



energy systems

Inquiry data sheet

U-bundle heat exchanger (wtg)

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Responsible person:		Company:	
Project no.:		Project:	

Techn. Data	Unit	Tube-side	Shell-side
Medium	[-]		
Capacity	[kW]		
Volume flow	[m ³ /h]		
Inlet temperature	[°C]		
Outlet temperature	[°C]		
Max. permissible pressure loss	[m l. c.]		
Connecting piece nominal width	DN		
Connecting piece pressure rating	PN		
Construction requirement ¹⁾	[-]	Pressure equipment directive / ASME VIII	
Design resp. version	[-]		
Max. permissible operating overpressure (PS)	[bar]		
Permissible min. / max. operating temperature (TS)	[°C]		
Fluid group ¹⁾	[-]	Group 1 (heat transfer oil) Group 2 (water)	Group 1 (heat transfer oil) Group 2 (water)
Medium state (vapor pressure) ¹⁾	[bar]	gaseous or liquid, when pD>0,5 liquid, when pD<= 0,5	gaseous or liquid, when pD>0,5 liquid, when pD<= 0,5
Final and pressure test ²⁾	[-]	Art. 3 (3) - sound engineering practice – (no CE designation) Module A - Internal production control - (qualified person) Module A1 - Internal production control with supervision of the acceptance - (qualified person) Module B + D - EC type test and quality assurance production - (qualified person) Module G - EC individual test - (technical inspection service TÜV)	

¹⁾ Delete where inapplicable ²⁾ will be fixed at calculation

In case of special media (brine or other exotic media) the following media values - **reflecting to the average operating temperature** - have to be given by the responsible person:

- Density [kg/m³]
- spec. heat capacity [kJ/kg K]
- cin. viscosity
- Heat conductivity [W/m K]

Comment:

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Capacity	[kW]		

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