



Minimum evaporating temp. with:

———— 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	9,40	11,60	14,10	16,95	20,20	23,90	25,50	28,10	29,20
30	8,76	10,90	13,35	16,10	19,25	22,80	24,40	26,90	27,80
35	8,10	10,15	12,50	15,15	18,20	21,70	23,20	25,60	26,30
40	7,43	9,39	11,60	14,15	17,10	20,40	21,90	24,20	24,70
45		8,60	10,70	13,15	15,90	19,10	20,50	22,70	23,10
50			9,76	12,05	14,65	17,70	19,00	21,10	21,20
55				10,90	13,35	16,20	17,45	19,45	19,30
60					11,95	14,55	15,75	17,60	17,10
65						12,80	13,85	15,60	15,60
	Power Input kW								
	-20	-15	-10	-5	0	5	7	10	12,5
25	3,04	3,07	3,10	3,14	3,20	3,28	3,31	3,38	3,83
30	3,45	3,48	3,52	3,55	3,60	3,67	3,71	3,77	4,24
35	3,92	3,95	3,97	4,01	4,05	4,11	4,14	4,19	4,71
40	4,44	4,47	4,49	4,51	4,55	4,59	4,62	4,66	5,24
45		5,06	5,07	5,09	5,11	5,15	5,17	5,20	5,84
50			5,74	5,75	5,76	5,78	5,79	5,82	6,54
55				6,50	6,50	6,50	6,51	6,52	7,34
60					7,34	7,33	7,33	7,33	8,26
65						8,28	8,27	8,26	8,26
	Current 400V, A								
	-20	-15	-10	-5	0	5	7	10	12,5
25	7,48	7,52	7,55	7,60	7,65	7,74	7,78	7,85	8,37
30	7,95	7,98	8,02	8,06	8,12	8,20	8,24	8,30	8,88
35	8,49	8,53	8,56	8,60	8,65	8,72	8,76	8,82	9,47
40	9,13	9,16	9,19	9,22	9,26	9,33	9,36	9,41	10,16
45		9,92	9,93	9,95	9,99	10,03	10,06	10,11	10,96
50			10,81	10,81	10,83	10,86	10,88	10,92	11,91
55				11,82	11,82	11,84	11,85	11,87	13,01
60					12,98	12,97	12,98	12,99	14,29
65						14,29	14,28	14,28	14,29
	Mass Flow g/s								
	-20	-15	-10	-5	0	5	7	10	12,5
25	51,30	62,60	75,00	89,50	105,50	123,50	131,50	144,00	155,00
30	50,10	61,60	74,30	88,50	105,00	123,50	131,50	144,00	155,00
35	48,80	60,30	73,30	88,00	104,50	123,00	131,00	144,00	155,00
40	47,30	58,90	71,90	86,50	103,00	122,00	130,00	143,50	155,00
45		57,30	70,40	85,00	102,00	121,00	129,00	142,50	154,00
50			68,70	83,50	100,50	119,50	128,00	141,00	153,00
55				81,50	98,50	117,50	126,00	139,50	152,00
60					96,50	116,00	124,50	138,00	150,00
65						114,00	122,50	136,50	149,00

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	13.4
Length/Width, mm	246/246
Height, mm	443
Net Weight, kg	39.5
Stub Suction, inch	7/8
Stub Discharge, inch	1/2
Oil Quantity, l	1.77
Base mounting (hole dia), mm	190 x 190 (19.0)
Sound Pressure @ 1m (HT), dBA	61
Sound Power (HT), dBA	72
PED Category	1
Internal Free Volume, l	4.3
High Side PS, bar(g)	43
Low Side PS, bar(g)	28
Low Side TS Max., °C	50

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

Maximum Operating Current, A	15
Locked Rotor Current, A	101
Winding Resistance, ohm	1.79
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Rubber Grommet For Single

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
------------------	---------------

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	TFD		Y	1,00