

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH91 240-912 Y

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

R134a

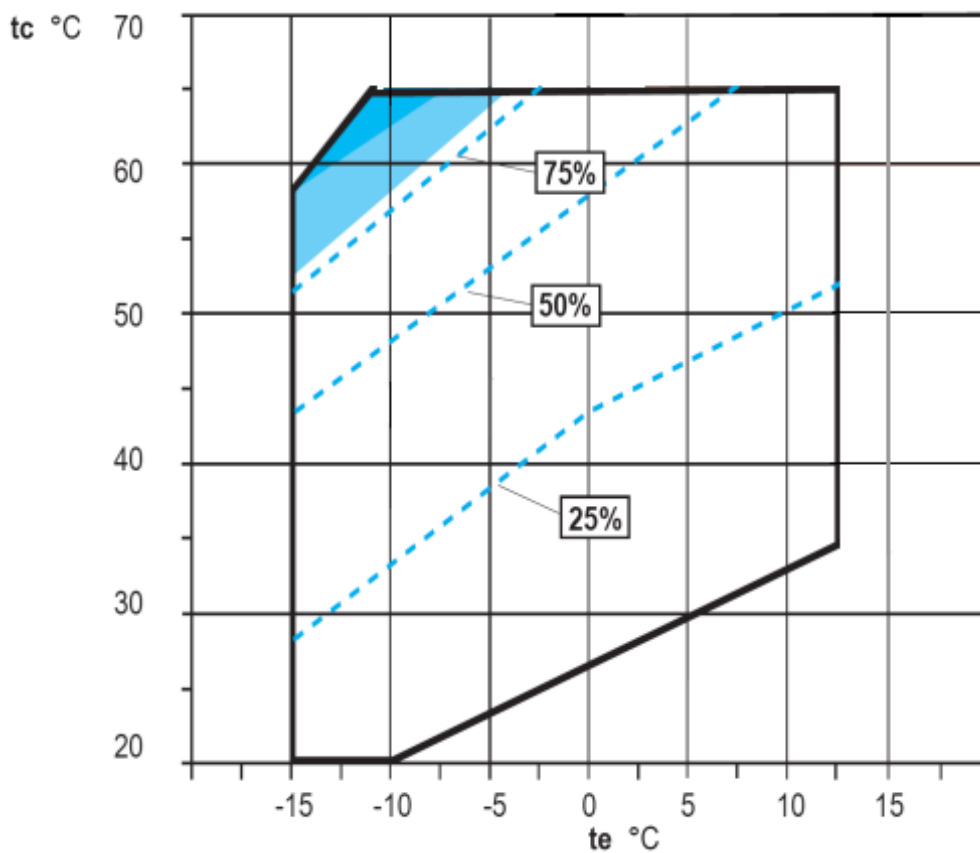
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	693 800	569 490	463 280	373 020	296 860
40	827 920	753 700	620 910	507 140	410 120	328 040	258 930
50	728 860	661 900	542 300	440 080	353 190	279 790	218 250
55	677 030	613 860	501 210	405 010	323 230	254 330	196 580

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	-	107.60	103.00	99.10	95.80	93.00
40	132.00	129.70	125.50	121.50	118.00	114.80	111.90
50	157.00	155.40	151.60	147.60	143.70	140.10	137.10
55	173.80	172.10	168.30	164.00	159.90	156.20	153.70

Application limits



With liquid injection or oil cooler

Operating conditions: suction gas temperature 10K, 0K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]

