

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH92 300-912 Y

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

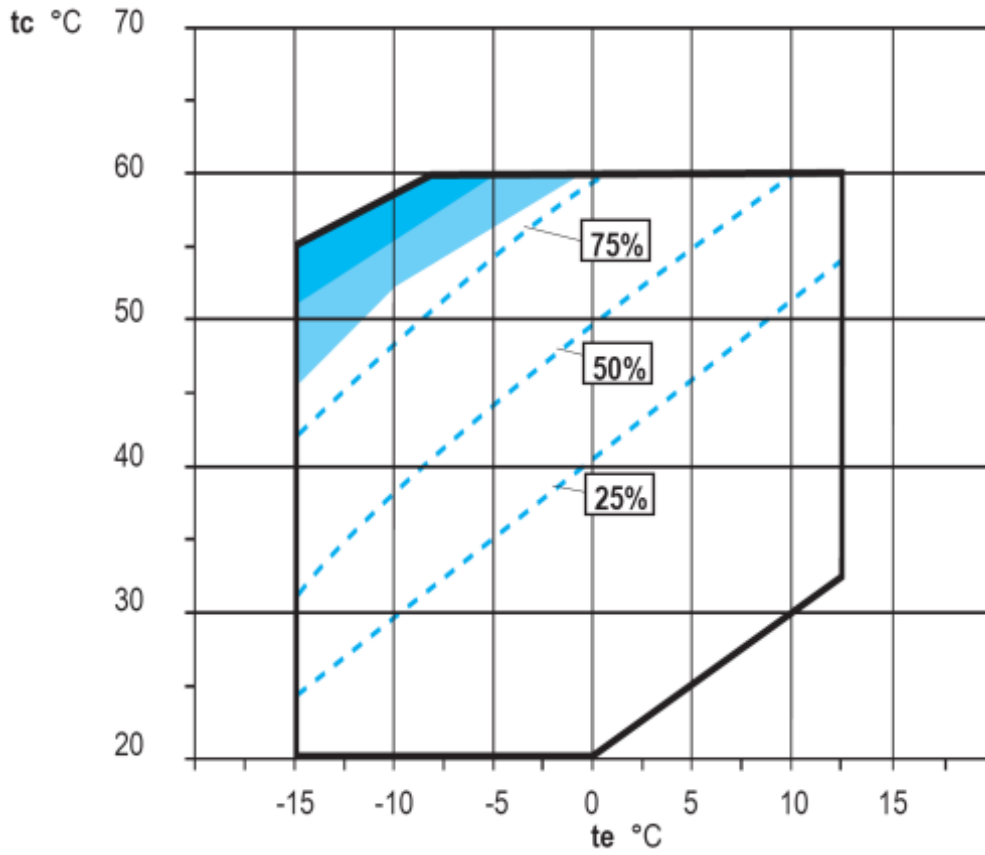
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	1 174 050	983 500	817 900	674 370	550 170	443 040
40	1 152 270	1 055 160	879 950	727 840	596 070	482 090	383 650
50	1 012 020	924 620	766 790	629 500	510 000	405 930	315 060
55	938 110	855 720	706 580	576 240	462 160	361 870	-

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	167.40	158.50	150.90	144.50	139.10	134.40
40	205.10	199.70	190.80	183.60	177.80	172.90	168.60
50	244.00	240.30	233.50	227.20	221.20	215.40	209.50
55	269.60	266.80	260.70	254.00	246.80	239.30	-

Application limits



With liquid injection or oil cooler

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

t_c - Condensing temperature [$^{\circ}\text{C}$]

t_e - Evaporating temperature [$^{\circ}\text{C}$]

