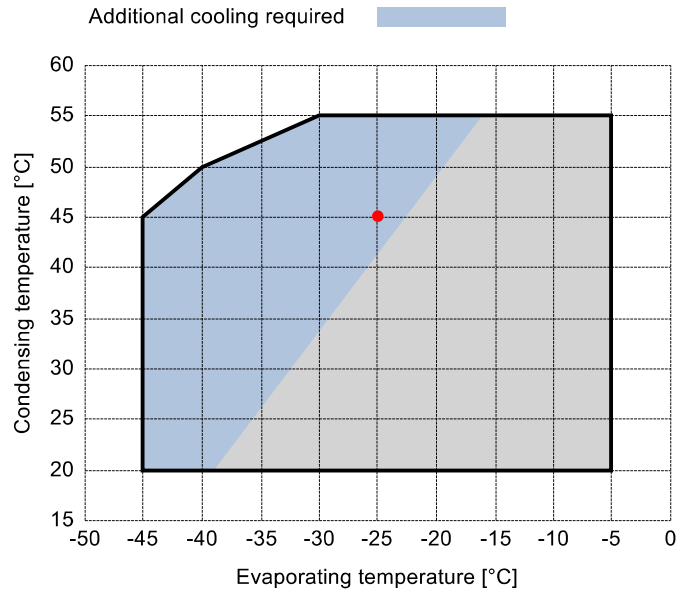


Input data

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	-25
Evaporating pressure	bar	2,5
Suction gas superheating	K	10
Useful fraction of superheating	%	100



Output data

Compressor :	A1-7Y	
Number of compressors :	FSx1	
Refrigerating capacity	kW	1,398
Refrigerating capacity [*ref]	kW	1,592
Evaporator capacity	kW	1,398
Power input	W	1193
Condenser capacity, theor.	kW	2,591
Current	A	2,55
COP/EER	W/W	1,17
Mass flow	kg/h	54
Operating frequency	Hz	50
Connection	-	DOL-STAR
Operating mode	-	100%
Discharge temperature	°C	90,37
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