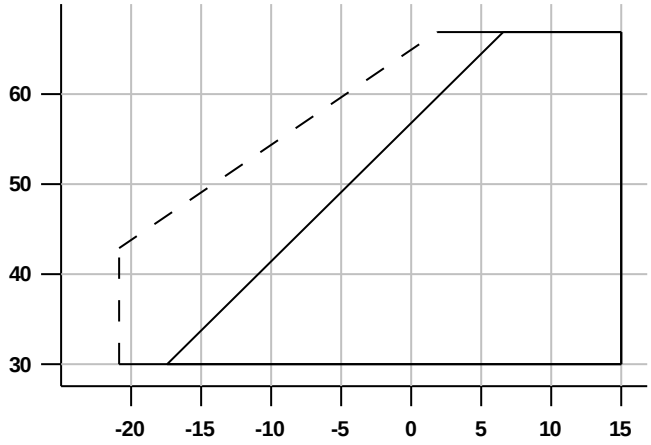
50Hz ZR22K3E-TFD R407C Dew Point



Minimum evaporating temp. with:

25°C Suction Gas Return

10K Suction Superheat

Suction Superheat 10,0K

Evaporating Temperature °C

Liquid subcooling 0,0K

Cond °C	-20	-15	-10	-5	0	5	7	10	12,5	15
	Capacity kW									
30	1,88	2,39	3,02	3,77	4,65	5,66	6,11	6,81	7,43	8,08
35	1,74	2,24	2,85	3,58	4,45	5,43	5,86	6,55	7,15	7,79
40	1,60	2,08	2,67	3,38	4,21	5,16	5,58	6,25	6,83	7,45
45		1,91	2,47	3,15	3,95	4,87	5,27	5,91	6,47	7,07
50			2,28	2,91	3,67	4,54	4,92	5,53	6,07	6,65
55				2,67	3,37	4,19	4,55	5,13	5,64	6,18
60					3,06	3,82	4,16	4,70	5,18	5,69
65					2,74	3,44	3,75	4,24	4,69	5,16
67						3,28	3,58	4,06	4,49	4,94
	Power Input kW									
30	0,95	0,94	0,94	0,94	0,93	0,92	0,92	0,91	0,90	0,88
35	1,07	1,07	1,07	1,06	1,06	1,05	1,04	1,03	1,01	1,00
40	1,21	1,21	1,21	1,21	1,20	1,19	1,18	1,16	1,15	1,13
45		1,37	1,37	1,37	1,36	1,35	1,34	1,32	1,30	1,28
50			1,55	1,55	1,54	1,53	1,52	1,50	1,48	1,45
55				1,76	1,75	1,73	1,72	1,70	1,67	1,65
60					1,98	1,96	1,95	1,92	1,90	1,87
65					2,24	2,22	2,20	2,18	2,15	2,12
67						2,33	2,31	2,29	2,26	2,23
	Current 400V, A									
30	2,13	2,12	2,12	2,11	2,11	2,10	2,09	2,08	2,06	2,04
35	2,27	2,26	2,26	2,26	2,25	2,24	2,23	2,21	2,19	2,16
40	2,43	2,43	2,43	2,43	2,42	2,41	2,40	2,37	2,35	2,32
45		2,62	2,63	2,63	2,63	2,61	2,60	2,57	2,54	2,51
50			2,87	2,88	2,87	2,85	2,83	2,80	2,77	2,73
55				3,16	3,15	3,12	3,11	3,07	3,04	2,99
60					3,47	3,44	3,43	3,39	3,35	3,30
65					3,85	3,82	3,79	3,75	3,71	3,66
67						3,98	3,96	3,91	3,87	3,82
	Mass Flow g/s									
30	11,60	14,40	17,90	22,00	26,80	32,10	34,40	38,00	41,20	44,60
35	11,30	14,20	17,70	22,00	26,80	32,20	34,60	38,30	41,50	44,90
40	10,90	13,90	17,50	21,80	26,70	32,20	34,50	38,30	41,60	45,00
45		13,50	17,20	21,40	26,40	32,00	34,40	38,10	41,50	45,00
50			16,80	21,00	26,00	31,60	34,00	37,80	41,20	44,70
55				20,60	25,50	31,00	33,50	37,30	40,60	44,20
60					24,80	30,40	32,80	36,60	39,90	43,50
65					24,10	29,60	31,90	35,70	39,00	42,60
67						29,20	31,60	35,30	38,70	42,20

Copeland Scroll - Compressor - Air Conditioning - Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	5.34
Length/Width, mm	242/242
Height, mm	363
Net Weight, kg	22
Gross Weight, kg	26
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
Sound Power with Sound Shell (HT), dBA	58
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 (380/420V - 3~ - 50Hz)

Maximum Operating Current, A	4.2
Locked Rotor Current, A	24
Winding Resistance, ohm	8.64
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External

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
460 V/3~/60Hz	460	TFD		Y	1,04
200-230 V/3~/60H	230	TF5		Y	2,09