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

Model: CXH02 100-298 Y ECO

Technical data

Nominal motor power [kW/HP]:	75 / 100
Displacement [m³/h]:	298
Capacity control [%]:	25-50-75-100
RPM [min^{-1}]:	x
Weight net [kg]:	525
Weight gross [kg]:	581
Oil charge [dm³]:	18

Electrical data

Power supply [V/~/Hz]:	380-420/3/50
Locked rotor current (P.W.S.) [A]:	180
Locked rotor current (D.O.L.) [A]:	656
Max. operating current [A]:	401
Max. power input [kW]:	101

Connections

	milimeters	inches
Suction line:	54	2 1/8
Discharge line:	DN80	DN80

R404A/R507

Cooling capacity [W]

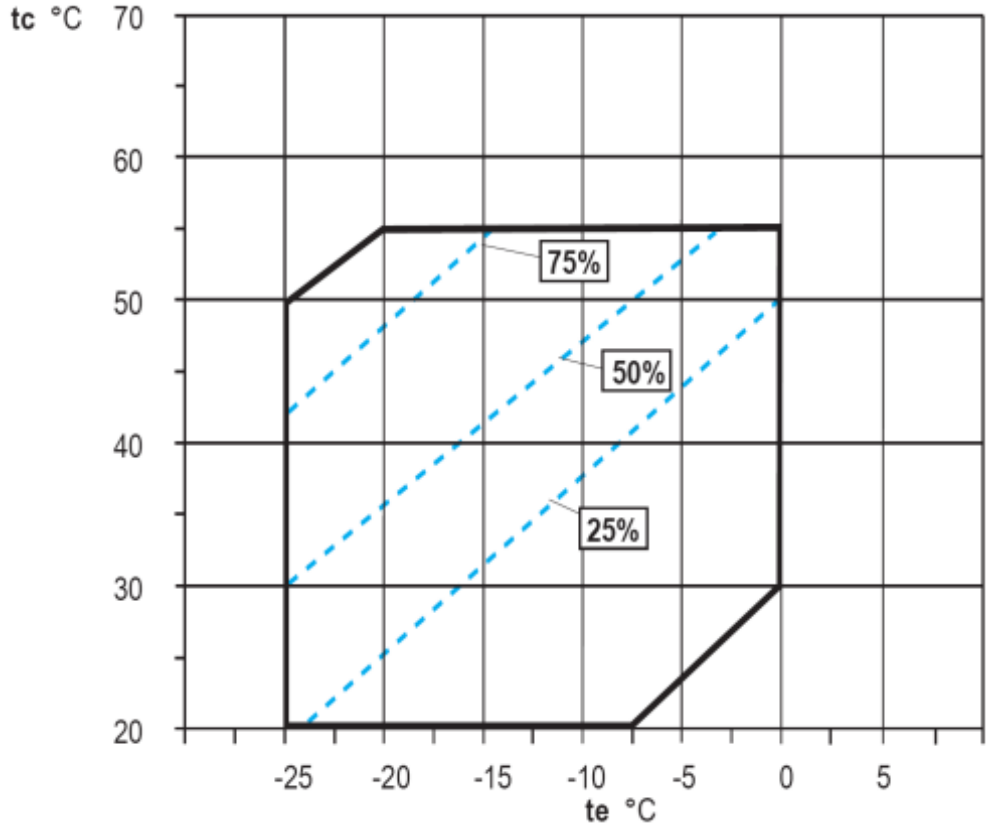
$t_c \setminus t_e$	0	-5	-10	-15	-20	-25
30	303 740	259 460	220 100	185 400	155 000	128 450
40	272 320	231 630	195 800	164 320	136 730	112 570
50	235 240	199 190	167 510	139 660	115 160	93 570
55	214 610	181 270	151 970	126 170	103 430	-

Power input [W]

$t_c \setminus t_e$	0	-5	-10	-15	-20	-25
30	63.50	62.60	62.00	61.70	61.30	60.80
40	78.40	77.80	77.40	76.90	76.30	75.40
50	98.40	97.90	97.30	96.60	95.50	94.20
55	111.00	110.40	109.70	108.80	107.60	0.00

Phone : + 90 232 224 85 10-11
Address : Uluçreis Cd.No:6 Kısık Sanayi Sitesi Menderes/İZMİR
www.oncusogutma.com
Email address :info@oncusogutma.com

Application limits



With liquid injection or oil cooler

Operating conditions: suction gas overheating 10K, 10K subcooling
t_c - Condensing temperature [ºC]
t_e - Evaporating temperature [ºC]

R407C

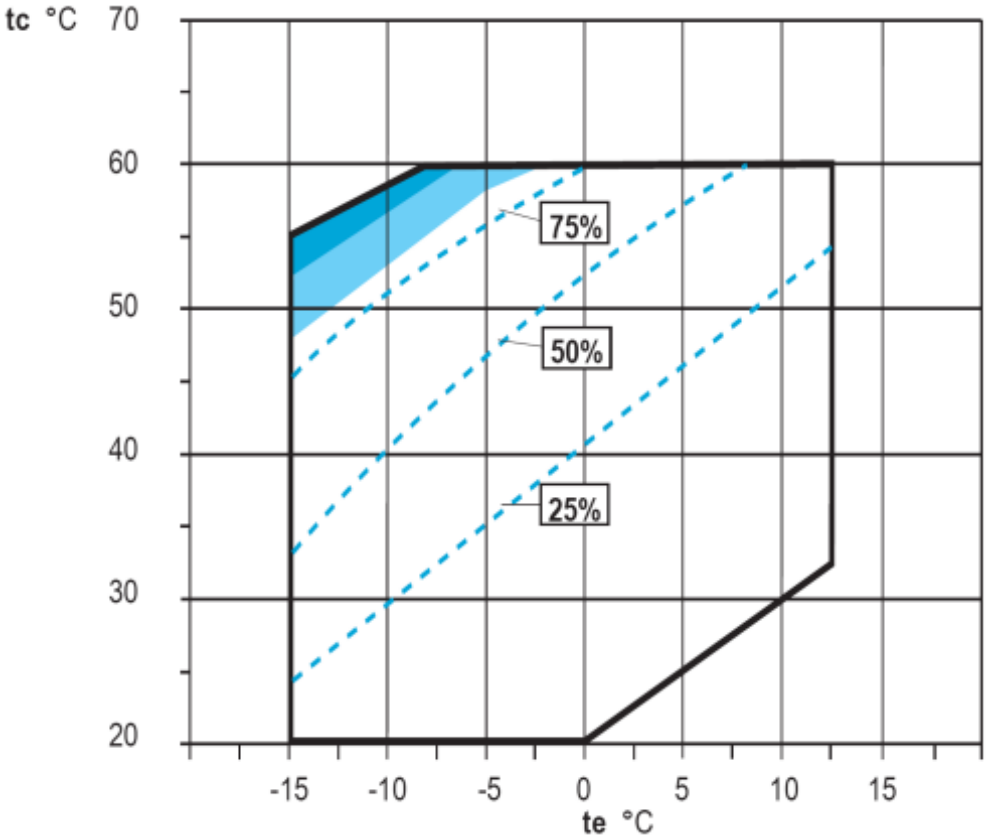
Cooling capacity [W]

$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	376 990	319 740	273 440	231 610	194 270	160 930
40	378 760	351 780	301 590	256 470	216 060	180 130	147 970
50	347 420	322 090	275 200	233 030	195 090	160 690	129 120
55	328 450	304 300	259 540	219 010	181 900	147 620	-

Power input [W]

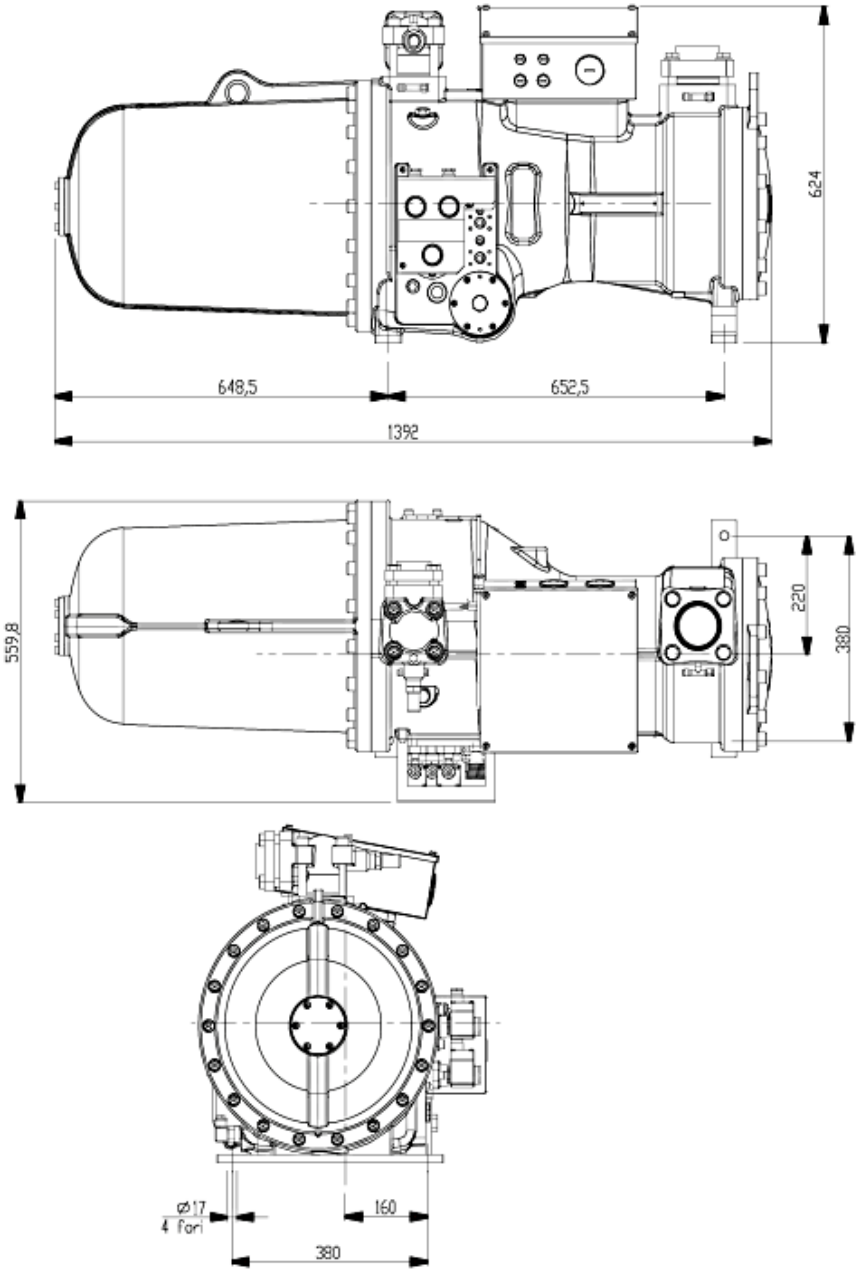
$t_c \setminus t_e$	12.5	10	5	0	-5	-10	-15
30	-	56.80	54.20	52.60	51.40	50.60	50.00
40	72.00	70.10	67.50	66.10	65.40	64.90	64.30
50	87.70	86.90	85.80	85.20	84.70	84.00	83.00
55	98.20	98.10	97.80	97.40	96.80	95.90	-

Application limits



With liquid injection or oil cooler

Operating conditions: suction gas overheating 10K, 10K subcooling
t_c - Condensing temperature [ºC]
t_e - Evaporating temperature [ºC]



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