



energy systems

Inquiry data sheet Thermal oil heater, fired (wtö)

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Your project / consumer	_____	[-]
HTT no.	_____	[-]
Net heating capacity / inflow temperature	_____ [kW] / _____	[°C]
Volume flow / ΔT heater ^{*1)}	_____ [m ³ /h] / _____	[K]
Heat transfer medium	_____	[-]
Permissible min. / max. operating temperature heater (TS)	_____	[°C]
Max. permissible operating overpressure heater (PS)	_____	[bar]
Construction requirement <input type="checkbox"/> Pressure equipment directive	<input type="checkbox"/> _____	[-]
Design	<input type="checkbox"/> horizontal <input type="checkbox"/> vertical	
Installation	<input type="checkbox"/> Inside installation <input type="checkbox"/> Outside installation	
Installation above NSL	_____	[m]
Fuel	<input type="checkbox"/> Light oil EL viscosity	_____ [mm ² /s] at _____ [°C]
	<input type="checkbox"/> Heavy fuel oil S viscosity	_____ [mm ² /s] at _____ [°C]
	<input type="checkbox"/> Natural gas H _u _____	[kWh/Nm ³] / _____ [kWh/kg]
	<input type="checkbox"/> Other fuel (analysis necessary)	
	H _u _____	[kWh/Nm ³] / _____ [kWh/kg]
Power voltage	400 / 500 / _____	V / 50 / 60 Hz
Control voltage	_____	V / 50 / 60 Hz
Air preheater	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Content of heat transfer fluid (customer's side)	_____	[l]

Remarks _____

*1) Should not be lower than 20 - 25 K because of the effect on the pressure loss and consequently on the power demand of the circulating pump!