

(Request Form)

Danfoss Brazed Plate Heat Exchanger Request Form

| | | | |
|----------------------------|-------------------------------------|---|--|
| Customer | | DSCs. | |
| Contact | | Contact | |
| Tel: | | Tel: | |
| Fax: | | Fax: | |
| E-Mail: | | E-Mail: | |
| Project | | Quantity | |
| Application | Evaporator <input type="checkbox"/> | Condenser <input type="checkbox"/> | Evap./Cond. <input type="checkbox"/> No phase change <input type="checkbox"/> Others _____ |
| Evaporator Side | | | |
| Refrigerant in Evaporator | | Evaporating Temperature T_e | $^{\circ}\text{C}$ |
| Heat Load in Evaporator Kw | | Superheat | T_{sup} K |
| Flow Rate Kg/s | | Liquid Temp. before TEV T_l | $^{\circ}\text{C}$ |
| | | Max. Pressure Drop ΔP | KPa |
| Condenser Side | | | |
| Refrigerant in Condenser | | Hot gas Temperature T_h | $^{\circ}\text{C}$ |
| Heat Load in Condenser Kw | | Condensation Temperature T_c | $^{\circ}\text{C}$ |
| Flow Rate Kg/s | | Subcooled in condenser T_{sub} | K |
| | | Max. Pressure Drop ΔP | KPa |

| Medium Side | Side one | | Side two(only when on phase change) | |
|-----------------------------------|----------|--------|--------------------------------------|--------|
| | inlet | outlet | inlet | outlet |
| Medium | | | | |
| Heat Load in BPHE Kw | | | | |
| Flow rate Kg/s | | | | |
| Temperature $^{\circ}\text{C}$ | | | | |
| viscosity mPas | | | | |
| Density kg / m ³ | | | | |
| Heat capacity kJ / kg ! | | | | |
| Thermal conductivity W / m ! | | | | |
| Max. Pressure drop ΔP KPa | | | | |

Other requirement: