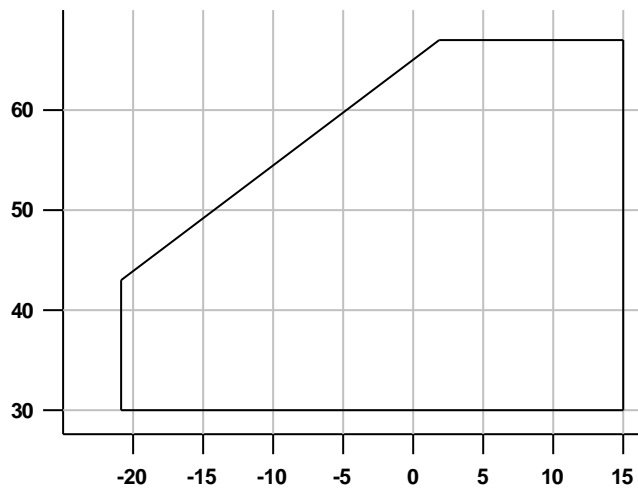


50Hz

ZR48K3E-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	4,46	5,62	7,01	8,65	10,55	12,75	13,70	15,25	16,65	18,10
35	4,18	5,30	6,64	8,23	10,05	12,20	13,10	14,60	15,90	17,35
40	3,87	4,95	6,24	7,76	9,53	11,55	12,45	13,90	15,15	16,50
45		4,56	5,80	7,26	8,95	10,90	11,75	13,10	14,35	15,65
50			5,33	6,72	8,33	10,20	11,00	12,30	13,50	14,70
55				6,13	7,67	9,43	10,20	11,45	12,55	13,75
60					6,96	8,63	9,37	10,55	11,60	12,70
65					6,20	7,78	8,47	9,59	10,60	11,65
67						7,43	8,10	9,19	10,15	11,20
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	2,18	2,17	2,15	2,14	2,12	2,10	2,09	2,07	2,06	2,04
35	2,44	2,43	2,41	2,40	2,38	2,35	2,34	2,32	2,30	2,28
40	2,74	2,72	2,71	2,69	2,67	2,64	2,62	2,60	2,58	2,55
45		3,06	3,04	3,02	3,00	2,96	2,95	2,92	2,90	2,87
50			3,42	3,40	3,38	3,34	3,33	3,30	3,27	3,24
55				3,85	3,82	3,78	3,77	3,74	3,71	3,67
60					4,34	4,30	4,28	4,25	4,22	4,18
65					4,94	4,90	4,88	4,84	4,81	4,78
67						5,16	5,14	5,11	5,08	5,04
	Current 230V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	11,35	11,29	11,24	11,18	11,11	11,02	10,97	10,89	10,82	10,73
35	12,49	12,43	12,37	12,30	12,22	12,11	12,06	11,96	11,88	11,77
40	13,75	13,69	13,62	13,55	13,45	13,33	13,27	13,16	13,06	12,95
45		15,11	15,04	14,96	14,86	14,72	14,65	14,54	14,43	14,31
50			16,68	16,60	16,49	16,34	16,26	16,14	16,02	15,89
55				18,50	18,38	18,22	18,14	18,01	17,89	17,75
60					20,59	20,42	20,34	20,20	20,07	19,92
65					23,16	22,99	22,90	22,76	22,62	22,47
67						24,12	24,04	23,89	23,75	23,60
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	26,10	32,30	39,70	48,20	58,00	69,00	73,80	81,50	88,00	95,50
35	25,60	31,90	39,40	48,00	57,80	68,90	73,70	81,50	88,00	95,50
40	25,00	31,40	38,90	47,50	57,40	68,60	73,40	81,00	88,00	95,00
45		30,50	38,10	46,80	56,80	68,00	72,90	80,50	87,50	94,50
50			37,10	45,90	55,90	67,20	72,10	80,00	86,50	94,00
55				44,60	54,70	66,10	71,00	79,00	85,50	93,00
60					53,20	64,70	69,60	77,50	84,50	92,00
65					51,30	62,90	68,00	76,00	83,00	90,50
67						62,10	67,20	75,50	82,50	90,00

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