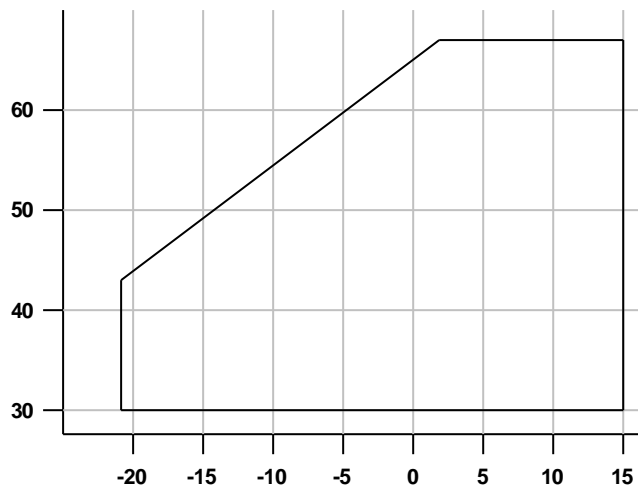


50Hz

ZR40K3E-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	3,50	4,50	5,68	7,07	8,68	10,55	11,40	12,70	13,90	15,20
35	3,25	4,22	5,36	6,69	8,24	10,05	10,85	12,10	13,30	14,50
40	3,00	3,93	5,01	6,28	7,76	9,49	10,25	11,50	12,60	13,80
45		3,62	4,65	5,86	7,26	8,90	9,63	10,80	11,85	13,00
50			4,27	5,40	6,73	8,28	8,97	10,10	11,10	12,15
55				4,93	6,17	7,62	8,27	9,32	10,25	11,30
60					5,58	6,93	7,54	8,52	9,41	10,35
65					4,96	6,20	6,76	7,67	8,50	9,40
67						5,90	6,44	7,32	8,13	9,00
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	1,80	1,78	1,77	1,75	1,73	1,69	1,67	1,64	1,60	1,55
35	2,02	2,01	2,00	1,99	1,97	1,93	1,91	1,88	1,84	1,80
40	2,26	2,25	2,25	2,24	2,22	2,18	2,17	2,13	2,09	2,05
45		2,54	2,53	2,52	2,50	2,46	2,44	2,41	2,37	2,32
50			2,87	2,85	2,82	2,78	2,76	2,72	2,68	2,63
55				3,25	3,21	3,16	3,14	3,09	3,04	2,99
60					3,68	3,61	3,58	3,53	3,48	3,42
65					4,23	4,15	4,12	4,05	3,99	3,93
67						4,40	4,36	4,29	4,23	4,16
	Current 230V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	8,74	8,67	8,61	8,55	8,45	8,29	8,21	8,05	7,89	7,70
35	9,67	9,62	9,59	9,54	9,45	9,30	9,22	9,06	8,90	8,71
40	10,71	10,68	10,65	10,61	10,53	10,37	10,29	10,13	9,96	9,76
45		11,91	11,88	11,84	11,75	11,58	11,49	11,32	11,14	10,93
50			13,35	13,29	13,18	12,99	12,89	12,70	12,51	12,28
55				15,04	14,90	14,68	14,57	14,35	14,14	13,89
60					16,98	16,72	16,58	16,34	16,10	15,83
65					19,49	19,17	19,01	18,74	18,47	18,16
67						20,28	20,12	19,83	19,54	19,22
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	20,50	25,90	32,20	39,40	47,60	57,10	61,30	67,90	73,80	80,00
35	19,90	25,50	31,70	39,00	47,30	56,80	60,90	67,60	73,50	80,00
40	19,40	24,90	31,20	38,50	46,70	56,20	60,40	67,10	73,00	79,50
45		24,30	30,60	37,80	46,00	55,50	59,70	66,30	72,30	78,50
50			29,80	36,90	45,20	54,60	58,70	65,40	71,30	77,50
55				35,90	44,00	53,40	57,50	64,20	70,10	76,50
60					42,60	51,90	56,00	62,60	68,60	74,90
65					40,90	50,20	54,20	60,80	66,70	73,10
67						49,40	53,40	60,00	65,90	72,20

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	9.43
Length/Width, mm	242/242
Height, mm	400
Net Weight, kg	27
Gross Weight, kg	31
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	3.1
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	23.1
Locked Rotor Current, A	100
Winding Resistance, ohm	0.75/1.81 (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