

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH91 240-912 Y ECO

Technical data

Nominal motor power [kW/HP]:	156 / 210
Displacement [m ³ /h]:	912
Capacity control [%]:	25-50-75-100
RPM [min ⁻¹]:	x
Weight net [kg]:	1475
Weight gross [kg]:	1549
Oil charge [dm ³]:	36

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current Y [A]:	650
Locked rotor current Δ [A]:	2029
Max. operating current [A]:	427
Max. power input [kW]:	222

Connections

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

R134a

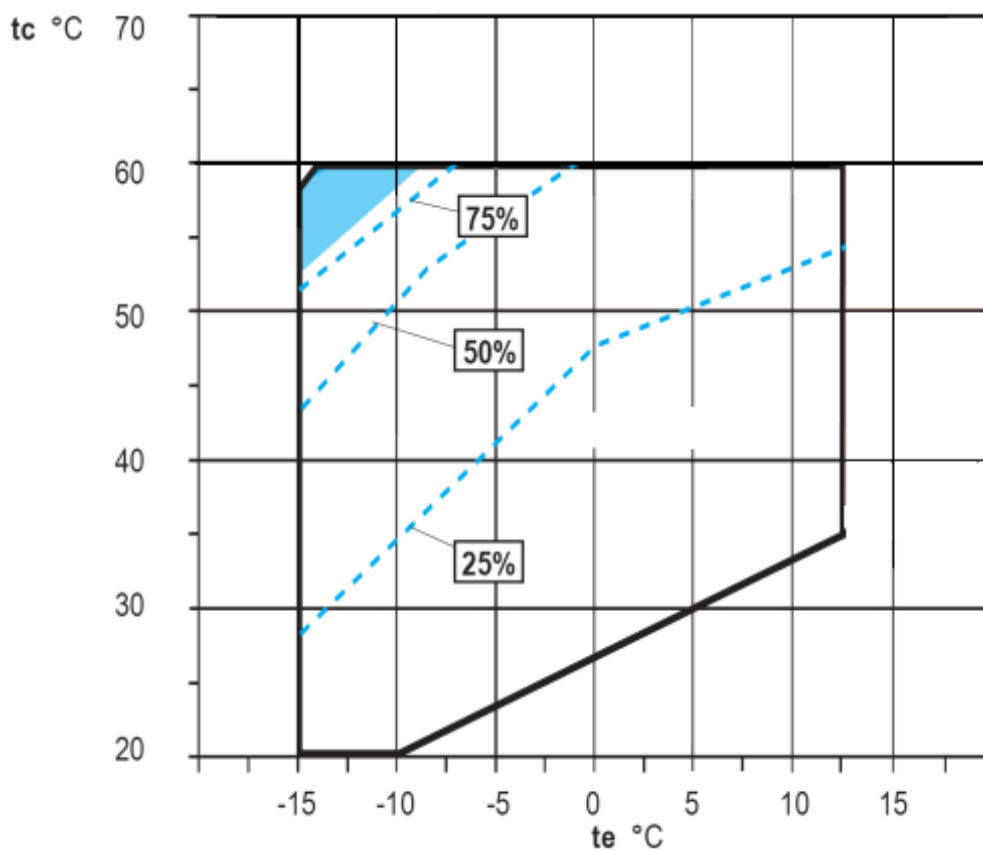
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	721 300	607 210	507 240	420 140	344 700
40	867 070	798 990	675 290	566 730	472 170	390 090	319 040
50	797 350	733 770	618 660	517 970	430 360	354 310	288 270
55	757 790	696 970	586 970	490 780	406 960	333 970	270 490

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	108.90	105.60	103.00	101.20	99.70
40	134.10	132.60	130.00	128.00	126.30	124.80	123.50
50	163.30	162.80	161.40	159.80	158.00	156.30	155.00
55	182.80	182.50	181.30	179.70	178.00	176.40	175.30

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]

