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

Model: CXH92 240-702 Y

Technical data

Nominal motor power [kW/HP]:	178,3 / 240
Displacement [m³/h]:	702
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]:	650
Locked rotor current Δ [A]:	2029
Max. operating current [A]:	427
Max. power input [kW]:	204

Connections

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

R404A/R507

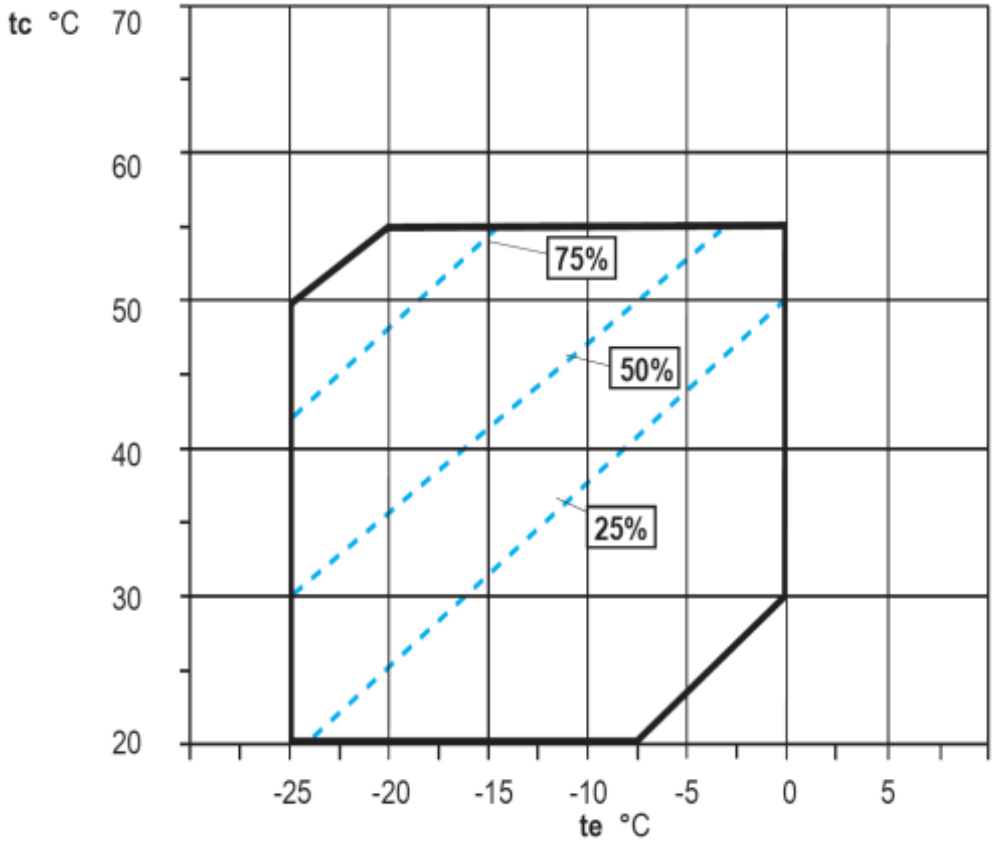
Cooling capacity [W]

t_c \ t_e	0	-5	-10	-15	-20	-25
30	712 460	590 700	485 920	396 080	319 500	254 580
40	603 750	496 930	405 220	326 770	260 060	203 670
50	490 940	399 590	321 390	254 720	198 210	150 610
55	432 090	348 880	277 780	217 290	166 150	-

Power input [W]

t_c \ t_e	0	-5	-10	-15	-20	-25
30	144.70	140.30	136.60	133.10	129.60	125.90
40	173.20	168.50	164.00	159.50	155.00	150.40
50	209.60	203.60	197.30	191.50	185.90	180.80
55	230.70	223.60	217.60	210.60	204.60	-

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

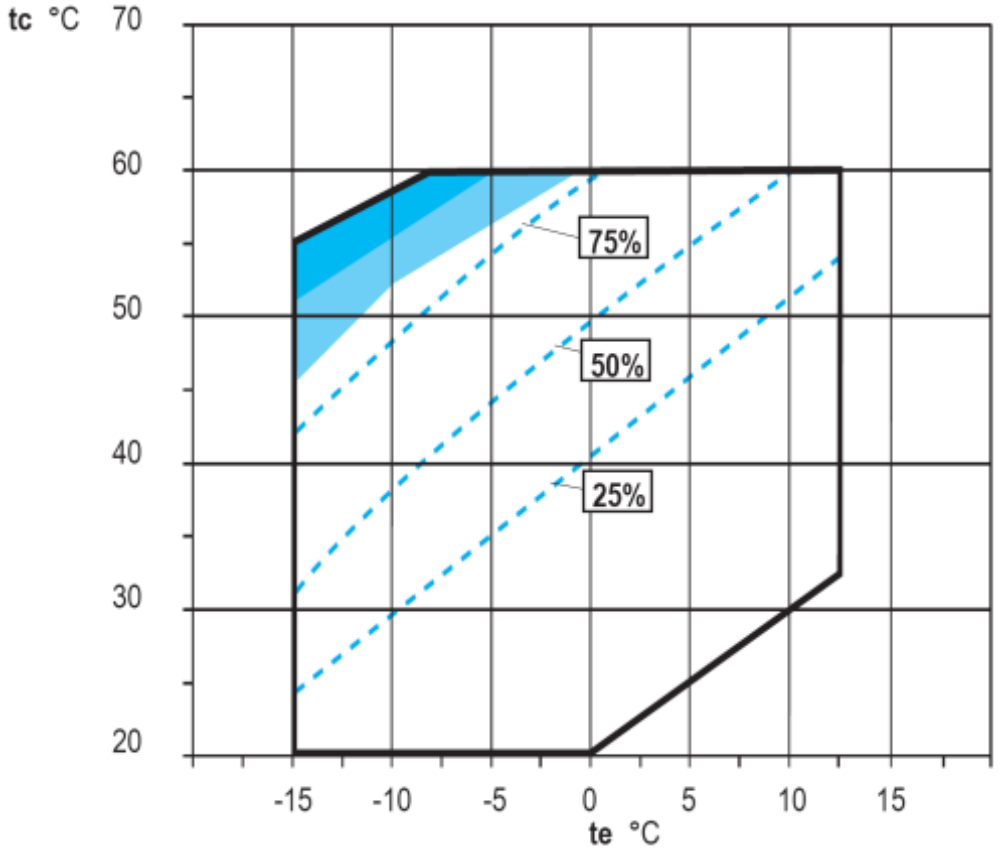
Cooling capacity [W]

t_c \ t_e	12.5	10	5	0	-5	-10	-15
30	-	924 040	773 050	641 910	528 360	430 260	345 760
40	904 090	827 370	689 060	569 070	465 140	375 320	297 890
50	783 480	715 660	593 110	486 210	393 120	311 800	240 600
55	719 340	656 230	541 760	441 300	352 920	274 660	-

Power input [W]

t_c \ t_e	12.5	10	5	0	-5	-10	-15
30	-	130.70	124.20	118.60	114.00	110.00	106.60
40	164.20	158.70	150.10	143.90	139.30	135.60	132.00
50	193.50	189.70	183.30	177.90	173.10	168.70	164.50
55	212.20	209.70	204.40	199.00	193.90	189.10	-

Application limits



With liquid injection or oil cooler

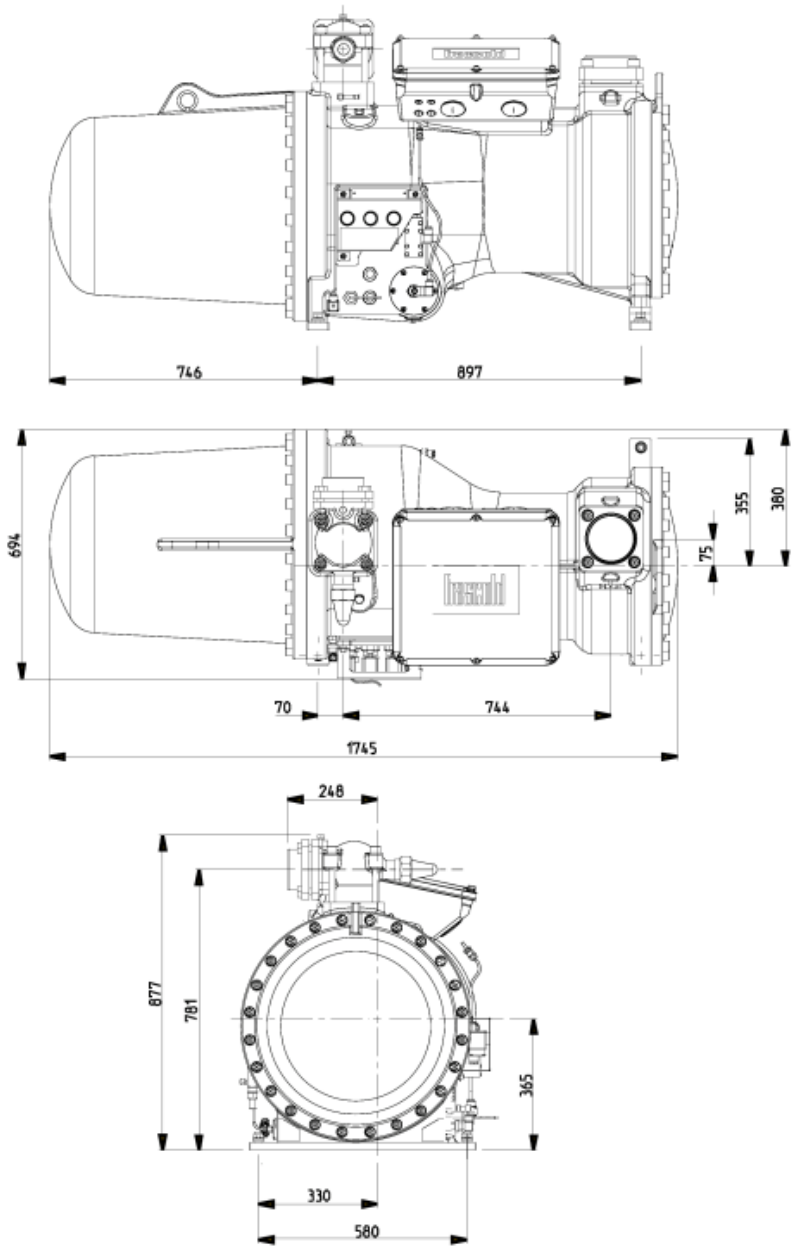
Operating conditions: suction gas temperature 10K, 0K subcooling

t_c - Condensing temperature [ºC]

t_e - Evaporating temperature [ºC]

Model: CXH92 240-702 Y

Dimensions



Model: CXH92 240-702 Y

Image