



Company

Name

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**OEG Oel- und Gasfeuerungsbedarf Handelsgesellschaft m. b. H.**

**Fax +49(0)51 52-699 2515**

**Technical specification of heat exchangers**

soldered PWT  bolted PWT

Primary side	Power: _____ kW	Secondary side
Intake temperature: _____ °C		Intake temperature: _____ °C
Medium?		Medium?
Water <input type="checkbox"/>		Water <input type="checkbox"/>
Anti-freeze mix _____ %		Anti-freeze mix _____ %
Others: _____		Others: _____
Operating pressure: _____ bar		Operating pressure: _____ bar
Outlet temperature: _____ °C	Outlet temperature: _____ °C	
Max. pressure loss: _____ kPa	Max. pressure loss: _____ kPa	

If you do not know the max. pressure loss, use 20 kPa for selecting the heat exchanger.

**Physical features for other media**

Reference temperature \_\_\_\_\_ °C  
 Density \_\_\_\_\_ kg/m<sup>3</sup>  
 Heat capacity \_\_\_\_\_ J/K kg  
 Heat conductivity \_\_\_\_\_ W/mK  
 Dyn. Viscosity \_\_\_\_\_ kg/ms

<b>NOTE!</b>	
Power (kW):	The heat to be dissipated by the heat exchanger
Primary stage:	Hot side of the heat exchanger (medium is cooled inside the heat exchanger)
Secondary stage:	Cold side of the heat exchanger (medium is cooled inside the heat exchanger)
Operating pressure:	Pump pressure, applied to the heat exchanger during operation
Pressure loss:	Difference between intake pressure and outlet pressure of the medium (the higher the pressure loss can be the smaller the heat exchanger; however, the running costs of the system increase)