

Compact design for
minimum space -
Standardized or
Customized

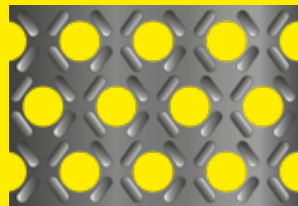
NOX and Methane Slip
Reduction

Modular design: cooling
unit & optional water mist
capture and heating unit

Engine & Generator Cooling Solutions

EXHAUST GAS RECIRCULATION COOLER

FINS



Fin material options

- ▶ Stainless Steel 409L (1.4512)
- ▶ Stainless Steel 316L (1.4404)
- ▶ Stainless Steel 904L (1.4539)

ADD-ON FEATURES

WATER MIST CAPTURE

The LP EGR can cool down the exhaust gas to a very low temperature level and is able to handle condensing water and the potential formation of sulfur acids. In order to extract also very small condensate droplets, the EGR system can be equipped with a very effective lamellar water mist capture to extract most of the water content.

COMPACT RE-HEATING UNIT

A compact re-heating unit can be installed in the EGR system so that the dehumidified exhaust gas is boosted to a lower level of relative humidity. This safety feature prevents further condensation effect, when mixing the exhaust gas with the fresh air and therefore prevents the turbocharger from damages initiated by condensate droplets.

PRODUCT CERTIFICATIONS

The LP-EGR system can be delivered with maritime classification approvals or other product certification like CE.

SENSORS

Realtime condition and performance monitoring of the water and exhaust gas flows is possible.

MARKETS



Marine

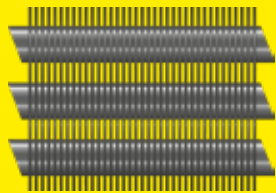


Transportation



Power

TUBES



Tube material options

- ▶ Stainless Steel 316L (1.4404)
- ▶ Stainless Steel 904L (1.4539)

Multiple tube diameters available.