



This is Alfa Laval

Alfa Laval is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress – always going the extra mile to support customers in achieving their business goals and sustainability targets.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day. It's all about *Advancing better™*.

How to contact Alfa Laval

Contact details for all countries are continually updated on our web site. Please visit www.alfalaval.com to access the information.



Dry Dock Kits for Alfa Laval Aalborg boilers

Be ready for boiler maintenance
when the ship arrives

When your vessel is in dry dock, you have a perfect opportunity to prevent incidents and ensure safety during the long period at sea to follow. Aalborg Dry Dock Kits ensure you have everything needed for proactive maintenance or a thorough overhaul of your boiler plant.

Well-packaged expertise

Alfa Laval is uniquely experienced in manufacturing and working with marine boiler systems. Having spent many decades servicing boilers and burners, our Alfa Laval Marine Service specialists know which components run the risk of failure after a certain period of time.

With this knowledge, we have created Aalborg Dry Dock Kits for your Aalborg boilers and burners. Using the kits to perform timely maintenance in dry dock, you can avoid breakdowns during cargo operations, thus preventing safety hazards and the inability to perform key operations.



All the right OEM parts

Carefully assembled by Aalborg engineers, our Dry Dock Kits contain all the correct OEM spare parts for working with your boiler plant. Having one when you arrive at the dry dock means you avoid rush orders and added freight charges. Kits are available in three levels:

- **Basic**
A simple solution containing vital parts
- **Standard**
The recommended solution for standard dry docking every fifth year, containing overhaul parts for most components
- **Plus**
A thorough solution that improves the lifetime and performance of your burner/boiler with your choice of additional upgrades

Ready to assist you

Aalborg Dry Dock Kits contain everything you need to perform service on your boiler in dry dock. If you need support, contact us for advice or to arrange assistance from an Alfa Laval Marine Service expert.

Aalborg Dry Dock Kit (example for Aalborg MISSION OL boiler with KBSD burner)

Item name	Basic	Standard	Plus
Boiler			
Glasses and gaskets for pressure part	●	●	
Overhaul kit for WLG	●	●	
Steam dump valve kit	●	●	
Feed water valve kit	●	●	
Feed water valve sipart positioner	●	●	
Burner			
Pressure switch	●	●	
Temperature switch	●	●	
Automatic air vent valve	●	●	
Nozzle	●	●	
Silencer 1/8"	●	●	
Filter regulator	●	●	
Gasket kit for actuator	●	●	
Overhaul kit for flow meter	●	●	
Repair kit for valve 1"	●	●	
Repair kit for valve 3/4"	●	●	
Flame surveillance			
Photo cell	●	●	
Igniter			
Ignition electrodes	●	●	
Electrode caps	●	●	
Ignition transformer	●	●	
Ignition cable	●	●	
Fuel oil line			
Three-way valve	●	●	
Stop valve	●	●	
Ball valve	●	●	
Control valve	●	●	
Throttle valve	●	●	
Overhaul kit for valves	●	●	
Solenoid for actuator	●	●	
FD fan unit			
Overhaul kit for FD fan	●	●	
Control system			
Power supply	●	●	
Button for 10 turn	●	●	
Potentiometer	●	●	
Ignition timer	●	●	
Timer – too low water level		●	
PCB Kit		●	
PR socket/spring		●	
Unicom card		●	
Unisab panels (local and power)		●	

Add your choice of Plus options to create a more thorough solution that improves the lifetime and performance of your burner/boiler.

Option: Fuel oil valve upgrade

This upgrade replaces your existing burner's pneumatically operated fuel valve with an electrically operated model, which eliminates quality requirements for the control air supply. The result is higher burner performance and reliability, with virtually no maintenance.

Option: FD fan upgrade

This upgrade replaces your existing burner's pneumatically operated FD (forced-draught) fan actuator with an electrically operated actuator, which removes airflow fluctuations that can lead to inefficiency or flame failure. The result is a highly accurate and maintenance-free damper positioning system.

Option: Flow meter upgrade

This upgrade replaces your existing burner's spindle flow meter with a Coriolis flow meter, which is a simple and highly accurate solution without any moving parts. Doing so removes the risk of flow meter jamming and virtually eliminates flow meter maintenance.

Option: Feed water valve upgrade

This upgrade replaces your existing boiler's pneumatically actuated feed water valve with an electrically actuated model, which eliminates the risk of breakdown due to contaminated air. The result is a simpler and more dependable feed water system with almost no consumption of spare parts.

Option: Alfa Laval Touch Control upgrade

This upgrade replaces your existing boiler control system with today's Alfa Laval Touch Control, the modern standard with a robust PLC-based design. Alfa Laval Touch Control offers simple and intuitive touch navigation with clear overview, as well as future-proof expansion opportunities.

