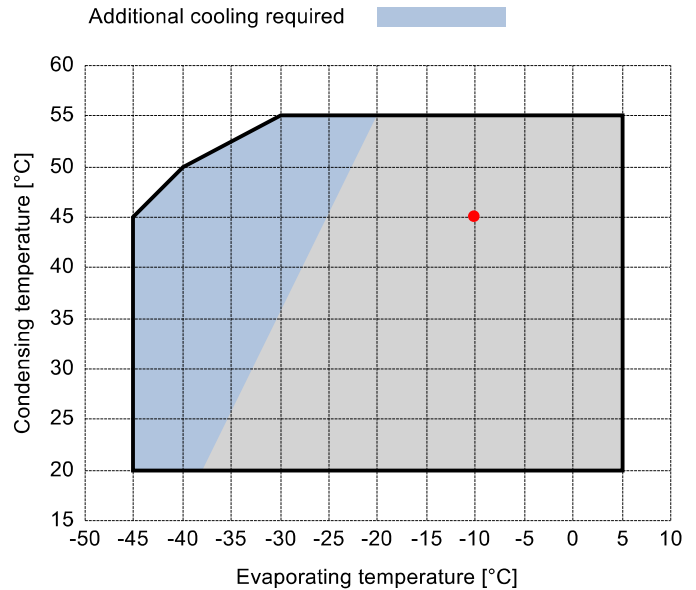


Input data

| | | |
|---------------------------------|---------------------------|-------|
| Refrigerant | R404A | |
| Reference temperature | Dew point temperature | |
| Calculation mode | Refrigeration / Air Cond. | |
| Operating mode | Subcritical | |
| Power supply | 400/3/50 | |
| | | |
| Condensing temperature | °C | 45 |
| Condensing pressure | bar | 20,47 |
| Liquid subcooling | K | 0 |
| Liquid temperature | °C | 44,67 |
| Evaporating temperature | °C | -10 |
| Evaporating pressure | bar | 4,34 |
| Suction gas superheating | K | 10 |
| Useful fraction of superheating | % | 100 |



Output data

| | | |
|---------------------------------|----------------|----------|
| Compressor : | A1.5-8Y | |
| Number of compressors : | FSx1 | |
| | | |
| Refrigerating capacity | kW | 3,341 |
| Refrigerating capacity [*ref] | kW | 3,58 |
| Evaporator capacity | kW | 3,341 |
| Power input | W | 1796 |
| Condenser capacity, theor. | kW | 5,137 |
| Current | A | 3,69 |
| COP/EER | W/W | 1,86 |
| Mass flow | kg/h | 118 |
| Operating frequency | Hz | 50 |
| Connection | - | DOL-STAR |
| Operating mode | - | 100% |
| Discharge temperature | °C | 77,35 |
| Ratio (%) | % | 100,0% |
| Note | - | |
| | | |
| Oil flow | l/min | - |
| Heat Exchanged (oil Cooler) | kW | - |
| Oil Temp. at Oil Cooler Outlet | °C | - |
| Certified by | - | Frascold |

Certified by:

- Frascold tentative data

Legend:

- *ref: At conditions according to EN12900
- Suction gas temperature = 20 °C
- Liquid subcooling = 0 K