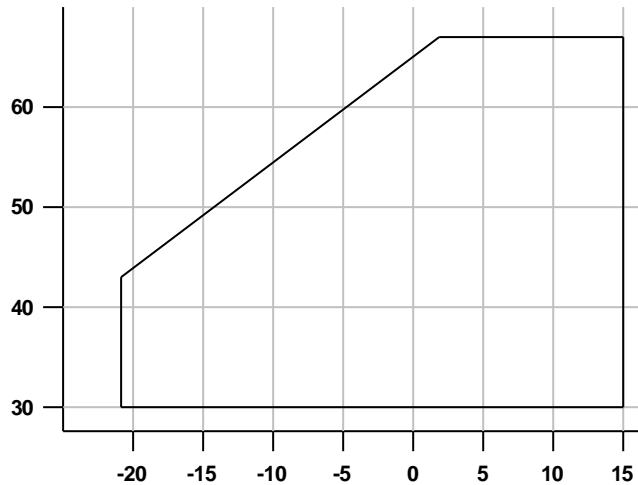


50Hz

ZR40K3E-TFD

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	3,31	4,27	5,44	6,82	8,42	10,25	11,05	12,30	13,45	14,60
35	3,11	4,04	5,17	6,51	8,06	9,84	10,60	11,85	12,95	14,10
40	2,89	3,77	4,85	6,14	7,64	9,36	10,10	11,30	12,35	13,50
45		3,48	4,50	5,73	7,16	8,81	9,54	10,70	11,70	12,80
50			4,14	5,29	6,65	8,22	8,90	10,00	11,00	12,00
55				4,83	6,10	7,58	8,23	9,27	10,20	11,20
60					5,54	6,91	7,52	8,50	9,37	10,30
65					4,97	6,23	6,80	7,70	8,52	9,39
67						5,96	6,50	7,38	8,17	9,01
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	1,68	1,67	1,67	1,66	1,65	1,63	1,62	1,60	1,58	1,56
35	1,90	1,90	1,89	1,89	1,88	1,86	1,85	1,82	1,80	1,77
40	2,15	2,15	2,15	2,15	2,14	2,11	2,10	2,07	2,04	2,01
45		2,43	2,44	2,44	2,42	2,39	2,38	2,35	2,31	2,28
50			2,76	2,76	2,75	2,71	2,69	2,66	2,62	2,58
55				3,12	3,11	3,07	3,05	3,01	2,97	2,93
60					3,52	3,48	3,46	3,41	3,37	3,32
65					3,98	3,94	3,91	3,86	3,82	3,76
67						4,13	4,11	4,06	4,01	3,95
	Current 400V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	3,84	3,82	3,81	3,81	3,80	3,78	3,77	3,74	3,71	3,67
35	4,05	4,04	4,04	4,04	4,04	4,01	4,00	3,96	3,93	3,88
40	4,32	4,32	4,33	4,33	4,32	4,29	4,27	4,24	4,20	4,15
45		4,66	4,67	4,67	4,66	4,63	4,61	4,56	4,52	4,46
50			5,08	5,08	5,07	5,03	5,00	4,95	4,90	4,84
55				5,56	5,54	5,50	5,47	5,41	5,35	5,28
60					6,09	6,04	6,01	5,94	5,88	5,80
65					6,73	6,67	6,63	6,56	6,49	6,40
67						6,94	6,90	6,83	6,75	6,66
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	19,40	24,60	30,80	38,00	46,20	55,50	59,50	65,80	71,30	77,00
35	19,10	24,30	30,60	37,90	46,30	55,70	59,70	66,10	71,70	77,50
40	18,60	23,90	30,20	37,60	46,00	55,50	59,60	66,00	71,70	77,50
45		23,30	29,60	37,00	45,40	55,00	59,10	65,60	71,40	77,50
50			28,80	36,10	44,60	54,20	58,30	64,90	70,60	76,50
55				35,20	43,50	53,10	57,20	63,80	69,60	75,50
60					42,30	51,80	55,90	62,50	68,30	74,50
65					41,10	50,40	54,50	61,10	66,90	73,00
67						49,80	53,90	60,40	66,20	72,40

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 (380/420V - 3~ - 50Hz)

Maximum Operating Current, A	7
Locked Rotor Current, A	46
Winding Resistance, ohm	4.03
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
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MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	TFD		Y	1,00
200-220 V/3~/50H	200	TF5		Y	2,09
200-230 V/3~/60H	230	TF5		Y	2,09
460 V/3~/60Hz	460	TFD		Y	1,04