


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	4,99	6,23	7,68	9,34	11,25	13,40	14,35	15,85	17,15
30	4,84	6,05	7,47	9,10	10,95	13,10	14,00	15,45	16,75
35	4,56	5,74	7,11	8,69	10,50	12,50	13,40	14,80	16,05
40	4,25	5,40	6,73	8,25	9,99	11,95	12,80	14,15	15,35
45		5,03	6,32	7,79	9,47	11,35	12,20	13,50	14,65
50			5,87	7,30	8,92	10,75	11,55	12,80	13,90
55			5,37	6,76	8,32	10,10	10,85	12,05	13,15
60				6,16	7,67	9,37	10,10	11,25	12,30
65					6,97	8,61	9,31	10,45	11,40
	Power Input kW								
	-20	-15	-10	-5	0	5	7	10	12,5
27	2,07	2,06	2,05	2,04	2,03	2,01	1,99	1,98	1,96
30	2,21	2,20	2,19	2,18	2,16	2,14	2,13	2,11	2,10
35	2,47	2,45	2,44	2,42	2,40	2,38	2,37	2,35	2,34
40	2,76	2,74	2,72	2,70	2,68	2,65	2,64	2,62	2,60
45		3,07	3,04	3,01	2,99	2,96	2,94	2,92	2,90
50			3,42	3,39	3,35	3,31	3,29	3,27	3,24
55			3,87	3,82	3,77	3,72	3,70	3,67	3,64
60				4,32	4,26	4,20	4,18	4,14	4,11
65					4,84	4,76	4,73	4,69	4,65
	Current 230V, A								
	-20	-15	-10	-5	0	5	7	10	12,5
27	10,97	10,94	10,91	10,87	10,81	10,73	10,70	10,63	10,57
30	11,51	11,48	11,44	11,40	11,34	11,26	11,22	11,15	11,09
35	12,53	12,48	12,43	12,38	12,31	12,22	12,18	12,11	12,04
40	13,75	13,67	13,60	13,52	13,43	13,32	13,28	13,19	13,12
45		15,08	14,98	14,87	14,75	14,62	14,56	14,47	14,38
50			16,62	16,47	16,32	16,15	16,08	15,96	15,86
55			18,56	18,37	18,17	17,96	17,87	17,73	17,61
60				20,61	20,36	20,10	19,99	19,82	19,67
65					22,92	22,60	22,47	22,26	22,09
	Mass Flow g/s								
	-20	-15	-10	-5	0	5	7	10	12,5
27	29,10	35,90	43,70	52,50	62,50	73,60	78,50	86,00	93,00
30	28,90	35,60	43,40	52,30	62,20	73,40	78,00	86,00	92,50
35	28,30	35,10	42,90	51,80	61,80	72,90	77,50	85,50	92,00
40	27,50	34,40	42,30	51,20	61,20	72,40	77,00	84,50	91,50
45		33,50	41,50	50,40	60,50	71,70	76,50	84,00	91,00
50			40,30	49,40	59,60	70,80	75,50	83,50	90,00
55			38,80	48,00	58,30	69,70	74,60	82,50	89,00
60				46,20	56,70	68,20	73,10	81,00	87,50
65					54,50	66,20	71,30	79,00	86,00

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

Displacement @ 50 Hz, cu.m/h	11.4
Length/Width, mm	242/242
Height, mm	417
Net Weight, kg	30.8
Gross Weight, kg	32.7
Stub Suction, inch	7/8
Stub Discharge, inch	1/2
Oil Quantity, l	1.36
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	3.3
High Side PS, bar(g)	29.5
Low Side PS, bar(g)	20
Low Side TS Max., °C	50

COMPRESSOR ELECTRICAL DATA (220/240V - 1~ - 50Hz)

Maximum Operating Current, A	23.5
Locked Rotor Current, A	114
Winding Resistance, ohm	0.6/1.7 (R/S)
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
Single Phase Equipment	Run Capacitor

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
220-240 V/1~/50H	230	PFJ		PSC	1,00
265 V/1~/60Hz	265	PFJ		PSC	0,75