



Alfa Laval

FD fan actuator upgrade

For boilers

Improve burner reliability with enhanced fan control

Secure boiler uptime and lower maintenance costs by upgrading the pneumatic FD (forced-draught) fan actuator of your Alfa Laval Aalborg KBSA or KBSD burner. Unlike pneumatic actuators, electric actuators perform reliably in environments with moist air. So upgrading removes the risk of breakdowns and minimizes maintenance. In addition, it improves airflow control accuracy, which optimizes combustion and fuel efficiency.

Our service helps you with:

- Increased operational reliability
- Simpler system with reduced maintenance and spare part costs
- Precise airflow control and optimized combustion

How it works

The fan actuator controls the dampers that adjust the airflow from the FD fan. By replacing the original pneumatic actuator with an electric actuator, you ensure a steady and reliable airflow to the burner. This eliminates fluctuations that can cause smoke, low efficiency and unexpected flame failures.

We provide a complete, ready-to-install service kit with all necessary parts and detailed instructions for switching to the new actuator. The upgrade kit includes:

- Electric actuator with cables
- Installation brackets
- Control cabinet
- Operation manual and spare parts list

While the upgrade can be performed with basic electrical training, we recommend the assistance of an Alfa Laval Marine Service engineer whenever possible.

How the service can be delivered



On site



Remotely



At service centres

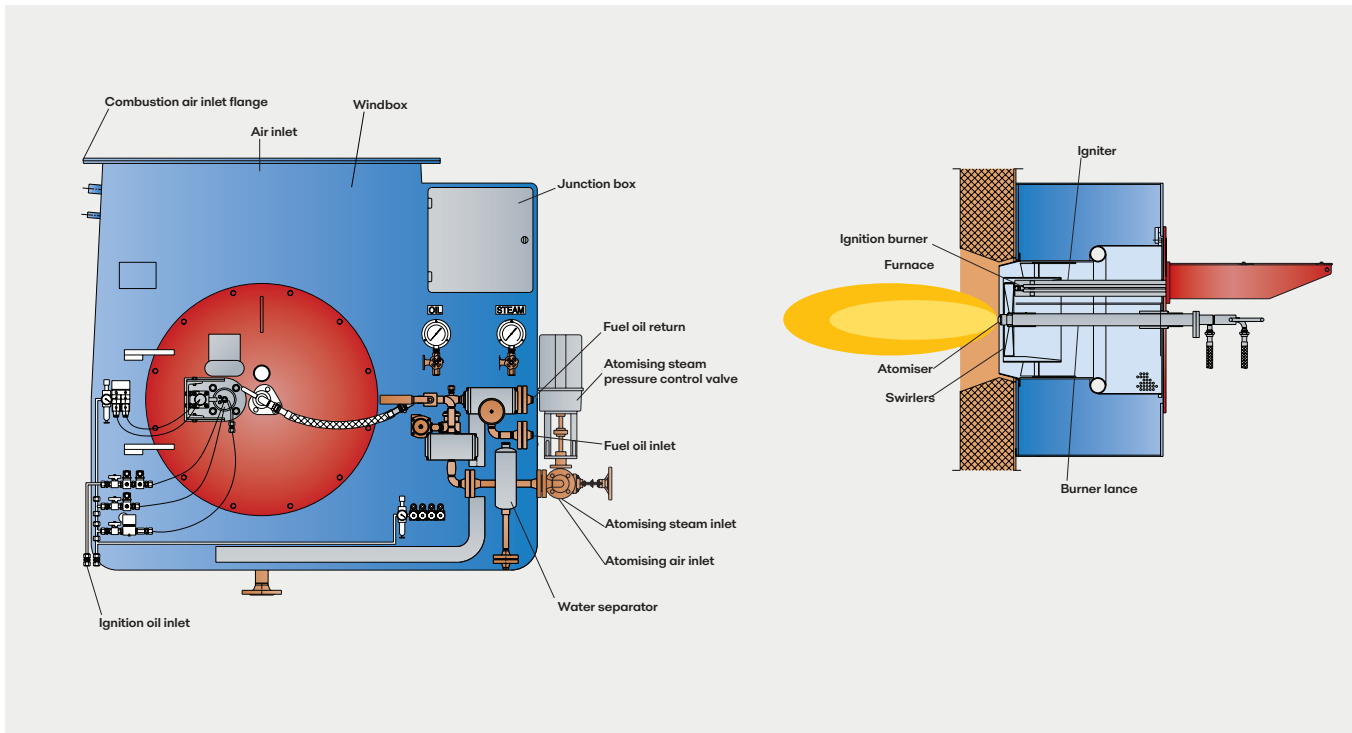


On board



In dry dock





Additional service details

The upgrade is applicable to all Aalborg KBSA and KBSD burners delivered up to 2015. As of late 2015, electric actuators for the FD fans are used in new deliveries of these burners.

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.



Other services for boilers

- Alfa Laval Touch Control upgrade
- Coriolis flow meter upgrade
- Electric feed water valve upgrade
- Fuel oil valve upgrade
- Low-Load Optimizer Kit
- Performance Assessment
- Pressure part inspection

Contact your local Alfa Laval office

www.alfalaval.com/contact-us

