as loose parts for final assembly on board during voyage or port stays.

The following hardware aspects are included in Alfa Laval's scope of supply:

- Installation materials
- Engineering
- Class approvals and certificates
- Drawings for production and bills of material

Boiler parts are fabricated in ISO-certified workshops using



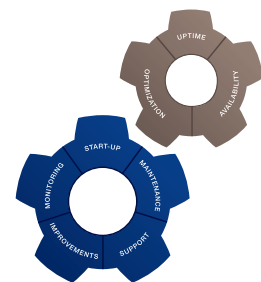
class-approved materials, which are readily available from Alfa Laval manufacturing units. The work is performed by experienced welders/boilermakers, using original documentation for any boiler originally supplied by Alfa Laval.

Other 360° Service Portfolio services for your equipment

- Alfa Laval Installation for Aalborg boilers
- Alfa Laval Installation Supervision for Aalborg boilers
- Alfa Laval Cleaning Services for Aalborg boilers – water washing kit
- Alfa Laval Retrofit for Aalborg boilers – waste heat recovery

Extending performance with the Alfa Laval 360° Service Portfolio

Our extensive service portfolio offers all the services you need to ensure top performance, maximum uptime and operating efficiency from your Alfa Laval equipment throughout its life cycle. Our committed team's expertise and the availability of parts bring you peace of mind.



Alfa Laval reserves the right to change specifications without prior notification.

How to contact Alfa Laval

Up-to-date Alfa Laval contact details for all countries are always available on our website at www.alfalaval.com.