



Equipment Upgrades for Aalborg boilers – Coriolis flow meter

Enhanced metering for improved burner reliability



The Coriolis flow meter (CFM) upgrade kit contains everything needed to replace the spindle flow meter in your Alfa Laval Aalborg burner with a Coriolis flow meter. Based on the Coriolis principle, this type of meter is a simple and highly accurate solution without any moving parts. Performing the upgrade ensures more durable boiler equipment that is line with today's standards.

Because it has no moving parts, the Coriolis flow meter removes the risk of flow meter jamming. Spindle jamming can otherwise occur on vessels that use both heavy fuel oil (HFO) and marine gas oil or high-quality distillate fuel (MGO/DMA), as fuel deposits can loosen from the interior of the fuel oil pipeline.

Likewise, the elimination of moving parts reduces wear and tear and virtually eliminates maintenance.

Benefits

- Maximum uptime
- Increased process reliability
- Reduced risk of port penalties due to low performance
- Low maintenance

Scope of service

- **Ready-to-install kit**

The Coriolis flow meter upgrade is provided as a standard kit with everything needed for complete installation without any mechanical modifications.

Scope of supply

The Coriolis flow meter upgrade kit contains the following:

- Coriolis flow meter
- Flow meter inlet and outlet pipes for easy mounting
- Cables
- Gaskets, bolts and nuts
- Installation instructions



The upgrade is specific to Aalborg KBSD burners and suitable for all commercial tankers. It is especially applicable on chemical and product tankers where the KBSD is used with high-performance, large-capacity Alfa Laval Aalborg oil-fired boilers, such as the Aalborg OL and Aalborg D boilers.

Please note that the upgrade is only possible with KBSD burners using an electrically operated fuel oil valve. If a pneumatically operated fuel oil valve is in use, upgrading to an electrically operated fuel valve will enhance performance and further reduce downtime and maintenance needs.

Other 360° Service Portfolio services for your equipment

- Alfa Laval Equipment Upgrades for Aalborg boilers
- Alfa Laval Service Kits for Aalborg boilers
- Alfa Laval Spare Parts for Aalborg boilers

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.