



## Aalborg XS-2V & 7V

Exhaust gas economizer



The Aalborg XS economizer is designed for utilisation of exhaust gas from the diesel engines for production of steam. The economizer has a high gas velocity so as to minimise fouling. Type Aalborg XS-2V comes with its own steam space and is able to operate independently from the oilfired boiler/steam drum.

Type Aalborg XS-7V is designed for forced circulation and operation together with an oil-fired boiler.

Steam capacity: 0.5 - 5 t/h

Design pressure: 10 bar(g)

### Description

The Aalborg XS-2V/XS-7V economizers are vertical smoke tube types designed for utilization of thermal energy in exhaust gases from diesel engines in ships for production of steam.

### Design features

The Aalborg XS-2V economizer is designed with its own steam space and the Aalborg XS-7V is designed without steam space. Both boilers are built with the tubes welded to the tube plates at both ends and they can, in emergency cases, withstand running dry.

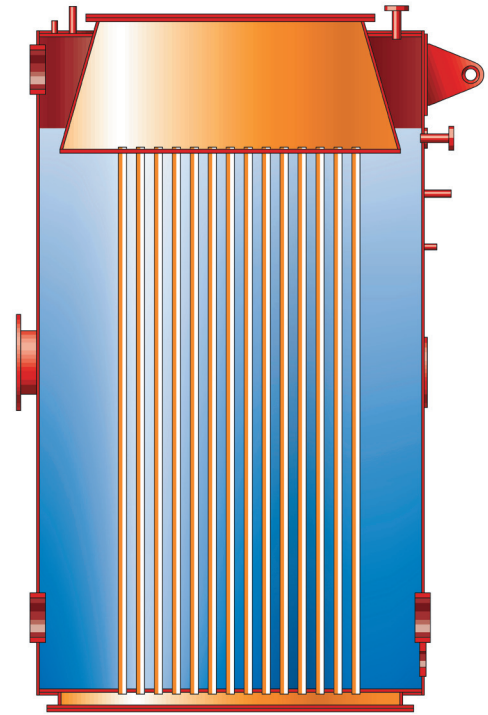
The economizers are manufactured for steam capacities up to 5 t/h and designed according to the type and size of the main engine and the required working pressure.

The sizes of the economizers depend on the required steam capacity, amount of exhaust gas, temperature and working pressure.

For compact and easy installation the Aalborg XS-2V/XS-7V can be equipped with integrated silencer. In connection with a thorough revision/standardisation of Aalborg Industries' marine boiler product range, the exhaust gas economizers previously referred to as AQ-2 and AQ-7 have been renamed to Aalborg XS-2V and XS-7V.

### Characteristics

- Vertical smoke tube exhaust gas economizer
- Own steam space or forced circulation
- Designed to utilize thermal energy in exhaust gases
- Quick start up
- Simple and automatic operation
- Easy maintenance
- Standardized components
- All-welded constructions
- Integrated silencer as an option
- Compact and easy to install



The Aalborg XS-2V economizer has its own steam space.

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### How to contact Alfa Laval

Contact details for all countries are continually updated on our website. Please visit [www.alfalaval.com](http://www.alfalaval.com) to access the information.