

PRODUCT OVERVIEW

Oilcooler, watercooled

Heat Load < 6000 kW

Operating pressure max. : 64 bar

Operating temperature max. : 120 °C

Medium tubeside: water, seawater, glycols, brines

Medium shellside: mineral or synthetic lube oil, MDO, hydraulic oil

Diameter: DN100, DN125, DN200, DN250, DN350; DN500 (up to 45 bar)



TYPECODE

Typecode: Standard-Series K



K	S	1	2	-	B	C	N	-	1	2	1	L 1000
												DISTANCE BETWEEN TUBEPLATES L [mm] [400-3600]
												OPTION: ANGLE B RACKETS
												OPTION: C OATING
												OPTION: T URBULATORS
												OPTION: S HORT - shorter and low weight design of B
												OPTION: R - reduced number of tubes
												OPTION: DN50 / DN80 - joint on the tube side
												OPTION: V1 / V2 - joint on the shell side for Kompakt-Series
												OPTION: N - low version of clamp brackets
												NUMBER OF BAFFLES (0/1/2/3/4)
												PATH TUBESIDE (1/2)
												FIN PITCH LT [mm] (ONLY LAST FIGURE: 0.8 / 1.1 / 1.4)
												MATERIAL OF O-RING (N BR / H NBR / V ITON / N EOPRENE / E PDm)
												MATERIAL OF TUBES (C UNI / S TAINLESS STEEL / T ITANIUM)
												MATERIAL OF WATERBOX (B RONZE / A for GG25 / F for STEEL / U for ALUMINIUM)
												SHELL DIAMETER (ONLY THE FIRST TWO FIGURES: DN 100 / DN 125 / DN 200 / DN 250 / DN350 / DN500)
												SHELL DESIGN (S TEEL CASTING/ COMPACT K / Pressure Range W / Blank _ for STEEL)
												COOLER SERIES K

PRODUCT OVERVIEW

Aircooler and gascooler,
watercooled

Heat Load < 1200 kW

Operating pressure max. : 60 bar

Operating temperature max. : 250 °C

Medium tubeside: water, seawater, glycols, brines

Medium shellside: compressed air, natural gas

Diameter: DN100, DN125, DN200, DN250, DN350



PRODUCT OVERVIEW

Thermosyphon oilcooler

Heat Load < 800 kW

Operating pressure max. : 40 bar

Operating temperature max. : 120 °C

Medium tubeside: natural refrigerants, freon

Medium shellside: mineral or synthetic lube oil, MDO, hydraulic oil

Diameter: DN125, DN200, DN250, DN350



PRODUCT OVERVIEW

Economizer

Heat Load < 400 kW

Operating pressure max. : 25 bar

Operating temperature max. : 100 °C

Medium tubeside: natural refrigerants, freon

Medium shellside: natural refrigerants, freon

Diameter: DN125, DN200, DN250



PRODUCT OVERVIEW

Condenser, watercooled

Heat load < 1200 kW

Operating pressure max.: 30 bar

Operating temperature max. : 150 °C

Medium tubeside: water, seawater, glycols, brines

Medium shellside: natural refrigerants, freon

Diameter: DN125, DN200, DN250, DN350



PRODUCT OVERVIEW

Evaporator, flooded

Heat load < 1200 kW

Operating pressure max. : 25/30 bar

Operating temperature max. : 150 °C

Medium tubeside: water, seawater, glycols

Medium shellside: natural refrigerants

Diameter: DN200, DN250, DN350



PRODUCT OVERVIEW

Safety Heat Exchanger

Heat Load < 4000 kW

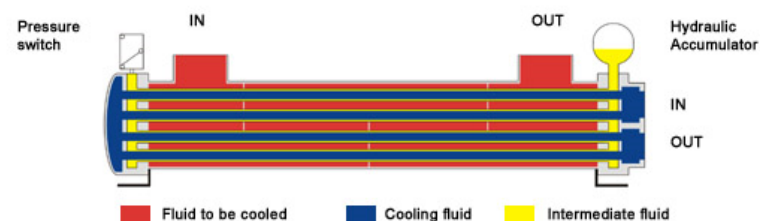
Operating pressure max. : 64 bar

Operating temperature max. : 120 °C

Medium tubeside: water, seawater, glycols, brines

Medium shellside: mineral or synthetic lube oil, MDO, hydraulic oil

Diameter: DN100, DN125, DN200, DN250, DN350, DN500 (up to 45 bar)



PRODUCT OVERVIEW

U-tube heater

Heat Load < 1000 kW

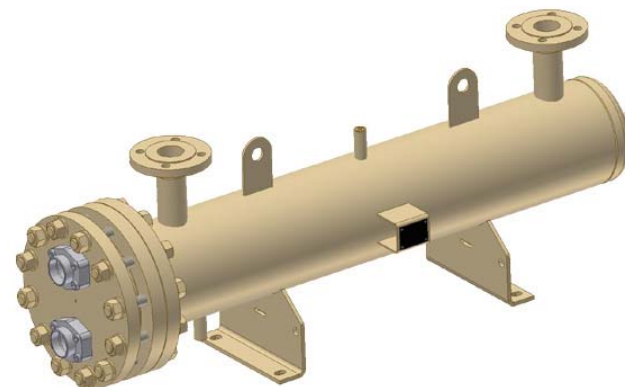
Operating pressure max. : 16 bar

Operating temperature max. : 300 °C

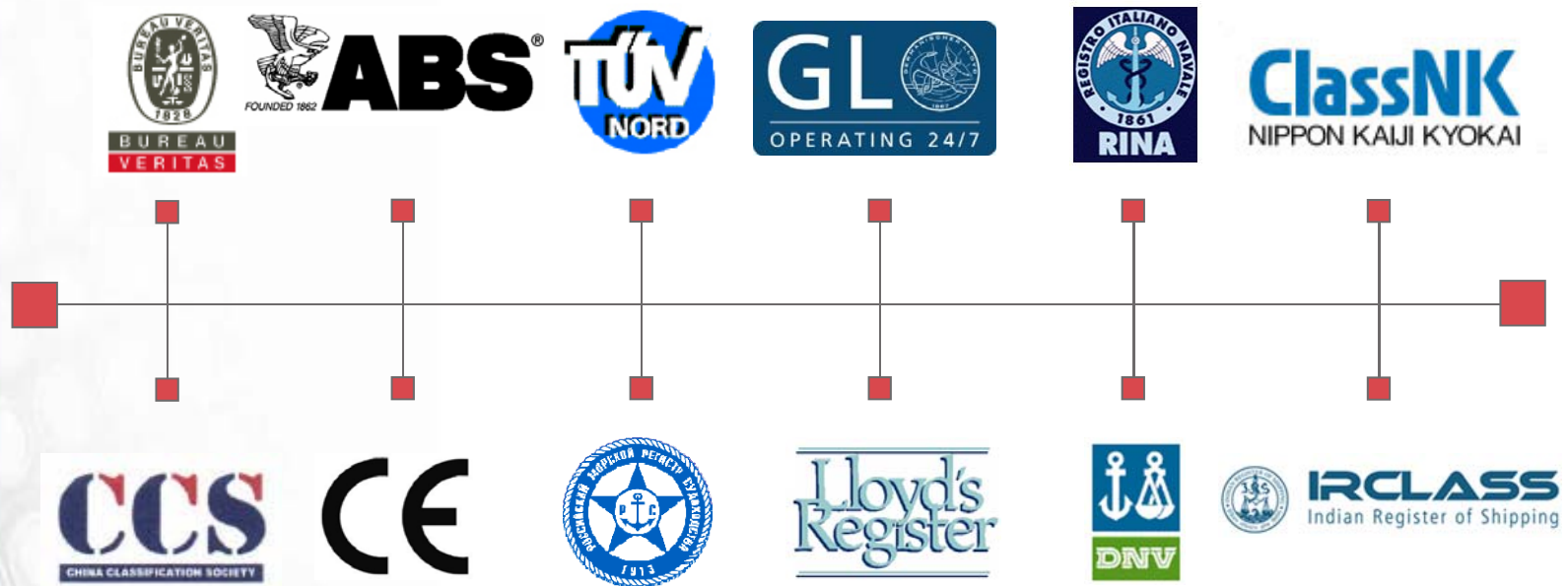
Medium tubeside: water, steam, thermal oil

Medium shellside: fuel oil, MDO, MGO, lube oil, water, glycol

Diameter: DN125, DN150, DN200, DN250



QUALITY - CERTIFICATES



Other classification possible on request.

ORGANIZATION CHART



Your specialist for high-efficiency heat exchangers

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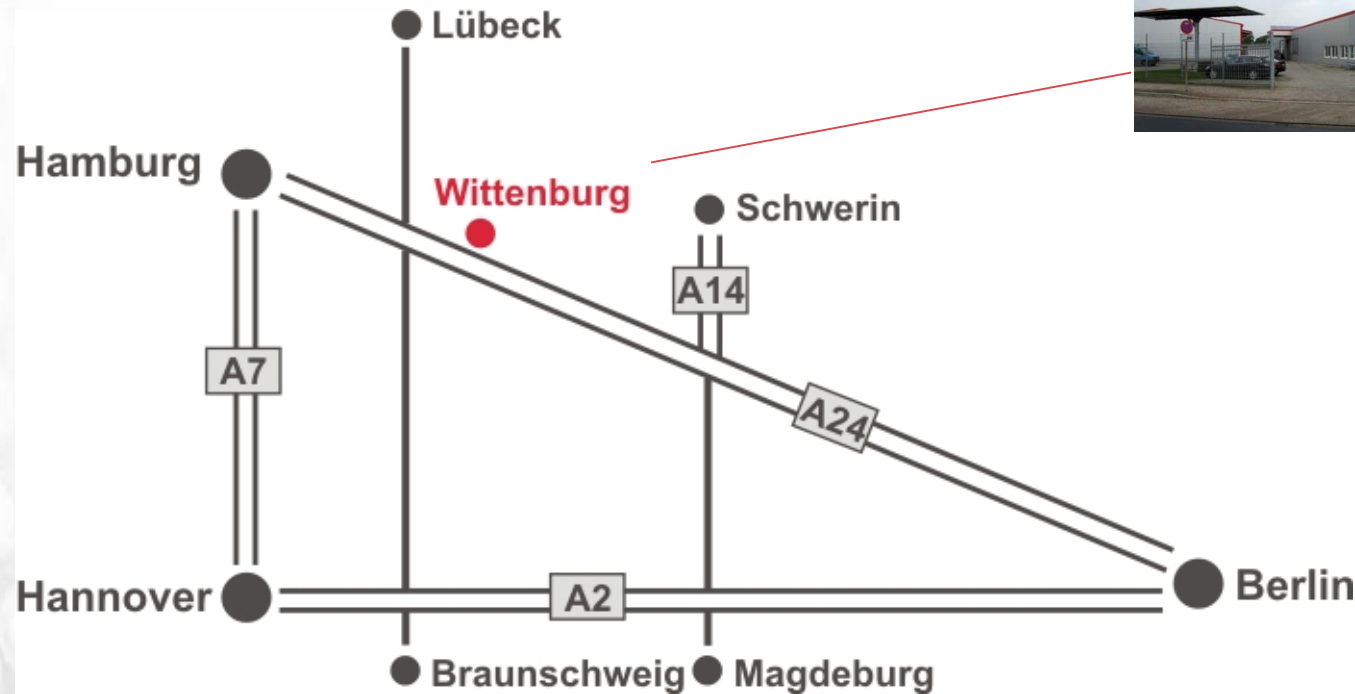
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APPLICATIONS

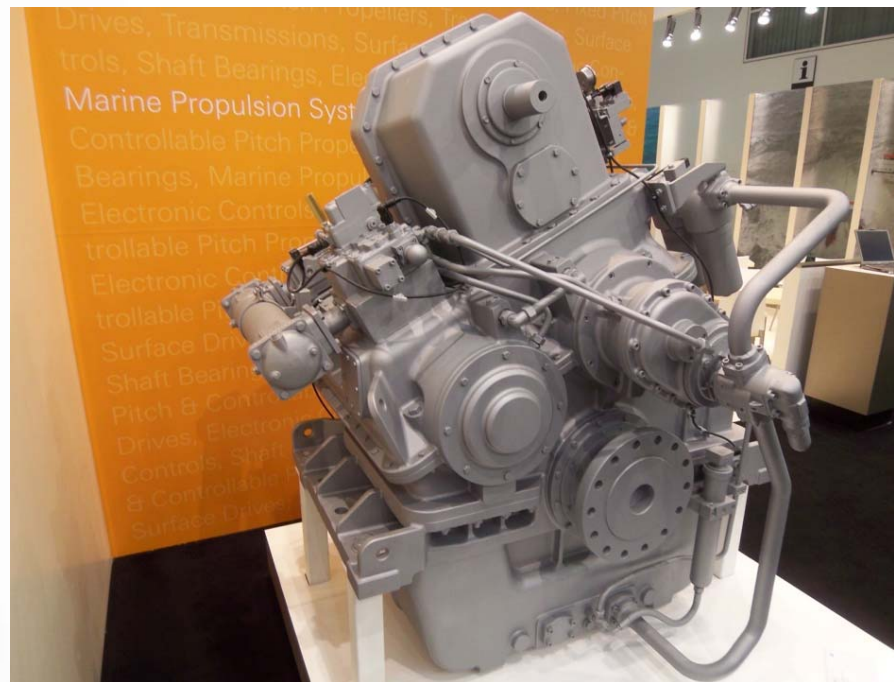


APPLICATIONS



AIR-COOLER for air-dryer unit

APPLICATIONS



OIL-COOLER directly mounted on marine gear box

APPLICATIONS



MDO-COOLER on fuel oil unit

APPLICATIONS



OIL-COOLER Voith Schneider propulsion system

APPLICATIONS



OIL-COOLER on marine gear box with propulsion unit

APPLICATIONS



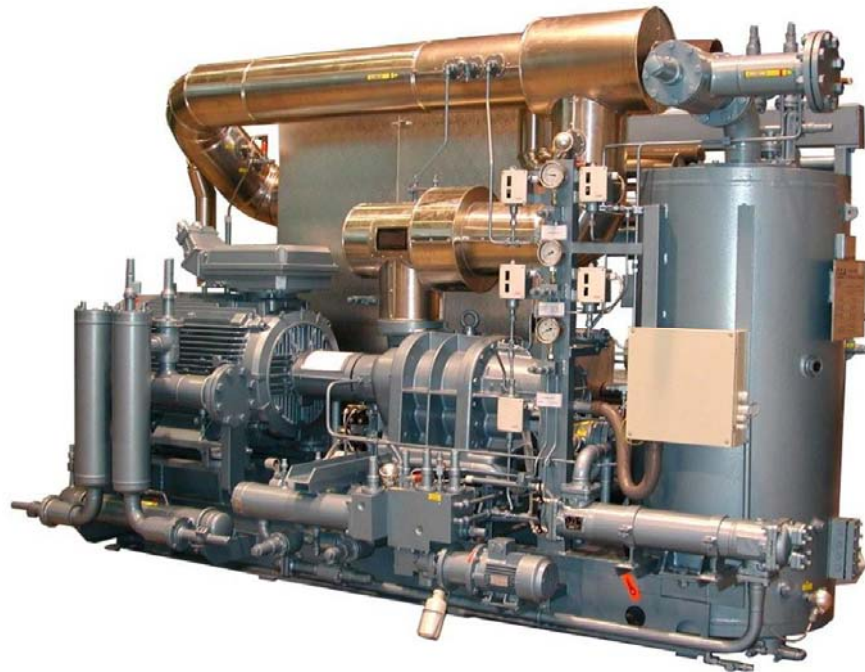
Standard OIL-COOLER directly mounted on marine gear box

APPLICATIONS



GAS-COOLER, GAS-HEATER and OIL-COOLER
in gas compressor station

APPLICATIONS



OIL-COOLER in Ammonia compressor unit

APPLICATIONS



OIL-COOLER and AIR-COOLER in compact compressor unit

APPLICATIONS



OIL-COOLER for hydrodynamic gear box

