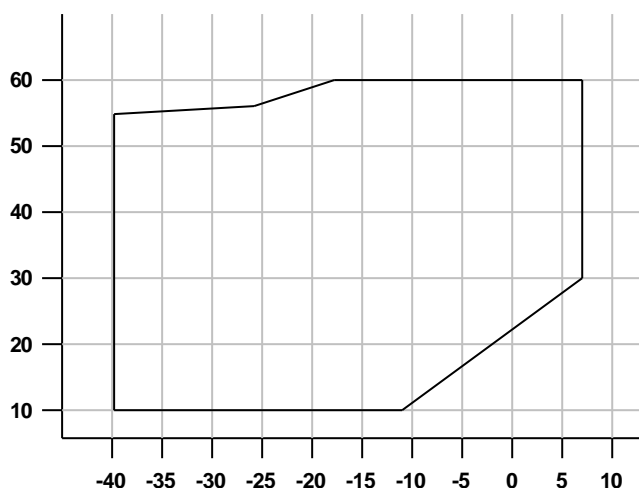


50Hz
ZF06K4E-TFD
R404A Dew Point


Minimum evaporating temp. with:

— 25°C Suction Gas Return + Liquid Injection

Suction Return Temperature 20,0°C

Evaporating Temperature °C

Liquid subcooling 0,0K

Cond °C	Capacity kW										
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
10	1,50	1,87	2,34	2,90	3,57	4,37					
20	1,37	1,72	2,14	2,65	3,25	3,97	4,80	5,78			
30	1,25	1,58	1,96	2,41	2,94	3,56	4,29	5,15	6,14	7,27	7,77
35	1,19	1,51	1,87	2,29	2,78	3,36	4,03	4,82	5,74	6,80	7,27
40	1,12	1,43	1,77	2,16	2,61	3,14	3,76	4,49	5,34	6,32	6,75
45	1,05	1,34	1,66	2,02	2,43	2,92	3,49	4,15	4,93	5,83	6,23
50	0,97	1,24	1,53	1,86	2,24	2,68	3,19	3,80	4,50	5,32	5,69
55	0,87	1,13	1,40	1,70	2,04	2,43	2,89	3,42	4,06	4,80	5,13
60						2,16	2,56	3,03	3,59	4,25	4,55
	Power Input kW										
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
10	0,76	0,81	0,86	0,92	0,99	1,06					
20	0,91	0,95	1,00	1,06	1,12	1,19	1,27	1,36			
30	1,08	1,13	1,18	1,23	1,29	1,36	1,44	1,53	1,63	1,74	1,79
35	1,20	1,24	1,29	1,34	1,40	1,47	1,54	1,63	1,73	1,85	1,90
40	1,34	1,38	1,42	1,47	1,53	1,60	1,67	1,76	1,86	1,97	2,02
45	1,51	1,55	1,59	1,64	1,69	1,75	1,83	1,91	2,01	2,12	2,17
50	1,71	1,74	1,78	1,83	1,88	1,94	2,02	2,10	2,19	2,30	2,35
55	1,94	1,97	2,01	2,06	2,11	2,17	2,24	2,32	2,41	2,51	2,56
60						2,43	2,50	2,57	2,66	2,77	2,81
	Current 400V, A										
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
10	2,17	2,20	2,24	2,29	2,35	2,42					
20	2,26	2,30	2,34	2,40	2,46	2,54	2,63	2,73			
30	2,42	2,45	2,50	2,56	2,63	2,71	2,81	2,91	3,04	3,17	3,23
35	2,53	2,57	2,62	2,67	2,75	2,83	2,93	3,04	3,16	3,30	3,36
40	2,68	2,72	2,76	2,82	2,90	2,98	3,08	3,19	3,32	3,46	3,52
45	2,87	2,91	2,95	3,01	3,09	3,17	3,27	3,38	3,51	3,66	3,72
50	3,10	3,14	3,19	3,25	3,32	3,41	3,51	3,62	3,75	3,89	3,96
55	3,39	3,43	3,48	3,53	3,61	3,69	3,79	3,91	4,04	4,18	4,24
60						4,03	4,13	4,25	4,38	4,52	4,59
	Mass Flow g/s										
	-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
10	8,40	10,50	13,10	16,30	20,20	24,90					
20	8,30	10,50	13,10	16,20	20,00	24,60	30,00	36,40			
30	8,40	10,60	13,20	16,30	20,00	24,40	29,70	35,90	43,30	52,10	56,00
35	8,40	10,70	13,30	16,30	20,00	24,30	29,50	35,60	43,00	51,60	55,60
40	8,40	10,70	13,30	16,40	20,00	24,20	29,30	35,30	42,60	51,20	55,10
45	8,40	10,80	13,40	16,40	19,90	24,10	29,00	35,00	42,10	50,70	54,60
50	8,30	10,70	13,40	16,30	19,80	23,90	28,70	34,60	41,60	50,20	54,00
55	8,10	10,60	13,30	16,20	19,60	23,60	28,40	34,10	41,10	49,60	53,50
60						23,30	28,00	33,70	40,70	49,20	53,20

50Hz
ZF06K4E-TFD
R404A Dew Point
Copeland Scroll - Compressor - Refrigeration - LT Liquid Injection
COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	5.92
Length/Width, mm	241/241
Height, mm	369
Net Weight, kg	25.4
Stub Suction, inch	3.4
Stub Discharge, inch	1.2
Oil Quantity, l	1.3
Base mounting (hole dia), mm	190 x 190 (0.0)
Sound Pressure @ 1m (LT), dBA	57
Sound Power (LT), dBA	68
PED Category	1
Internal Free Volume, l	4.1
High Side PS, bar(g)	32
Low Side PS, bar(g)	21
Low Side TS Max., °C	50

COMPRESSOR ELECTRICAL DATA (380/420V - 3~ - 50Hz)

Maximum Operating Current, A	5
Locked Rotor Current, A	26
Winding Resistance, ohm	7.1
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	External Thermostat
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
Current Sensing Relay	External
Liquid Injection	DTC Valve
Oil Control System	ALCO Trax-Oil OM3
Sound Attenuation	Sound Shell (10 dBA)
Rotalock valves	suction and discharge

MOTOR OPTIONS

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