

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH92 300-912 Y ECO

Technical data

Nominal motor power [kW/HP]:	222,9 / 300
Displacement [m ³ /h]:	912
Capacity control [%]:	25-50-75-100
RPM [min ⁻¹]:	x
Weight net [kg]:	1490
Weight gross [kg]:	1564
Oil charge [dm ³]:	36

Electrical data

Power supply [V/~ /Hz]:	380-420/3/50
Locked rotor current Y [A]:	805
Locked rotor current Δ [A]:	2520
Max. operating current [A]:	474
Max. power input [kW]:	280

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	104	4 1/8
Discharge line:	DN125	DN125

R407C

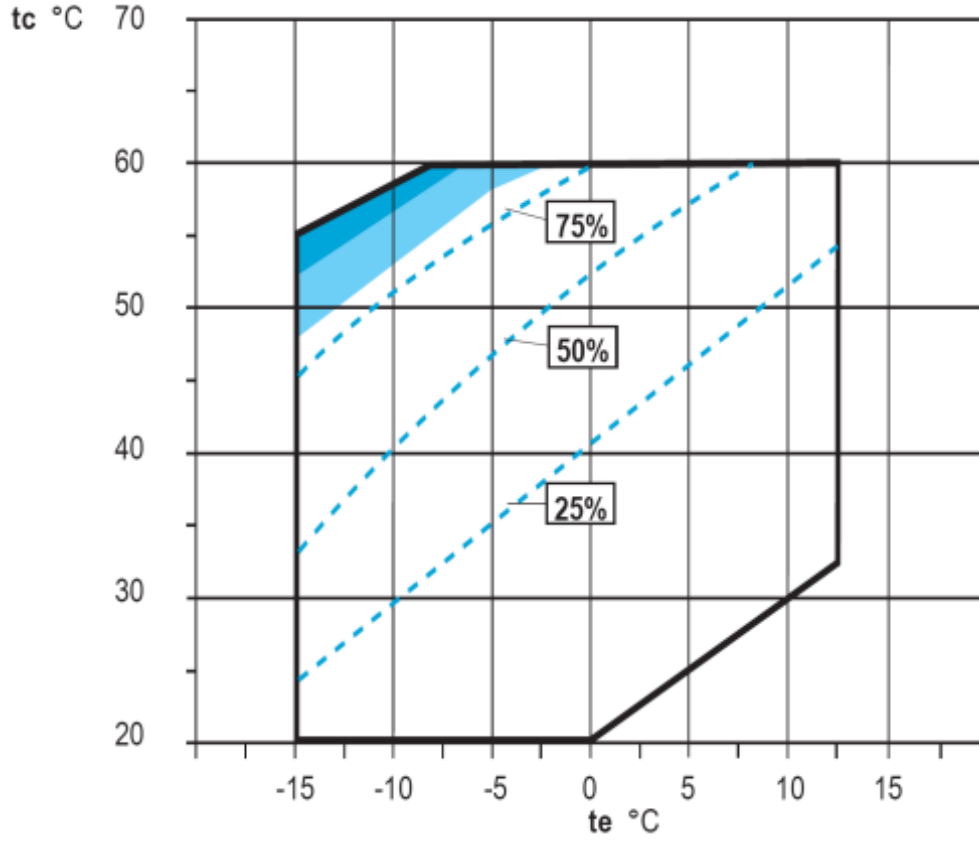
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	1 174 560	995 870	850 200	719 250	602 610	499 060
40	1 179 570	1 094 210	935 760	794 280	668 550	557 020	457 860
50	1 086 440	1 005 380	856 330	723 650	605 270	499 160	403 280
55	1 031 440	953 550	810 330	682 250	566 940	462 160	-

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	167.40	159.20	153.60	149.40	146.30	143.90
40	206.50	202.40	196.60	192.60	189.80	187.90	186.00
50	252.60	251.60	248.50	245.50	243.50	241.50	237.50
55	283.40	282.80	281.30	279.60	275.60	271.60	-

Application limits



With liquid injection or oil cooler

Operating conditions: suction gas overheating 10K, 10K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

