



Service Kits for Aalborg boilers – Dry Dock Kits

Be ready for boiler work 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. Alfa Laval 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 Service specialists know which components run the risk of failure after a certain period of time.

With this knowledge, we have created Alfa Laval Aalborg dry dock kits for Alfa Laval Aalborg OL and AQ18 boilers with Alfa Laval Aalborg KBSD burners. Using the kits to perform timely maintenance in dry dock, you can avoid breakdowns during cargo operations, thus preventing safety hazards and serious consequences such as the loss of HFO and cargo heating.

All the right OEM parts

Carefully assembled by our 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
- **Plus** – the recommended solution for standard dry docking every fifth year, containing overhaul parts for most components
- **Total** – a thorough solution recommended for extending the life of your burner, containing overhaul parts, Unisab controllers and more
- Parts for several upgrades are also included in each of the kits.

Fuel oil valve upgrade

A key feature in all dry dock kits is an upgrade for the fuel oil valve of the Alfa Laval Aalborg KBSD burner. This upgrade (F94) replaces the pneumatically operated fuel valve with an electrically operated valve, which eliminates quality requirements for the control air supply. The results are:

- Higher burner performance
- Burner reliability
- Virtually no maintenance
- Alignment of your existing fleet with modern equipment aboard newbuilds

Ready to assist you

Our 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 Service engineer.



Alfa Laval Aalborg dry dock kits

| | Pos | Item name | Upgrade | DryDock Basic | DryDock Plus | DryDock Total |
|-----------------|-------------------------------|--|------------------|---------------|--------------|---------------|
| Control cabinet | 20E6D | Power supply 24VDC SDR120-24 | ● | | | ● |
| | 40R3B | Button for 10 turn | | | ● | ● |
| | 40R5B | Button for 10 turn | | | ● | ● |
| | 40R7B | Button for 10 turn | | | ● | ● |
| | 40R3B-1 | Potentiometer, emergency operation | | | | ● |
| | 40R5B-1 | Potentiometer, emergency operation | | | | ● |
| | 40R7B-1 | Potentiometer, emergency operation | | | | ● |
| | | Sockets for PR module | | ● | ● | ● |
| | | Retainer spring for PR module | | ● | ● | ● |
| | | 57K6F | Timer – ignition | ● | ● | ● |
| | 10K3E | Timer – too low water level | ● | ● | ● | |
| | | Unisab controllers | | | ● | |
| Main burner | F66 | Automatic air vent valve | | ● | ● | ● |
| | F66 | Gasket kit for actuator | | | | ● |
| | F66 | Silencer 1/8" | | ● | ● | ● |
| | F67 | Repair kit for valve 1" | | | ● | ● |
| | F60 | Automatic air vent valve | | ● | ● | ● |
| | F60 | Gasket kit for actuator | | | | ● |
| | F60 | Silencer 1/8" | | ● | ● | ● |
| | F75 | Repair kit for valve 3/4" | | | ● | ● |
| | F57 | Automatic air vent valve | | ● | ● | ● |
| | F57 | Gasket kit for actuator | | | | ● |
| | F57 | Silencer 1/8" | | ● | ● | ● |
| | F42 | Repair kit for valve 1" | | | ● | ● |
| | F58 | Automatic air vent valve | | ● | ● | ● |
| | F58 | Gasket kit for actuator | | | | ● |
| | F58 | Silencer 1/8" | | ● | ● | ● |
| | F44 | Repair kit for valve 1" | | | ● | ● |
| | F62.1 | Filter regulator for F148 | | | | ● |
| | F63.1 | Filter regulator for valve block | | | | ● |
| | G111 | 3-way valve repair kit | | | ● | ● |
| | G111 | Actuator for G111 | | | ● | ● |
| G111 | Solenoid for actuator on G111 | | | | ● | |
| | F94 | Fuel oil valve – upgrade kit | ● | ● | ● | |
| FD fan unit | | Brass rollers for FD fan guide ring | | | ● | ● |
| | | Forks for FD fan guide ring | | | ● | ● |
| | | FD fan repair kit for cylinder | | ● | ● | ● |
| | | FD fan positioner | | ● | ● | ● |
| | | FD fan actuator and cylinder – upgrade kit | ● | | | ● |
| Flow meter | F100 | O-rings for flow meter | | ● | ● | ● |
| | F100 | Gasket set for flow meter | | ● | ● | ● |
| | F100 | Pickup sensor for flow meter | | | ● | ● |
| Boiler | | Positioner for water level control valve | | ● | ● | ● |
| | | Glass for water level gauge | | | ● | ● |
| | | Gasket for water level gauge | | ● | ● | ● |
| Safety | C48 | Pressure transmitter | | ● | ● | ● |
| | C35 | Pressure switch | | ● | ● | ● |
| | F36 | Temperature switch | | ● | ● | ● |

Parts for MGO (either single line or double line)

| | | | | | | |
|-------------------|-------------------|-------------------------------|--|---|---|---|
| MGO – single line | G437 | 3-way valve repair kit | | | ● | ● |
| | | Actuator for G437 | | | ● | ● |
| | | Solenoid for actuator on G437 | | | | ● |
| | G439 | 3-way valve repair kit | | | ● | ● |
| | | Actuator for G439 | | | ● | ● |
| | | Solenoid for actuator on G439 | | | | ● |
| MGO – double line | F250 | 3-way valve repair kit | | | ● | ● |
| | | Actuator for F250 | | | ● | ● |
| | | Solenoid for actuator on F250 | | | | ● |
| | F253 | 3-way valve repair kit | | | ● | ● |
| | | Actuator for F253 | | | ● | ● |
| | | Solenoid for actuator on F253 | | | | ● |
| | F256 | 2-way valve repair kit | | | ● | ● |
| | Actuator for F256 | | | ● | ● | |
| | | Solenoid for actuator on F256 | | | | ● |

Alfa Laval in brief

Alfa Laval is a leading global provider of specialized products and engineering solutions.

Our equipment, systems and services are dedicated to helping customers to optimize the performance of their processes. Time and time again.

We help our customers to heat, cool, separate and transport products such as oil, water, chemicals, beverages, foodstuffs, starch and pharmaceuticals.

Our worldwide organization works closely with customers in almost 100 countries to help them stay ahead.

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.

