energy systems

Inquiry data sheet
Heating/cooling/chilling units (hcc)

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Your project / consumer		_____ [-]
HTT no.		_____ [-]
Temperature range		_____ [°C]
Volume flow / ΔT for consumer		_____ [m³/h] / _____ [K]
Pressure loss / pressure head loss of consumer		_____ [bar] / _____ [m l. c.]
Heat transfer medium		_____ [-]
Heating capacity / at inflow temperature of		_____ [kW] / _____ [°C]
Cooling capacity / at inflow temperature of		_____ [kW] / _____ [°C]
Chilling capacity / at inflow temperature of		_____ [kW] / _____ [°C]
Content of heat transfer fluid (customer's side)		_____ [l]
Heating		☐ electrical
		☐ Steam _____ [°C] / _____ [bar]
	☐ Light oil EL viscosity	_____ [mm²/s] / at _____ [°C]
	☐ Heavy fuel oil S viscosity	_____ [mm²/s] / at _____ [°C]
	☐ Natural gas H_u _____	[kWh/Nm³] / inlet pressure _____ [mbar]
	☐ Other fuel (analysis necessary)	
	H_u _____	[kWh/Nm³] / _____ [kWh/kg]
Cooling	☐ Cooling water	in _____ [°C] / out _____ [°C]
	☐ Brine	in _____ [°C] / out _____ [°C]
	Glycol proportion	_____ [%]
Chilling	☐ Brine	in _____ [°C] / out _____ [°C]
	Glycol proportion	_____ [%]
	☐ Nitrogen, liquid	
	☐ Chiller	☐ Indoor installation ☐ Outdoor installation
		☐ Air-cooled ☐ Water-cooled
Controlling		☐ motor actuated ☐ pneumat. actuated
		☐ with I/I- or I/P-positioner
Construction requirement	☐ Pressure equipment directive	☐ _____ [-]
Installation	☐ Indoor install. ☐ Outdoor install.	Installation above NSL _____ [m]
Power voltage	400 / 500 /	_____ V / 50 / 60 Hz
Control voltage		_____ V / 50 / 60 Hz
Ex-protection	☐ Yes,	Ex-protection class / temperature class _____ [-]
	☐ No	

Remarks _____

_____

_____

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