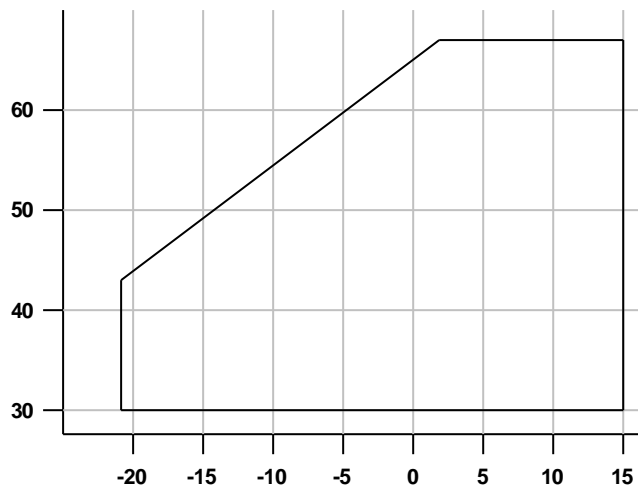


50Hz

ZR72KCE-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	6,39	8,22	10,35	12,80	15,65	18,90	20,30	22,60	24,70	26,90
35	5,85	7,62	9,66	12,00	14,75	17,85	19,25	21,50	23,40	25,50
40	5,30	7,02	8,98	11,25	13,85	16,85	18,15	20,30	22,20	24,20
45		6,40	8,29	10,45	12,95	15,80	17,05	19,10	20,90	22,80
50			7,59	9,66	12,05	14,75	15,95	17,90	19,60	21,50
55				8,86	11,10	13,70	14,85	16,70	18,35	20,10
60					10,20	12,65	13,75	15,50	17,05	18,70
65					9,28	11,60	12,65	14,30	15,75	17,35
67						11,20	12,20	13,80	15,25	16,80
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	2,82	2,86	2,89	2,90	2,92	2,95	2,97	3,01	3,05	3,10
35	3,17	3,22	3,25	3,27	3,28	3,30	3,31	3,33	3,36	3,39
40	3,55	3,62	3,66	3,67	3,68	3,69	3,70	3,71	3,73	3,75
45		4,05	4,10	4,13	4,14	4,15	4,15	4,15	4,16	4,17
50			4,59	4,63	4,65	4,66	4,66	4,66	4,66	4,67
55				5,18	5,21	5,23	5,23	5,23	5,23	5,23
60					5,84	5,86	5,87	5,87	5,87	5,87
65					6,52	6,56	6,57	6,58	6,58	6,58
67						6,86	6,87	6,89	6,89	6,89
	Current 400V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	5,78	5,83	5,86	5,88	5,91	5,95	5,98	6,02	6,07	6,14
35	6,24	6,31	6,35	6,37	6,39	6,41	6,43	6,46	6,49	6,54
40	6,75	6,85	6,90	6,93	6,94	6,95	6,96	6,98	7,00	7,03
45		7,45	7,52	7,56	7,58	7,59	7,59	7,60	7,61	7,63
50			8,23	8,29	8,32	8,33	8,33	8,33	8,34	8,34
55				9,12	9,16	9,18	9,19	9,19	9,19	9,19
60					10,13	10,17	10,17	10,18	10,18	10,18
65					11,24	11,29	11,31	11,32	11,33	11,33
67						11,79	11,80	11,82	11,83	11,83
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	37,40	47,30	58,50	71,30	86,00	102,00	109,50	121,00	131,00	142,00
35	35,90	45,90	57,20	70,10	84,50	101,00	108,00	119,50	129,50	140,50
40	34,20	44,50	55,90	68,80	83,50	100,00	107,00	118,50	128,50	139,00
45		42,80	54,40	67,40	82,00	98,50	105,50	117,00	127,50	138,00
50			52,90	66,00	80,50	97,50	104,50	116,00	126,00	137,00
55				64,50	79,50	96,00	103,50	115,00	125,00	136,00
60					78,00	95,00	102,00	114,00	124,00	135,00
65					76,50	94,00	101,50	113,00	123,50	135,00
67						93,50	101,00	113,00	123,50	135,00

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	17.1
Length/Width, mm	242/242
Height, mm	438
Net Weight, kg	38.6
Gross Weight, kg	44
Rotalock Suction, inch	1 1/4
Rotalock Discharge, inch	1
Stub Suction, inch	7/8
Stub Discharge, inch	1/2
Oil Quantity, l	1.77
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (HT), dBA	61
Sound Power (HT), dBA	72
PED Category	1
Internal Free Volume, l	4.1
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	13
Locked Rotor Current, A	74
Winding Resistance, ohm	2.27
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