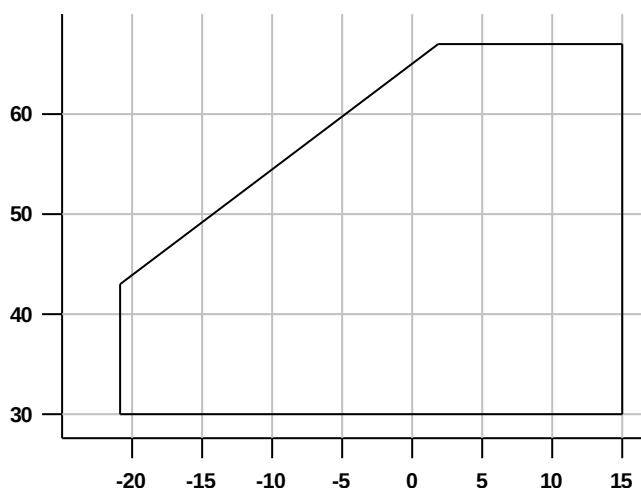


50Hz

ZR48K3E-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	4,35	5,52	6,91	8,55	10,45	12,70	13,65	15,25	16,65	18,20
35	4,05	5,18	6,52	8,10	9,94	12,10	13,05	14,55	15,90	17,40
40	3,75	4,83	6,12	7,63	9,40	11,45	12,35	13,80	15,15	16,55
45		4,48	5,71	7,15	8,83	10,80	11,65	13,05	14,30	15,65
50			5,28	6,65	8,25	10,10	10,95	12,30	13,50	14,75
55				6,14	7,65	9,42	10,20	11,45	12,60	13,85
60					7,03	8,70	9,44	10,65	11,70	12,90
65					6,39	7,95	8,65	9,77	10,80	11,90
67						7,65	8,32	9,42	10,40	11,50
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	2,14	2,13	2,11	2,09	2,05	1,99	1,97	1,92	1,87	1,82
35	2,38	2,37	2,36	2,34	2,31	2,27	2,25	2,21	2,17	2,13
40	2,66	2,64	2,63	2,61	2,59	2,56	2,55	2,52	2,49	2,45
45		2,95	2,94	2,93	2,91	2,89	2,88	2,85	2,83	2,80
50			3,30	3,29	3,27	3,25	3,25	3,23	3,21	3,19
55				3,71	3,69	3,68	3,67	3,65	3,64	3,62
60					4,18	4,16	4,16	4,14	4,13	4,12
65					4,75	4,73	4,72	4,71	4,70	4,69
67						4,98	4,97	4,96	4,95	4,94
	Current 400V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	4,86	4,87	4,86	4,83	4,77	4,68	4,64	4,57	4,50	4,42
35	5,18	5,19	5,19	5,16	5,11	5,03	4,99	4,93	4,86	4,79
40	5,51	5,53	5,53	5,51	5,46	5,40	5,36	5,30	5,24	5,17
45		5,89	5,90	5,88	5,85	5,79	5,75	5,70	5,64	5,58
50			6,31	6,30	6,27	6,22	6,19	6,14	6,09	6,04
55				6,79	6,76	6,72	6,69	6,65	6,60	6,55
60					7,34	7,30	7,27	7,23	7,19	7,15
65					8,00	7,97	7,95	7,92	7,88	7,84
67						8,27	8,25	8,22	8,18	8,14
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	25,40	31,70	39,10	47,60	57,50	68,70	73,60	81,50	88,50	96,00
35	24,80	31,20	38,60	47,20	57,10	68,30	73,30	81,00	88,00	95,50
40	24,20	30,60	38,10	46,70	56,60	67,90	72,80	80,50	88,00	95,50
45		30,00	37,50	46,10	56,00	67,30	72,30	80,00	87,50	95,00
50			36,80	45,40	55,40	66,70	71,70	79,50	86,50	94,50
55				44,60	54,60	66,00	71,00	79,00	86,00	93,50
60					53,70	65,20	70,20	78,00	85,50	93,00
65					52,80	64,30	69,30	77,50	84,50	92,50
67						63,90	69,00	77,00	84,50	92,00

50Hz

ZR48K3E-TFD

R407C Dew Point

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

Maximum Operating Current, A	10
Locked Rotor Current, A	50
Winding Resistance, ohm	3.88
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