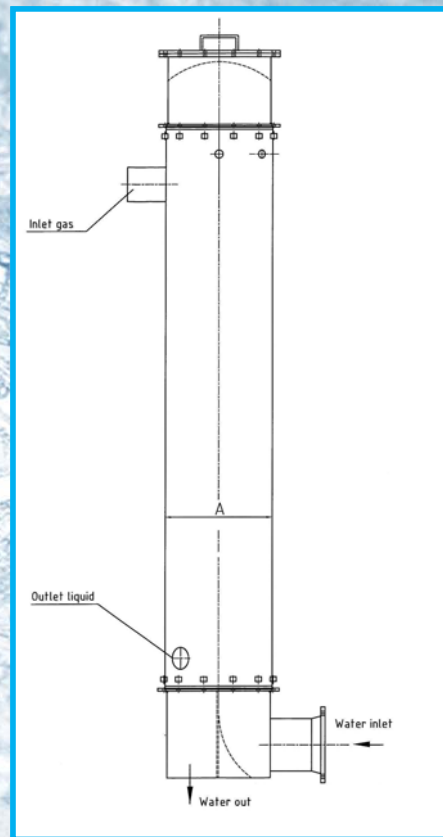
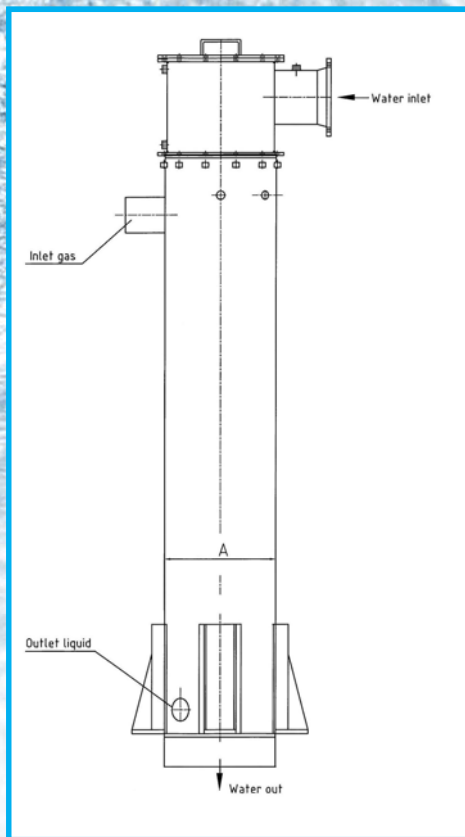




TEKNOTHERM

MARINE

TKN VERTICAL CONDENSER



Titanium vertical condenser, shell and tube design for ammonia refrigerant, and cooled by seawater.

Condenser is made with seamless steel tubes in quality P.23GH.

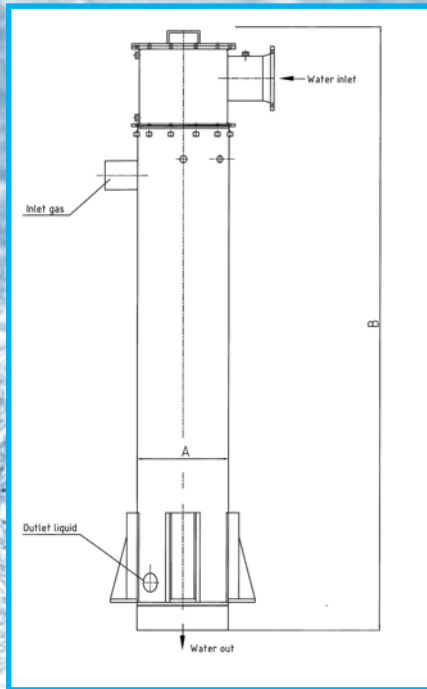
The tube plates are made of stainless steel AISI316L and the innertubes are of titanium grade. 2, ASTM 338.

The end covers will be in hot dipped galvanized steel/plastic.

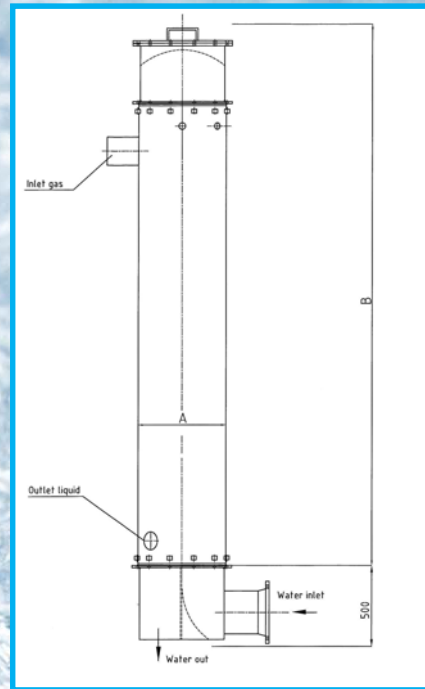
The condenser's external surface to be painted with rust protecting paint.

The condenser to be classified according to PED.

TKN VERTICAL CONDENSER



1 pass



2 pass

Modell	Refr. Cap. kW	$^{\circ}\text{C}$ Δt	A	B	No. of tubes
TKN-22"/4	-	-	\varnothing 560	5200	268/342
TKN-24"/3	-	-	\varnothing 610	4200	330/424
TKN-24"/3,5	-	-	\varnothing 610	4700	330/424
TKN-24"/4	-	-	\varnothing 610	5200	330/424
TKN-27"	-	-	\varnothing 750	5200	364/572

Reference data based on:

Shell : carbon steel, epoxy painted
 Innertubes : titanium
 Tube plate : acid resistant AISI 316L
 End cover : hot dipped galvanized / plastic

Note! All data and measures are subject to final design.

We reserve the rights to change specification without notice.

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