Type: Semi-hermetic twin screw compressors
Producer: Frascold
Series: CXH

Model: CXH92 210-620 Y

Technical data

Nominal motor power [kW/HP]:	156 / 210
Displacement [m³/h]:	620
Capacity control [%]:	25-50-75-100
RPM [min^{-1}]:	x
Weight net [kg]:	1490
Weight gross [kg]:	1564
Oil charge [dm³]:	36

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current Y [A]:	586
Locked rotor current Δ [A]:	1853
Max. operating current [A]:	375
Max. power input [kW]:	245

Connections

	milimeters	inches
Suction line:	DN80	DN80
Discharge line:	104	4 1/8

R404A/R507

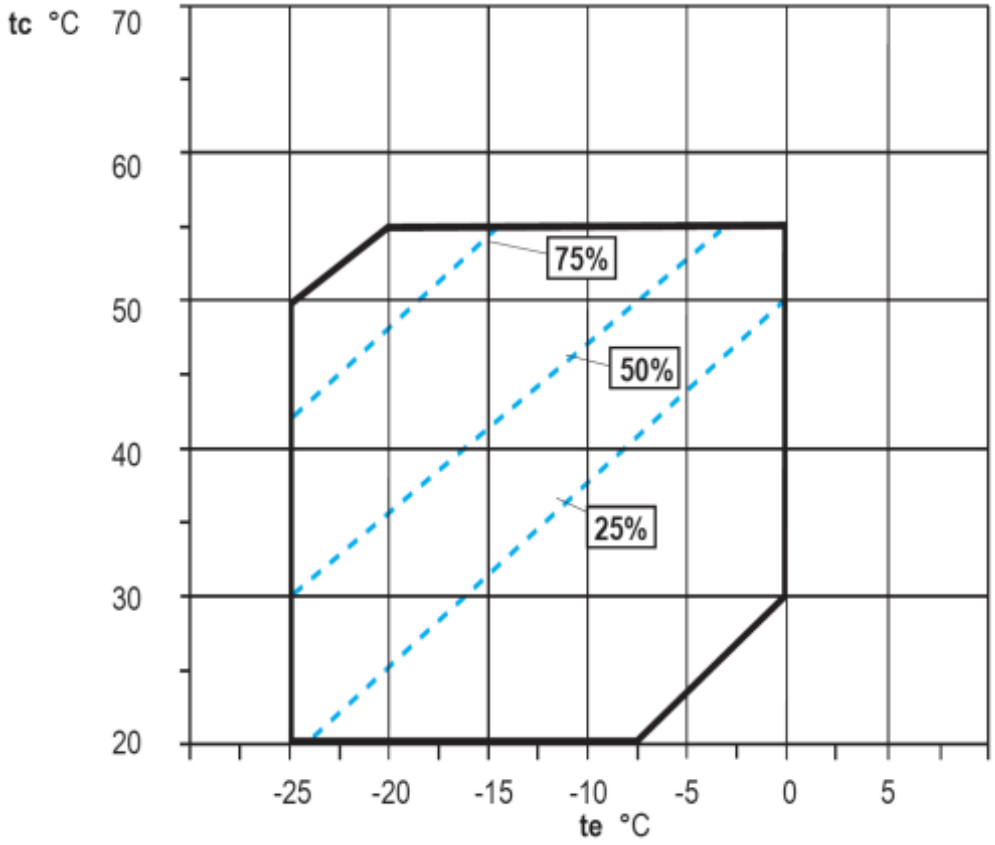
Cooling capacity [W]

$t_c \setminus t_e$	0	-5	-10	-15	-20	-25
30	631 020	522 510	429 040	348 780	280 250	222 030
40	534 680	438 550	356 100	285 670	225 880	175 440
50	432 890	350 290	279 950	220 370	170 300	128 550
55	379 560	304 390	240 700	187 080	142 330	-

Power input [W]

$t_c \setminus t_e$	0	-5	-10	-15	-20	-25
30	128.40	124.90	121.80	119.10	116.20	113.20
40	154.00	150.30	146.70	143.20	139.50	135.80
50	186.50	181.80	177.10	172.50	167.90	163.80
55	205.70	200.60	195.40	190.20	185.60	-

Application limits



With liquid injection or oil cooler

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

t_c - Condensing temperature [ºC]

t_e - Evaporating temperature [ºC]

R407C

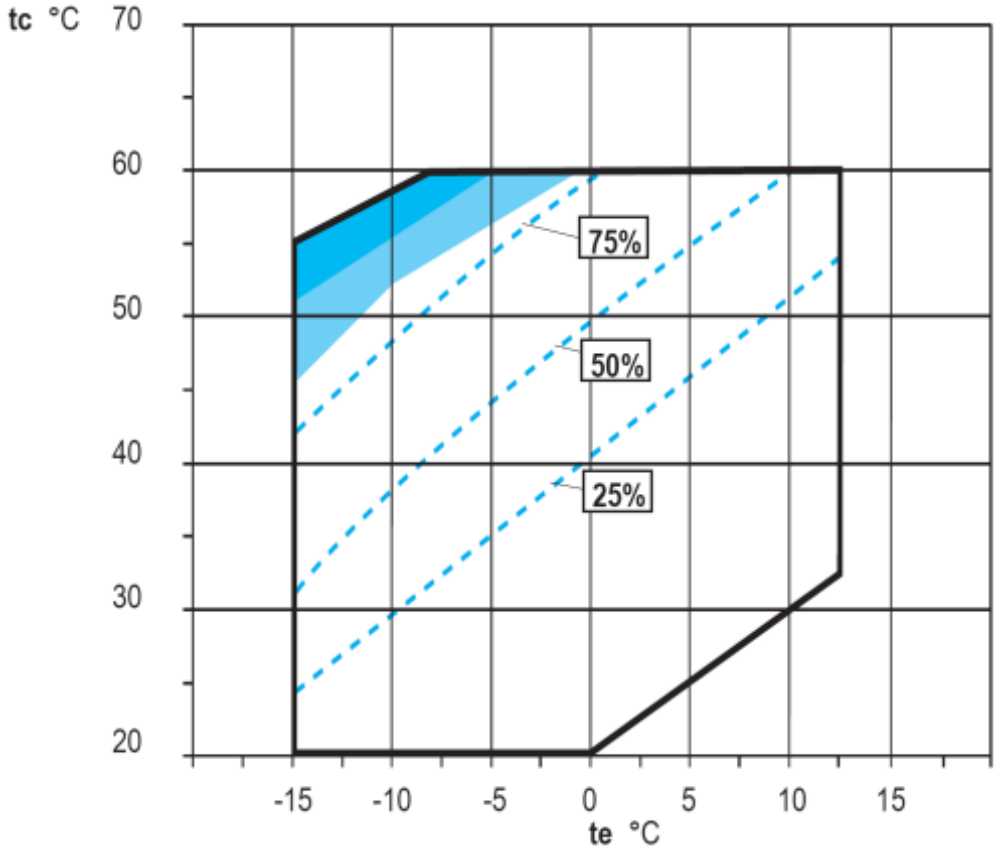
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	819 830	685 950	569 550	468 780	381 790	306 630
40	804 000	735 210	611 100	503 440	410 070	329 350	259 640
50	694 590	633 000	521 640	424 470	339 740	265 500	200 310
55	634 850	577 060	472 280	380 250	299 120	227 140	-

Power input [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	118.00	111.30	106.00	101.70	98.30	95.40
40	146.20	141.50	134.10	128.50	124.10	120.20	116.00
50	171.80	169.00	163.30	157.80	152.20	146.70	141.10
55	187.60	185.50	180.20	173.90	167.30	161.20	-

Application limits



With liquid injection or oil cooler

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

t_c - Condensing temperature [ºC]

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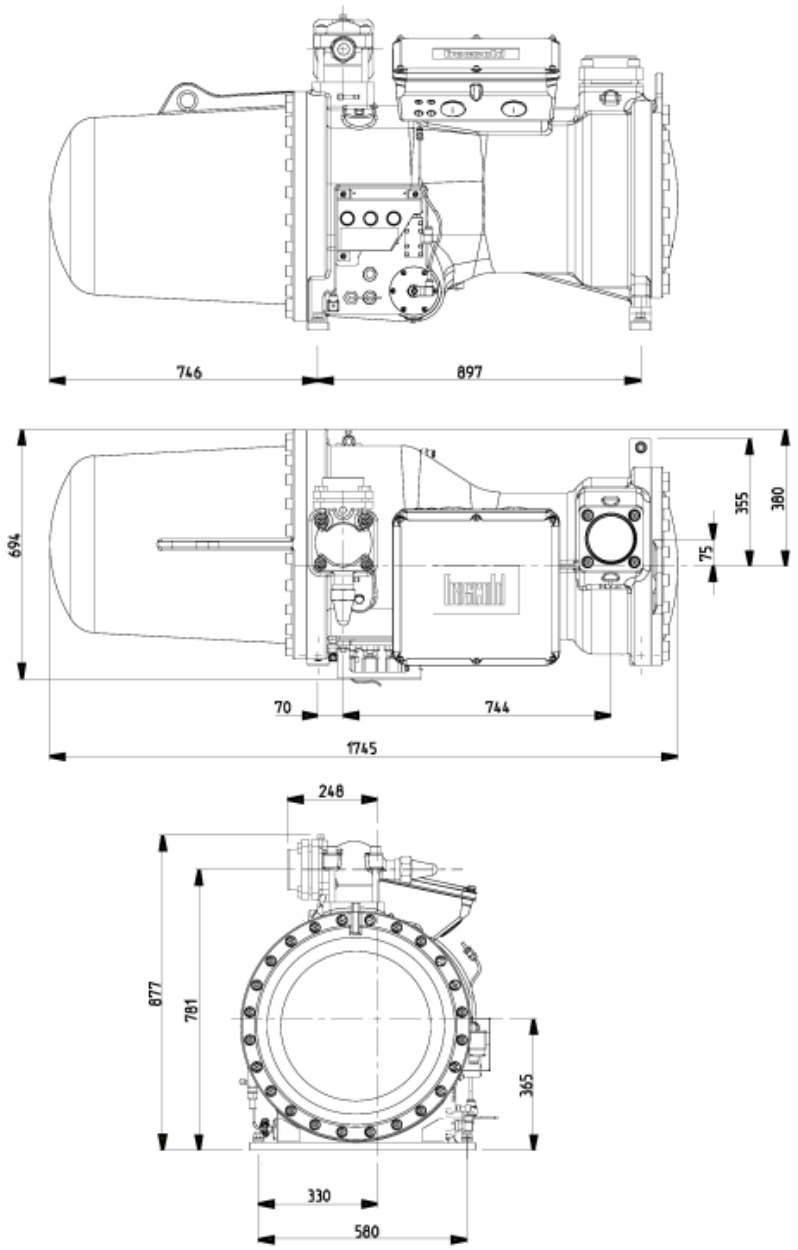
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