

MISSION™ XW



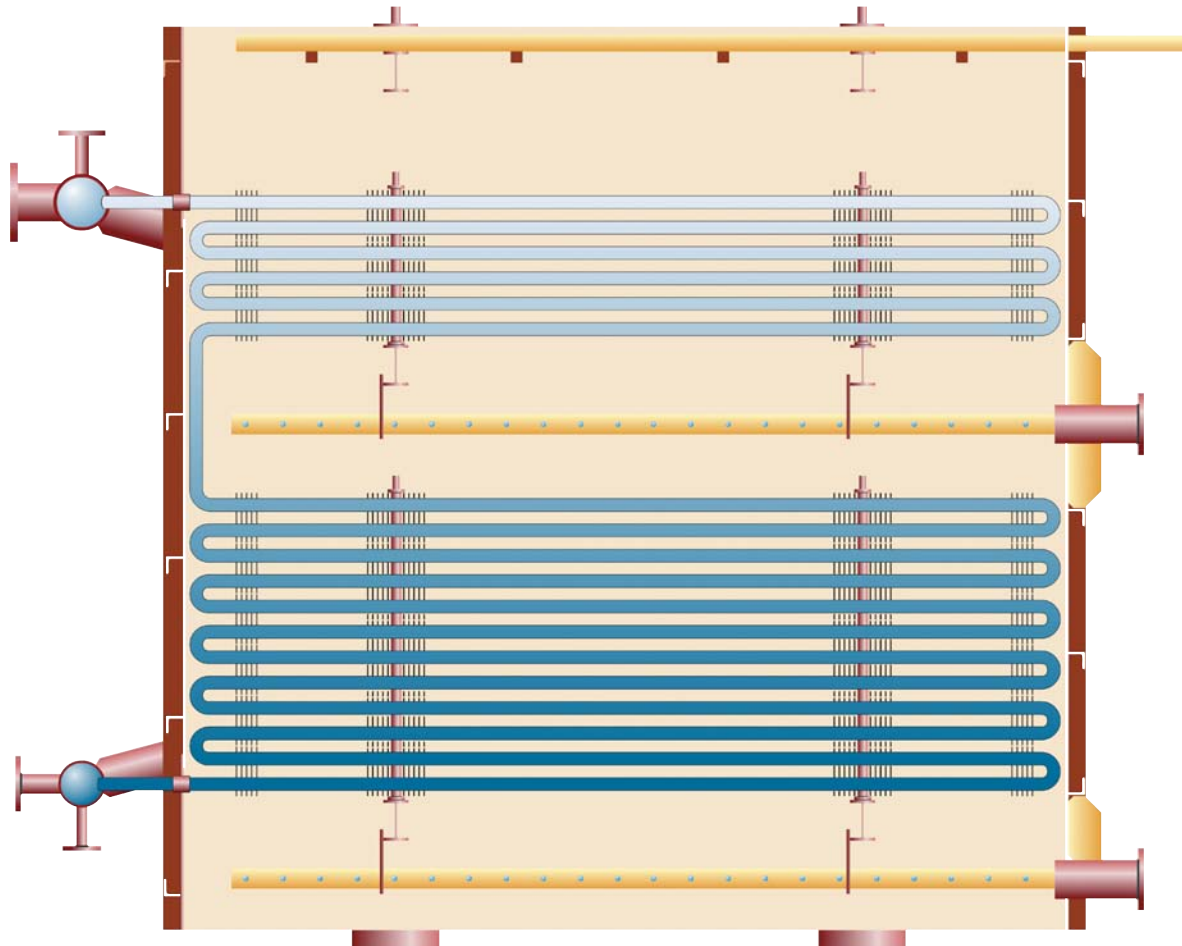
"MINERVA ALICE" equipped with one AV-6N (now called MISSION™ XW) and two oil-fired MISSION™ OM boilers.



The MISSION™ XW is a water tube, forced circulation exhaust gas economizer. It is specially designed to utilize thermal energy in diesel engine exhaust gas but the basic design suits numerous applications.

Steam capacity: 0.2 - 17.0 t/h

Design pressure: 18 bar(g) or 24 bar(g)



Description

The MISSION™ XW is a water tube, forced circulation exhaust gas economizer. It is specially designed for heat recovery from diesel engine exhaust gas but the basic design suits numerous applications.

The heating surface is made of double gilled tubes with a spacing which minimizes soot build-up. It is supplied with an efficient cleaning system with steam or with compressed air sootblowers.



Designs with single gilled tubes or bare tubes are also available

The economizer can be supplied with a dividing wall system for connection of several exhaust gas sources to one economizer.

The MISSION™ may be used in conjunction with an oil-fired auxiliary boiler or a separate steam drum, in both cases acting as a steam/water separator.

In connection with a thorough revision/standardisation of Aalborg Industries' marine boiler product range, the exhaust gas economizer previously referred to as AV-6N has been renamed to MISSION™ XW.

Boiler characteristics:

- Forced-circulation exhaust gas economizer
- Water tube economizer with gilled tubes for exhaust gas heat recovery
- Robust, well-proven construction, able to withstand vibrations and exhaust gas pulsation
- Heating surface composition which ensures the required output from the most compact unit
- Efficient, well-proven cleaning system with steam or air soot blowers
- Superheater and preheater as an option