



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	2,19	2,77	3,45	4,23	5,11	6,12	6,56	7,26	7,88
30	2,11	2,67	3,33	4,09	4,95	5,93	6,36	7,04	7,64
35	1,97	2,52	3,15	3,88	4,70	5,64	6,04	6,69	7,27
40	1,85	2,38	2,99	3,68	4,47	5,37	5,76	6,38	6,93
45		2,22	2,81	3,48	4,24	5,10	5,48	6,07	6,60
50			2,61	3,26	4,00	4,83	5,19	5,76	6,27
55			2,37	3,00	3,72	4,52	4,87	5,42	5,91
60				2,69	3,39	4,17	4,50	5,04	5,51
65					2,99	3,75	4,08	4,59	5,05
	Power Input kW								
	-20	-15	-10	-5	0	5	7	10	12,5
27	0,92	0,91	0,91	0,89	0,88	0,86	0,85	0,84	0,83
30	0,99	0,99	0,99	0,98	0,97	0,95	0,95	0,94	0,94
35	1,12	1,12	1,12	1,11	1,10	1,10	1,10	1,10	1,10
40	1,28	1,27	1,26	1,25	1,24	1,24	1,24	1,24	1,25
45		1,45	1,43	1,41	1,40	1,39	1,39	1,39	1,40
50			1,65	1,62	1,59	1,58	1,57	1,57	1,57
55			1,92	1,87	1,83	1,80	1,79	1,78	1,78
60				2,20	2,13	2,08	2,07	2,05	2,04
65					2,51	2,44	2,41	2,38	2,36
	Current 400V, A								
	-20	-15	-10	-5	0	5	7	10	12,5
27	2,22	2,22	2,21	2,19	2,16	2,14	2,13	2,11	2,10
30	2,30	2,30	2,29	2,28	2,26	2,25	2,24	2,23	2,23
35	2,45	2,45	2,44	2,43	2,42	2,41	2,41	2,41	2,41
40	2,63	2,62	2,60	2,59	2,58	2,57	2,58	2,58	2,59
45		2,84	2,81	2,78	2,76	2,75	2,75	2,76	2,76
50			3,07	3,02	2,99	2,97	2,96	2,96	2,97
55			3,41	3,34	3,28	3,24	3,23	3,22	3,22
60				3,75	3,66	3,59	3,57	3,55	3,53
65					4,14	4,04	4,01	3,96	3,93
	Mass Flow g/s								
	-20	-15	-10	-5	0	5	7	10	12,5
27	12,80	16,00	19,60	23,70	28,40	33,60	35,90	39,50	42,60
30	12,60	15,70	19,40	23,50	28,10	33,30	35,50	39,10	42,20
35	12,30	15,40	19,00	23,10	27,70	32,80	35,00	38,50	41,60
40	12,00	15,20	18,80	22,80	27,40	32,50	34,70	38,20	41,20
45		14,80	18,40	22,50	27,10	32,20	34,40	37,80	40,90
50			17,90	22,10	26,70	31,80	34,00	37,50	40,50
55			17,10	21,40	26,10	31,20	33,50	37,00	40,00
60				20,20	25,00	30,30	32,60	36,10	39,30
65					23,40	28,90	31,20	34,90	38,10

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

Displacement @ 50 Hz, cu.m/h	5.34
Length/Width, mm	242/242
Height, mm	363
Net Weight, kg	22
Gross Weight, kg	26
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	1
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (HT), dBA	54
Sound Power (HT), dBA	65
PED Category	1
Internal Free Volume, l	2.9
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	4.2
Locked Rotor Current, A	24
Winding Resistance, ohm	8.64
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