



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
27	3,48	4,36	5,38	6,56	7,90	9,42	10,10	11,10	12,05
30	3,37	4,23	5,23	6,38	7,69	9,18	9,82	10,85	11,75
35	3,18	4,01	4,97	6,08	7,34	8,77	9,39	10,40	11,25
40	2,99	3,78	4,71	5,77	6,98	8,36	8,96	9,91	10,75
45		3,55	4,44	5,46	6,62	7,94	8,52	9,44	10,25
50			4,15	5,13	6,24	7,51	8,07	8,95	9,73
55			3,84	4,77	5,85	7,07	7,60	8,44	9,19
60				4,40	5,42	6,59	7,10	7,91	8,63
65					4,97	6,08	6,57	7,35	8,05
	Power Input kW								
	-20	-15	-10	-5	0	5	7	10	12,5
27	1,41	1,41	1,40	1,38	1,35	1,33	1,32	1,31	1,30
30	1,51	1,51	1,50	1,48	1,46	1,44	1,43	1,42	1,41
35	1,70	1,70	1,69	1,67	1,65	1,62	1,62	1,60	1,60
40	1,91	1,90	1,89	1,88	1,85	1,83	1,82	1,81	1,80
45		2,14	2,13	2,11	2,09	2,06	2,05	2,04	2,03
50			2,39	2,37	2,34	2,31	2,30	2,29	2,28
55			2,68	2,65	2,62	2,59	2,58	2,57	2,55
60				2,97	2,94	2,91	2,89	2,87	2,86
65					3,29	3,25	3,24	3,22	3,20
	Current 400V, A								
	-20	-15	-10	-5	0	5	7	10	12,5
27	3,23	3,23	3,22	3,19	3,16	3,14	3,13	3,13	3,13
30	3,32	3,33	3,31	3,29	3,27	3,24	3,24	3,23	3,24
35	3,51	3,52	3,51	3,49	3,46	3,44	3,44	3,43	3,43
40	3,74	3,75	3,74	3,72	3,69	3,67	3,67	3,66	3,66
45		4,03	4,02	4,00	3,97	3,94	3,94	3,93	3,93
50			4,35	4,32	4,29	4,26	4,25	4,24	4,23
55			4,73	4,70	4,66	4,62	4,61	4,59	4,58
60				5,13	5,08	5,03	5,02	4,99	4,98
65					5,56	5,50	5,48	5,45	5,43
	Mass Flow g/s								
	-20	-15	-10	-5	0	5	7	10	12,5
27	20,30	25,10	30,60	36,90	43,90	51,80	55,10	60,50	65,20
30	20,10	24,90	30,40	36,60	43,60	51,50	54,90	60,20	64,90
35	19,70	24,50	30,00	36,20	43,20	51,10	54,40	59,70	64,40
40	19,30	24,10	29,60	35,80	42,80	50,60	54,00	59,30	64,00
45		23,60	29,10	35,30	42,30	50,10	53,50	58,80	63,50
50			28,50	34,70	41,70	49,50	52,90	58,20	62,90
55			27,70	34,00	41,00	48,80	52,20	57,60	62,30
60				33,00	40,00	48,00	51,40	56,80	61,50
65					38,80	46,80	50,30	55,80	60,60

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

Displacement @ 50 Hz, cu.m/h	8.03
Length/Width, mm	242/242
Height, mm	386
Net Weight, kg	26
Gross Weight, kg	30
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	1.1
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (HT), dBA	57
Sound Power (HT), dBA	68
PED Category	1
Internal Free Volume, l	3.4
High Side PS, bar(g)	29.5
Low Side PS, bar(g)	20
Low Side TS Max., °C	50

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

Maximum Operating Current, A	6.3
Locked Rotor Current, A	40
Winding Resistance, ohm	4.83
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
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MOTOR OPTIONS

<i>Power Supply</i>	<i>Nominal Voltage</i>	<i>Motor Code</i>	<i>Start Connection</i>	<i>DOL Connection</i>	<i>Amps Factor</i>
380-420 V/3~/50H	400	TFD		Y	1,00
200-220 V/3~/50H	200	TF5		Y	2,09
200-230 V/3~/60H	230	TF5		Y	2,09
460 V/3~/60Hz	460	TFD		Y	1,04