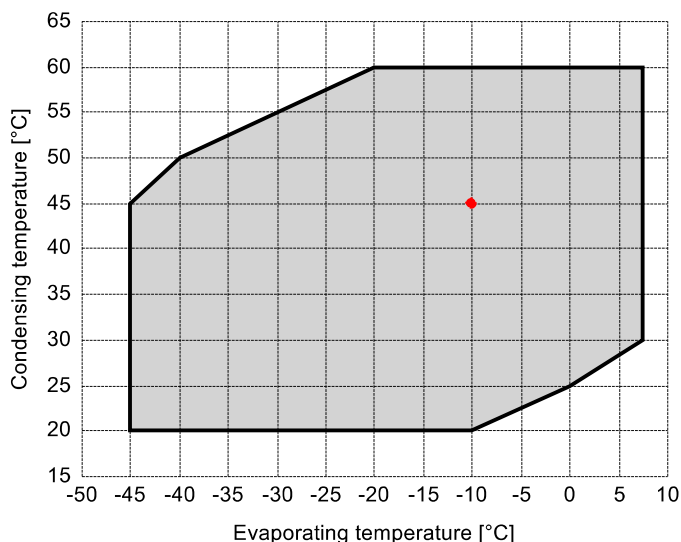


Input data

Refrigerant	R404A	
Reference temperature	Dew point temperature	
Calculation mode	Refrigeration / Air Cond.	
Operating mode	Subcritical	
Power supply	400/3/50	
Ambient temperature	°C	35
Liquid subcooling	K	3
Liquid temperature	°C	41,55
Evaporating temperature	°C	-10
Evaporating pressure	bar	4,34
Suction gas superheating	K	10
Useful fraction of superheating	%	100



Output data

Compressor : **LB2-A16-0Y-2M**

Number of compressors : **FSx1**

Refrigerating capacity	kW	2,481
Condensing temperature (dew point)	°C	44,88
Evaporator capacity	kW	2,481
Power input (with fan)	W	1359
Condenser capacity, theor.	kW	3,709
Current	A	2,59
COP/EER (with fan)	W/W	1,83
Mass flow	kg/h	84
Operating frequency	Hz	50
Connection	-	DOL-STAR
Operating mode	-	100%
Discharge temperature	°C	75,9
Ratio (%)	%	100,0%
Note	-	

Oil flow	l/min	-
Heat Exchanged (oil Cooler)	kW	-
Oil Temp. at Oil Cooler Outlet	°C	-
Certified by	-	Frascold

Compliant with EU Ecodesign Directive 2009/125/EC - Regulation EU 2015/1095.

Certified by:

- Frascold Data

Legend:

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