

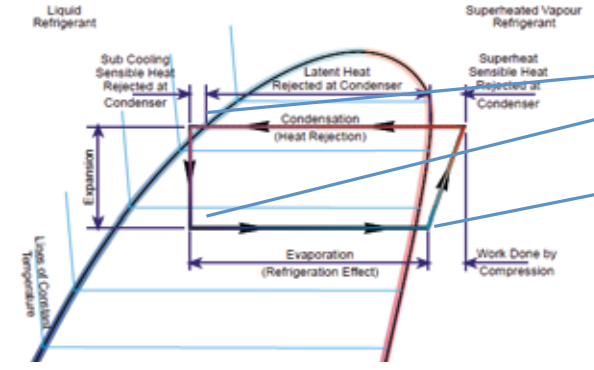
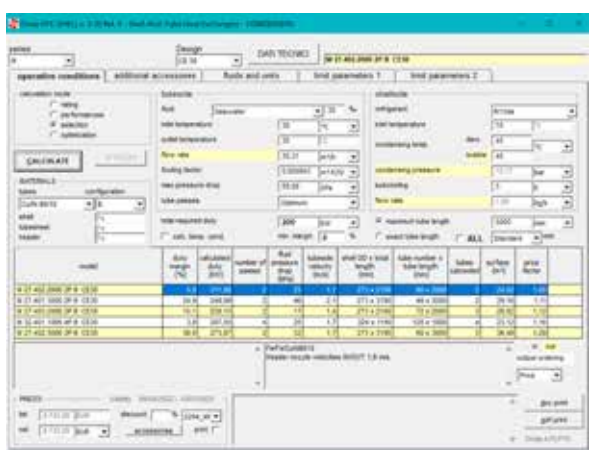


TUBE PASSIVATION



ONDA can provide the tubes passivation to prevent corrosion during the heat exchanger commissioning

SOFTWARE AVAILABLE FROM WEB SITE



PFHE - S&T - BPHE - AIR



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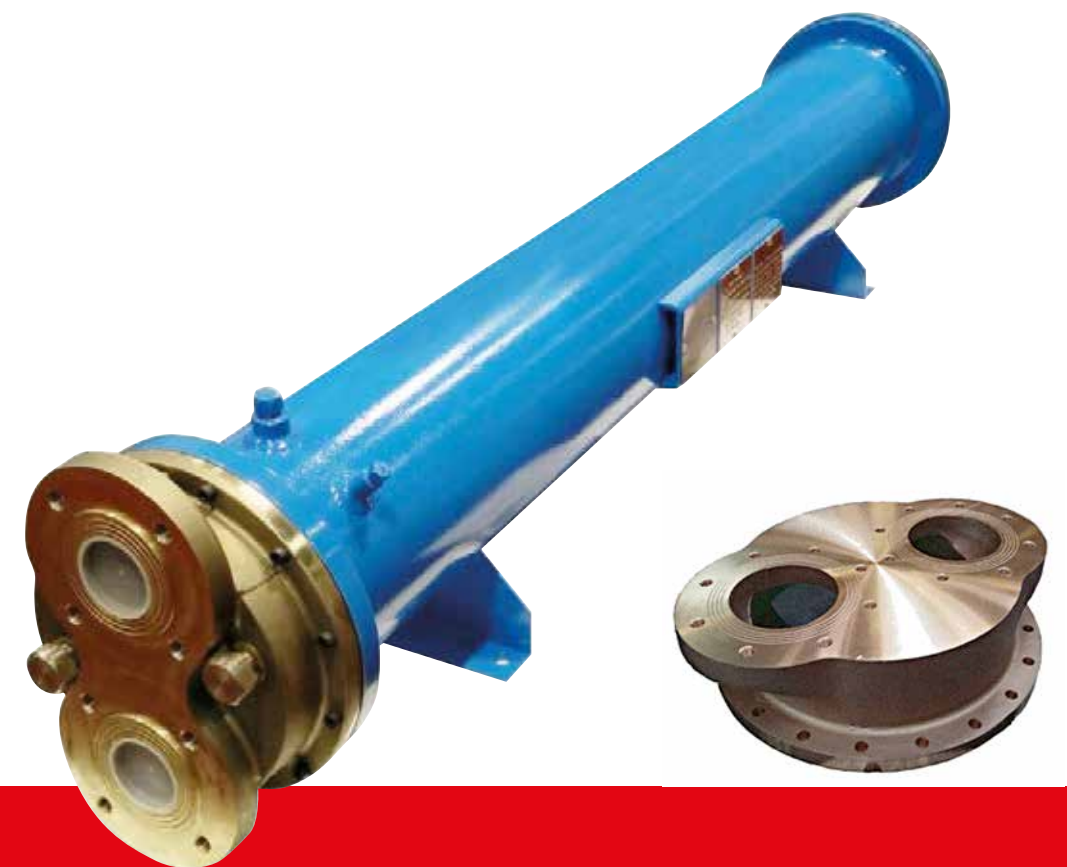
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ADVANCED HEAT EXCHANGERS

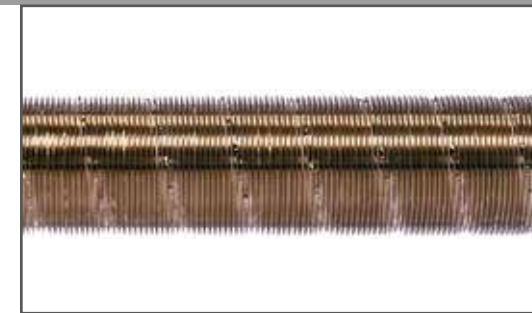
SHELL & TUBE MARINE CONDENSER

EXCHANGE TUBE

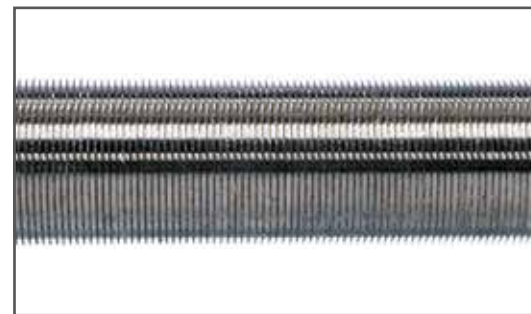
MARINE HEADS



High performance CuNi 90/10



Standard performance CuNi 90/10



Standard performance CuNi 70/30



Standard performance Titanium



Water box ceramic coating



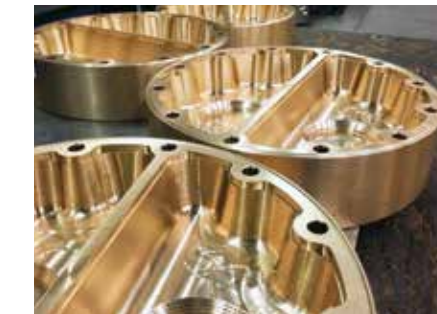
Water box CuNi 90/10



Rubber water box coating



AISI 316



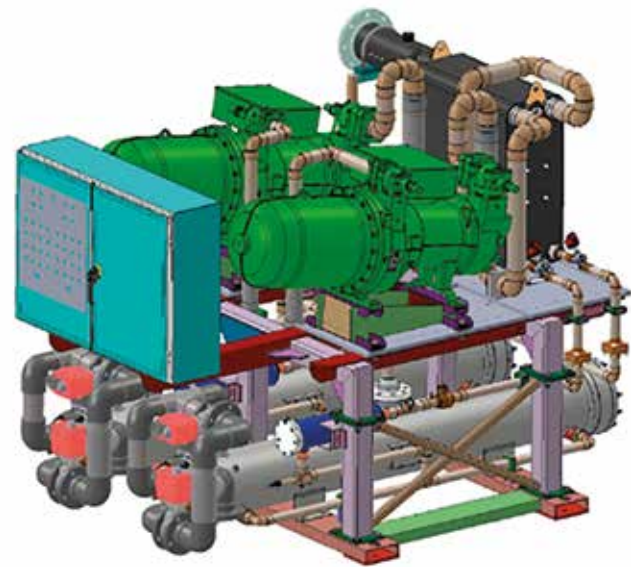
Bronze marine



Anode

TUBE SHEETS

PAINTING - QUALIFICATIONS



ONDA MARINE CAPABILITIES

Onda has developed over the time a good know-how on marine shell and tube applications with a large number of heat exchangers installed in cruise ships, marine navy, luxury yachts, cargo, fishing boats.

The shell and tube marine condenser line can be configured with many different material options thanks to Onda's manufacturing capability



Epoxy coating



CuNi 70/30 cladded



Titanium cladded



CuNi 90/10 cladded



Orbital welded tube on tube sheet



MARINE - QUALIFICATIONS



Onda can produce HEX according to all major marine Pressure Vessel codes

Paintings are based on epoxy type suitable for marine applications, tested according (salt spray resistance from 500 to 700 hours), to NF EN ISO 9227, the color can be customized.