



Minimum evaporating temp. with:
 ——— 25°C Suction Gas Return
 - - - 10K Suction Superheat

Suction Superheat 10.0K **Evaporating Temperature °C** Liquid subcooling 0.0K

Cond °C	Capacity kW								
	-20	-15	-10	-5	0	5	7	10	12.5
25	4.02	4.97	6.08	7.39	8.95	10.80	11.60	12.95	14.20
30	3.78	4.74	5.83	7.09	8.57	10.30	11.10	12.35	13.50
35	3.47	4.44	5.51	6.74	8.15	9.79	10.50	11.70	12.75
40	3.08	4.07	5.14	6.32	7.67	9.22	9.90	11.00	12.00
45		3.64	4.70	5.85	7.14	8.60	9.25	10.30	11.20
50			4.20	5.32	6.56	7.94	8.54	9.51	10.40
55				4.74	5.92	7.22	7.79	8.69	9.49
60					5.22	6.44	6.97	7.80	8.54
65						5.58	6.06	6.82	7.50
	Power Input kW								
	-20	-15	-10	-5	0	5	7	10	12.5
25	1.52	1.51	1.50	1.47	1.44	1.40	1.38	1.35	1.32
30	1.71	1.70	1.69	1.67	1.64	1.62	1.60	1.58	1.57
35	1.94	1.92	1.90	1.88	1.86	1.84	1.83	1.82	1.81
40	2.21	2.17	2.14	2.12	2.09	2.08	2.07	2.06	2.06
45		2.48	2.43	2.39	2.36	2.34	2.33	2.32	2.32
50			2.77	2.72	2.67	2.64	2.62	2.61	2.61
55				3.10	3.03	2.98	2.96	2.95	2.93
60					3.46	3.38	3.36	3.33	3.31
65						3.85	3.82	3.77	3.74
	Current 400V, A								
	-20	-15	-10	-5	0	5	7	10	12.5
25	3.63	3.60	3.55	3.49	3.45	3.43	3.44	3.46	3.50
30	3.83	3.82	3.78	3.74	3.70	3.70	3.70	3.73	3.77
35	4.06	4.06	4.03	3.99	3.96	3.96	3.96	3.99	4.03
40	4.36	4.36	4.32	4.28	4.25	4.24	4.24	4.27	4.30
45		4.72	4.68	4.63	4.58	4.56	4.56	4.57	4.60
50			5.12	5.05	4.99	4.94	4.93	4.93	4.95
55				5.57	5.48	5.41	5.39	5.37	5.37
60					6.08	5.97	5.94	5.90	5.88
65						6.67	6.61	6.55	6.51
	Mass Flow g/s								
	-20	-15	-10	-5	0	5	7	10	12.5
25	21.90	26.80	32.40	38.90	46.70	55.80	59.80	66.40	72.40
30	21.60	26.80	32.50	39.10	46.80	55.70	59.70	66.10	71.90
35	20.90	26.40	32.30	39.00	46.60	55.50	59.40	65.70	71.40
40	19.60	25.50	31.80	38.60	46.30	55.10	58.90	65.10	70.70
45		24.20	30.90	37.90	45.70	54.50	58.30	64.40	69.90
50			29.50	36.90	44.80	53.60	57.40	63.50	68.90
55				35.40	43.60	52.50	56.40	62.40	67.80
60					42.10	51.20	55.10	61.20	66.60
65						49.60	53.60	59.80	65.30

Copeland Scroll - Compressor - Air Conditioning - Standard
COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	6
Length/Width, mm	242/242
Height, mm	421
Net Weight, kg	29.4
Stub Suction, inch	7/8"
Stub Discharge, inch	1/2"
Oil Quantity, l	1.2
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m, dBA	57
Sound Power, dBA	68
PED Category	1
High Side PS, bar(g)	43
Low Side PS, bar(g)	28
Low Side TS Max., °C	50
Internal Free Volume, l	3.7

COMPRESSOR ELECTRICAL DATA (380/420V - 3~ - 50Hz)

Maximum Operating Current, A	7
Locked Rotor Current, A	46
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES OPTIONAL

Crankcase Heater	40W External
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MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	TFM		Y	1.00