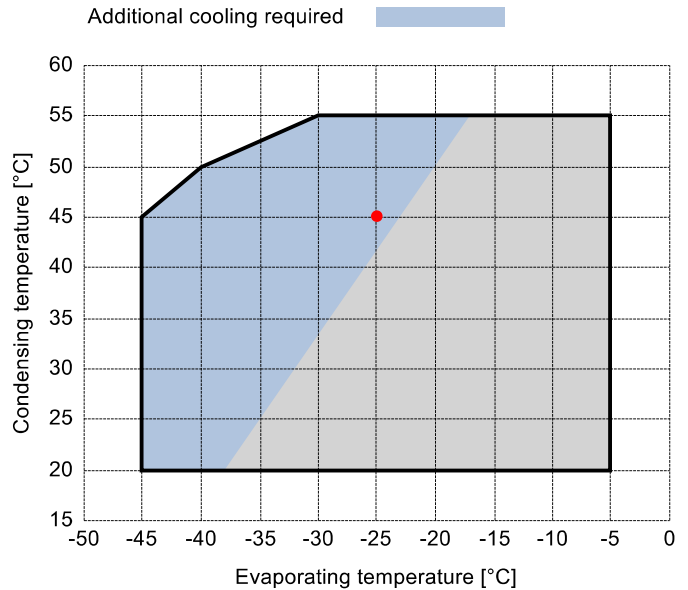


## Input data

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

<b>Compressor :</b>	<b>A05-5Y</b>	
Number of compressors :	FSx1	
Refrigerating capacity	kW	0,86
Refrigerating capacity [ *ref ]	kW	0,979
Evaporator capacity	kW	0,86
Power input	W	789
Condenser capacity, theor.	kW	1,649
Current	A	1,86
COP/EER	W/W	1,09
Mass flow	kg/h	33
Operating frequency	Hz	50
Connection	-	DOL-STAR
Operating mode	-	100%
Discharge temperature	°C	95,51
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