

Type: Semi-hermetic twin screw compressors

Producer: Frascold

Series: CXH

Model: CXH92 280-810 Y ECO

Technical data

Nominal motor power [kW/HP]:	208 / 280
Displacement [m ³ /h]:	810
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]:	455
Max. power input [kW]:	280

Connections

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

R407C

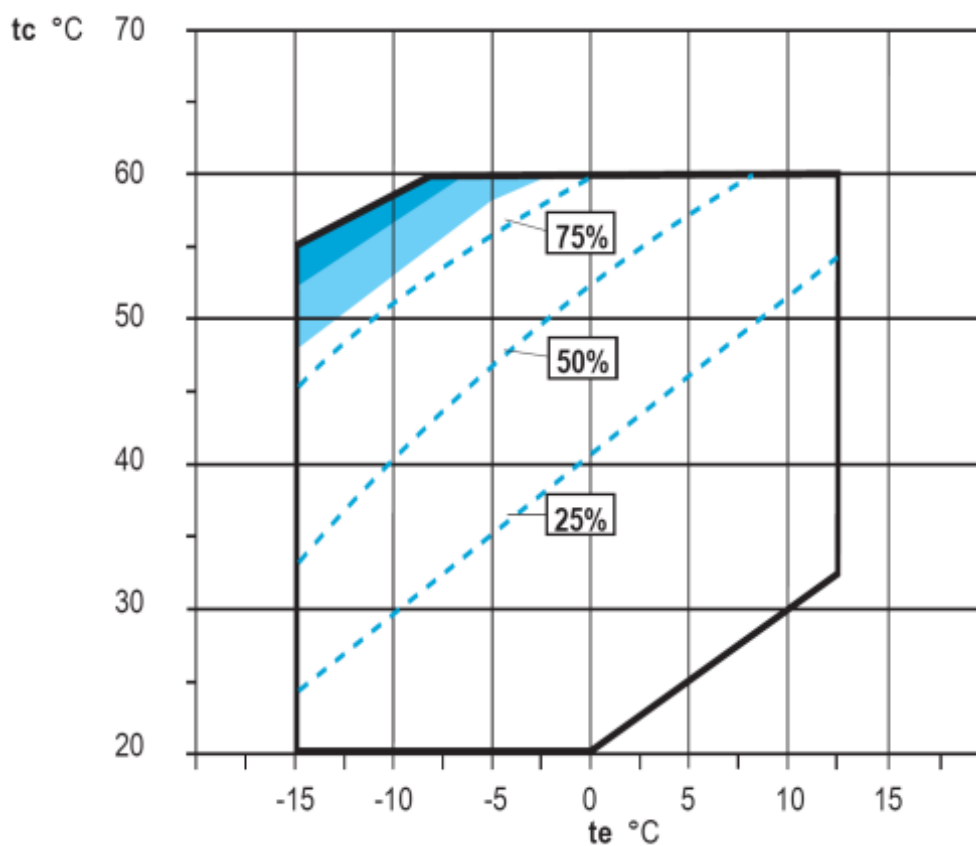
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	1 061 830	910 660	775 180	654 790	547 950	453 220
40	1 080 510	1 000 050	852 260	720 990	604 710	501 460	409 610
50	989 170	913 220	773 850	649 560	538 510	438 450	347 210
55	935 290	862 110	727 360	606 250	496 740	396 370	-

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	152.90	145.90	140.90	137.20	134.50	132.10
40	188.50	185.20	180.40	177.10	174.70	172.60	169.90
50	231.40	230.40	227.40	225.40	221.40	216.30	210.30
55	259.60	259.60	257.60	253.60	247.50	239.50	-

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]

