



Tecumseh

Customer: New
Project: New
Note: New

Software 3 v1.6

System data (input):

| | |
|----------------------------------|---------------------------|
| Refrigerant: | R404A |
| Reference temperature: | dew point temperature |
| Calculation mode: | Refrigeration / Air Cond. |
| Operating mode: | Subcritical |
| Condensing temperature: | 32 °C |
| Liquid subcooling: | 0 K |
| Evaporating temperature: | -5 °C |
| Suction gas temperature: | 20 °C |
| Useful fraction of superheating: | 100 % |

Compressors:

| | |
|-----------------------------------|---------|
| #1 Name: | SH4576Z |
| n° of fixed speed compressors : | 1 |
| n° of variable speed compressors: | 0 |

Output data: (SH4576Z)

| | |
|--------------------------------|--------------------------------------------|
| Refrigerating capacity | 15933 W |
| Refrigerating capacity[ref] | 15933 W |
| Evaporator capacity | 15933 W |
| Power input | 4.249 kW |
| Condenser capacity, theor. | 20181 W |
| Current | 7.97 A |
| COP/EER | 3.75 W/W |
| Mass flow | 409 kg/h |
| Operating frequency | 50 Hz |
| Power supply | 400/3/50/DOL-STAR (Std.) - |
| Selection mode | Refrigeration / Air Cond. - |
| Operating mode | 100% of the capacity - |
| Evaporating pressure | 5.14 bar |
| Suction gas superheating | 25 K |
| Suction gas temperature | 20 °C |
| Discharge temperature | 70.73 °C |
| Condensing pressure | 14.92 bar |
| Liquid temperature | 31.6 °C |
| Ratio (%) | 100.0% % |
| Note | - |
| Oil flow | - l/min |
| Heat Exchanged (oil Cooler) | - W |
| Oil Temp. at Oil Cooler Outlet | - °C |
| Certified by | ASERCOM (ref. EN12900, 50 Hz, 100% cap.) - |

Legend:

*ref: At conditions according to EN 12900

- Suction gas temperature = 20 °C

- Liquid subcooling = 0 K

Certified by:

- ASERCOM (ref. EN12900, 50 Hz, 100% cap.)

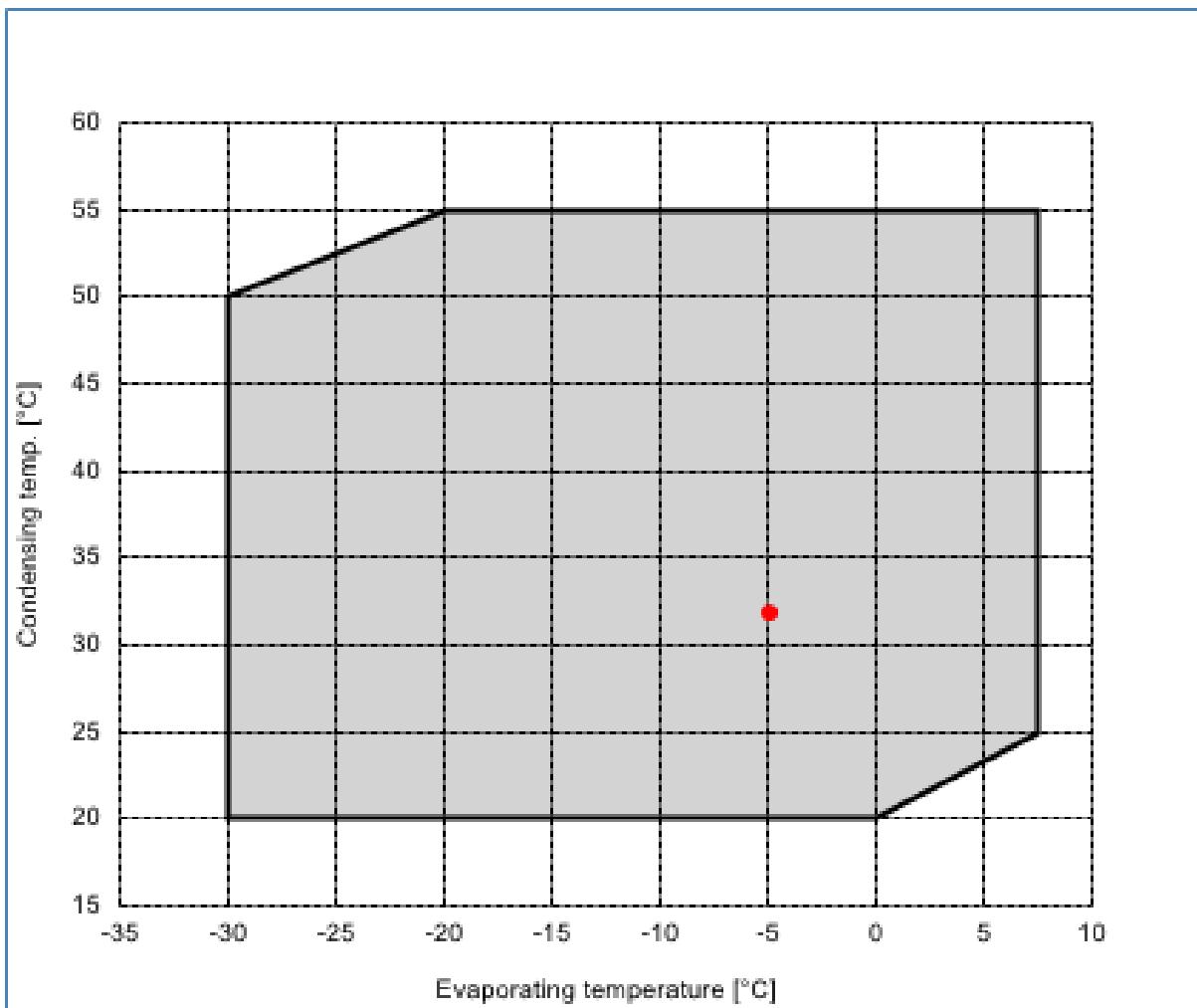




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