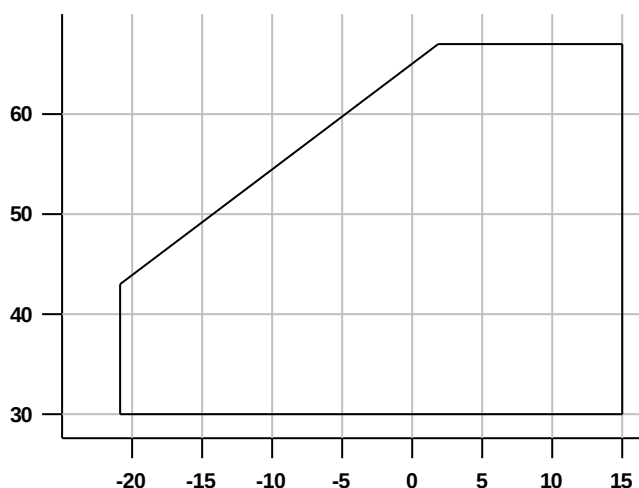


50Hz

ZR28K3E-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	2,48	3,20	4,04	5,03	6,18	7,51	8,10	9,06	9,91	10,85
35	2,31	3,00	3,81	4,76	5,86	7,14	7,71	8,63	9,45	10,35
40	2,13	2,79	3,57	4,47	5,52	6,75	7,30	8,17	8,96	9,81
45		2,57	3,31	4,17	5,17	6,34	6,85	7,69	8,44	9,25
50			3,04	3,84	4,79	5,89	6,38	7,18	7,89	8,66
55				3,51	4,39	5,43	5,89	6,64	7,31	8,04
60					3,97	4,93	5,36	6,06	6,70	7,38
65					3,52	4,41	4,81	5,46	6,05	6,69
67						4,20	4,58	5,21	5,79	6,40
	Power Input kW									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	1,29	1,28	1,27	1,26	1,25	1,22	1,21	1,18	1,15	1,12
35	1,45	1,44	1,44	1,43	1,41	1,39	1,38	1,35	1,33	1,29
40	1,63	1,62	1,61	1,61	1,59	1,57	1,56	1,53	1,50	1,47
45		1,82	1,82	1,81	1,79	1,77	1,75	1,73	1,70	1,67
50			2,06	2,05	2,03	2,00	1,98	1,95	1,92	1,89
55				2,33	2,31	2,27	2,25	2,22	2,18	2,15
60					2,64	2,59	2,57	2,53	2,49	2,45
65					3,03	2,98	2,95	2,91	2,87	2,82
67						3,15	3,13	3,08	3,03	2,98
	Current 230V, A									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	6,28	6,23	6,20	6,15	6,08	5,97	5,91	5,79	5,68	5,54
35	6,95	6,91	6,89	6,86	6,80	6,69	6,63	6,52	6,40	6,26
40	7,69	7,67	7,65	7,62	7,56	7,45	7,39	7,28	7,15	7,01
45		8,54	8,53	8,50	8,43	8,31	8,25	8,12	7,99	7,84
50			9,57	9,53	9,45	9,32	9,24	9,11	8,97	8,81
55				10,78	10,68	10,52	10,44	10,29	10,13	9,95
60					12,17	11,98	11,88	11,71	11,54	11,34
65					13,96	13,73	13,62	13,42	13,23	13,01
67						14,53	14,41	14,20	14,00	13,77
	Mass Flow g/s									
	-20	-15	-10	-5	0	5	7	10	12,5	15
30	14,50	18,40	22,90	28,00	33,90	40,70	43,60	48,30	52,60	57,10
35	14,20	18,10	22,60	27,70	33,60	40,40	43,40	48,10	52,30	56,80
40	13,70	17,70	22,20	27,40	33,30	40,00	43,00	47,70	52,00	56,50
45		17,20	21,70	26,90	32,80	39,50	42,50	47,20	51,50	56,00
50			21,10	26,30	32,10	38,90	41,80	46,50	50,80	55,30
55				25,50	31,30	38,00	41,00	45,70	49,90	54,40
60					30,30	37,00	39,90	44,60	48,80	53,30
65					29,10	35,70	38,60	43,30	47,50	52,00
67						35,10	38,00	42,70	46,90	51,40

50Hz

ZR28K3E-PFJ

R407C Dew Point

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	6.83
Length/Width, mm	242/242
Height, mm	363
Net Weight, kg	25
Gross Weight, kg	29
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	1
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (HT), dBA	54
Sound Power (HT), dBA	65
PED Category	1
Internal Free Volume, l	2.9
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	14.8
Locked Rotor Current, A	61
Winding Resistance, ohm	1.2/2.23 (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