



**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:	SH4591Z
n° of fixed speed compressors :	1
n° of variable speed compressors:	0

**Output data: (SH4591Z)**

Refrigerating capacity	18665 W
Refrigerating capacity[ref]	18665 W
Evaporator capacity	18665 W
Power input	5.115 kW
Condenser capacity, theor.	23780 W
Current	8.57 A
COP/EER	3.65 W/W
Mass flow	479 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	71.66 °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.)

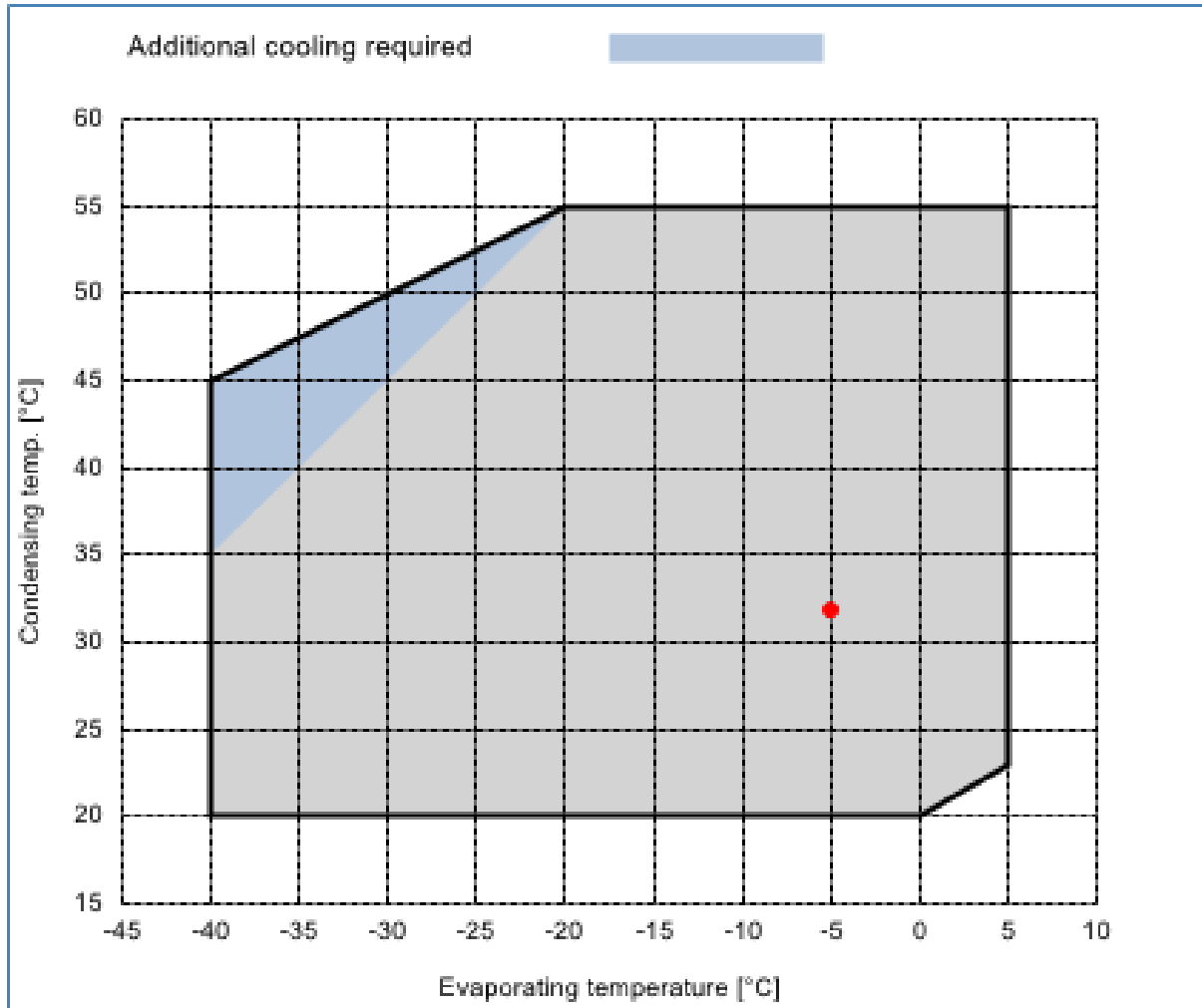




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