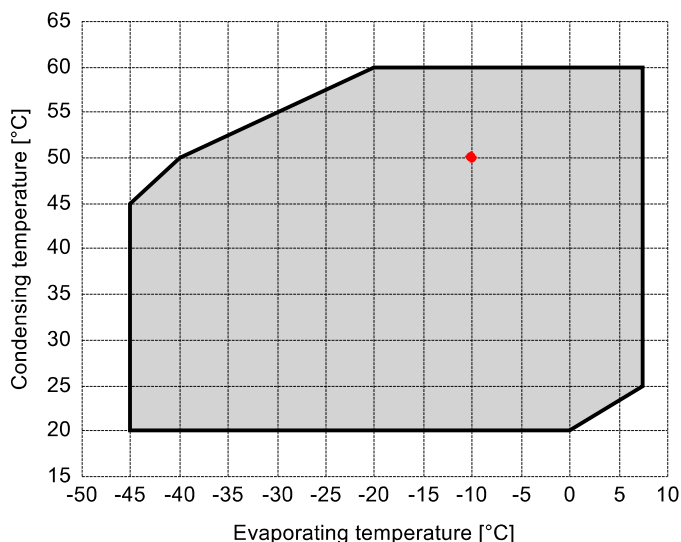


Input data

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	46,82
Evaporating temperature	°C	-10
Evaporating pressure	bar	4,34
Suction gas superheating	K	10
Useful fraction of superheating	%	100



Output data

Compressor : **LB2-B159-0Y-2M**

Number of compressors : FSx1

Refrigerating capacity	kW	3,601
Condensing temperature (dew point)	°C	50,12
Evaporator capacity	kW	3,601
Power input (with fan)	W	2390
Condenser capacity, theor.	kW	5,861
Current	A	4,47
COP/EER (with fan)	W/W	1,51
Mass flow	kg/h	133
Operating frequency	Hz	50
Connection	-	DOL-STAR
Operating mode	-	100%
Discharge temperature	°C	85,87
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:

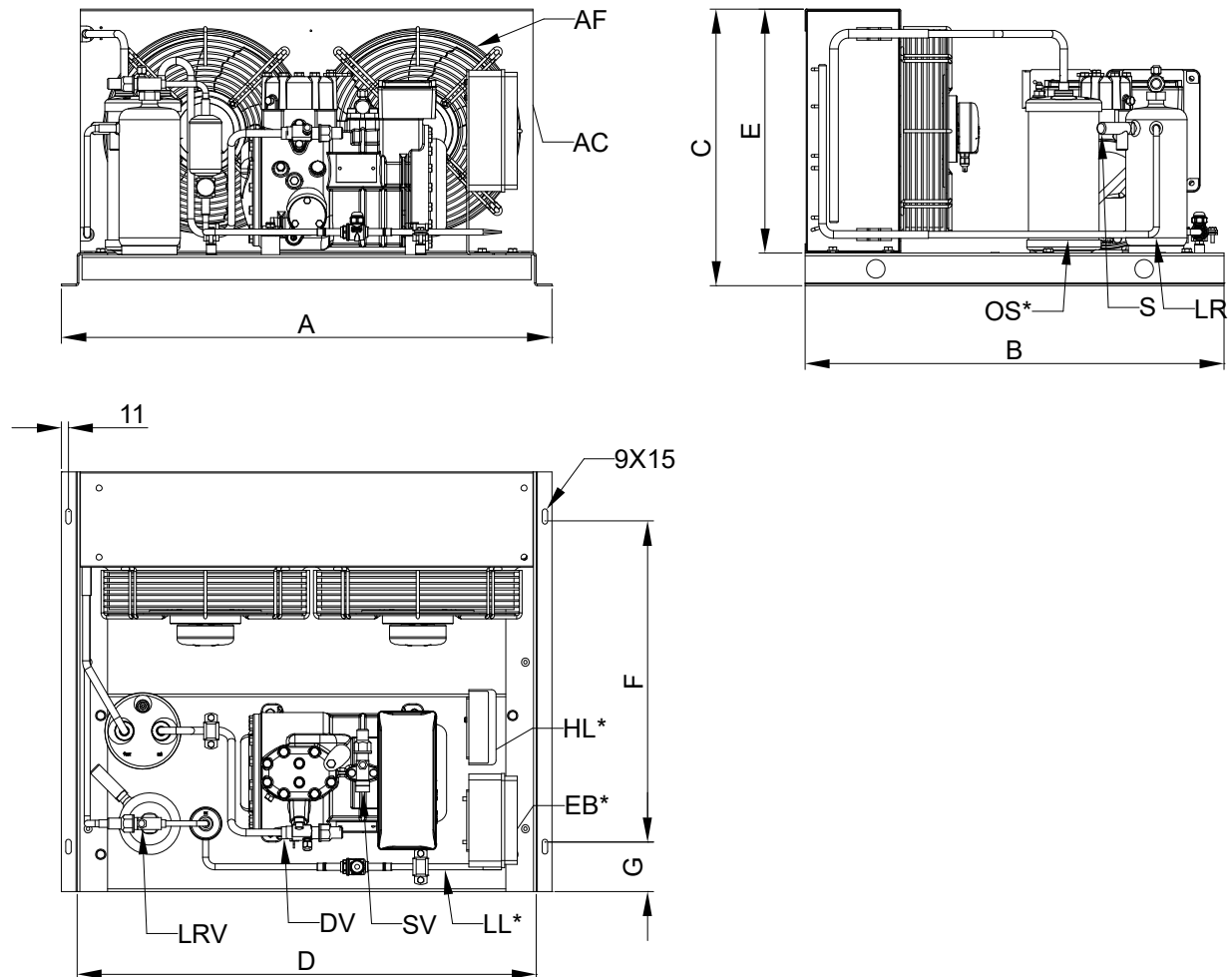
- *ref: At conditions according to EN12900
- Suction gas temperature = 20 °C
- Liquid subcooling = 0 K

Model: LB2-B159-0Y-2M

Refrigerant: R404A

Power supply: 400/3/50 DOL-STAR

Dimensions:



Legend:

SV: Suction Valve	15,8 mm - 5/8" in	
LRV: Liquid valve	9,5 mm - 3/8" in	
A: Length	796 mm	
B: Width	680 mm	
C: Height	448 mm	
A: Length (with housing)	796 mm	
B: Width (with housing)	705 mm	
C: Height (with housing)	473 mm	
D: Base length	746 mm	
E: Condenser Height	395 mm	
F: Base mounting	535 mm	
G: Base mounting	80 mm	
S: Safety Valve		
AC: Condenser		AC Type
AF: Fan motor		
DV: Discharge valve		
LR: Liquid receiver		
OS*: Oil separator		
EB*: Electric box		
HL*: High/Low pressure switch		
H*: High pressure switch		
LL*: Liquid line		
*Package		

All data subject to change without notice