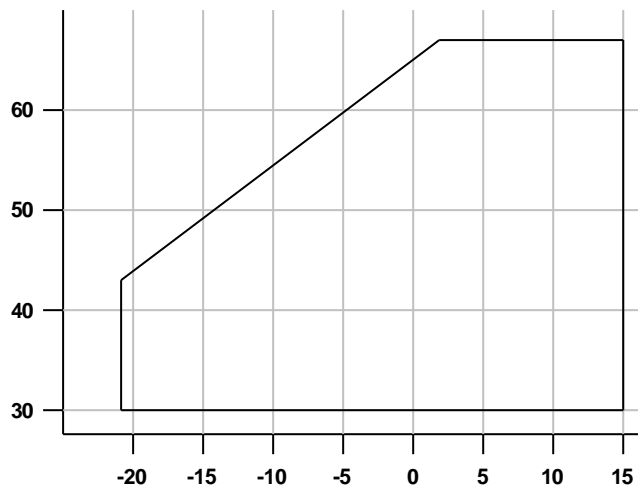


50Hz

ZR34K3E-PFJ

R407C Dew Point



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	15
30	2,97	3,83	4,83	6,01	7,38	8,97	9,68	10,80	11,85	12,95
35	2,76	3,59	4,56	5,68	7,00	8,53	9,21	10,30	11,30	12,35
40	2,55	3,34	4,26	5,34	6,60	8,07	8,72	9,76	10,70	11,70
45		3,08	3,96	4,98	6,18	7,57	8,19	9,19	10,10	11,05
50			3,63	4,60	5,72	7,04	7,63	8,57	9,43	10,35
55				4,19	5,25	6,48	7,03	7,93	8,73	9,60
60					4,74	5,89	6,41	7,24	8,00	8,82
65					4,21	5,27	5,75	6,52	7,23	7,99
67						5,02	5,48	6,23	6,91	7,65
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	1,53	1,51	1,50	1,49	1,47	1,44	1,42	1,39	1,36	1,32
35	1,71	1,70	1,70	1,69	1,67	1,64	1,63	1,60	1,57	1,53
40	1,92	1,91	1,91	1,90	1,88	1,85	1,84	1,81	1,78	1,74
45		2,16	2,15	2,14	2,12	2,09	2,08	2,04	2,01	1,97
50			2,44	2,42	2,40	2,37	2,35	2,31	2,28	2,24
55				2,76	2,73	2,69	2,67	2,63	2,59	2,54
60					3,12	3,07	3,05	3,00	2,96	2,90
65					3,60	3,53	3,50	3,45	3,40	3,34
67						3,74	3,71	3,65	3,60	3,53
	Current 230V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	7,42	7,36	7,31	7,26	7,17	7,04	6,97	6,83	6,69	6,53
35	8,20	8,16	8,13	8,10	8,02	7,89	7,82	7,69	7,55	7,38
40	9,08	9,06	9,04	9,00	8,93	8,80	8,73	8,59	8,45	8,28
45		10,10	10,08	10,04	9,97	9,83	9,75	9,60	9,45	9,27
50			11,32	11,27	11,18	11,02	10,94	10,78	10,61	10,42
55				12,76	12,64	12,45	12,36	12,18	12,00	11,79
60					14,40	14,18	14,07	13,87	13,67	13,43
65					16,53	16,26	16,13	15,90	15,67	15,42
67						17,21	17,07	16,82	16,59	16,32
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	17,40	22,00	27,30	33,50	40,50	48,60	52,10	57,70	62,80	68,10
35	17,00	21,60	27,00	33,10	40,20	48,30	51,80	57,50	62,50	67,90
40	16,50	21,20	26,50	32,70	39,80	47,80	51,40	57,00	62,10	67,50
45		20,60	26,00	32,10	39,20	47,20	50,70	56,40	61,50	66,90
50			25,30	31,40	38,40	46,40	49,90	55,60	60,60	66,00
55				30,50	37,40	45,40	48,90	54,60	59,60	65,00
60					36,30	44,20	47,70	53,30	58,30	63,70
65					34,80	42,70	46,10	51,70	56,70	62,10
67						42,00	45,40	51,00	56,00	61,40

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 (220/240V - 1~ - 50Hz)

Maximum Operating Current, A	17.3
Locked Rotor Current, A	76
Winding Resistance, ohm	0.94/2.07 (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