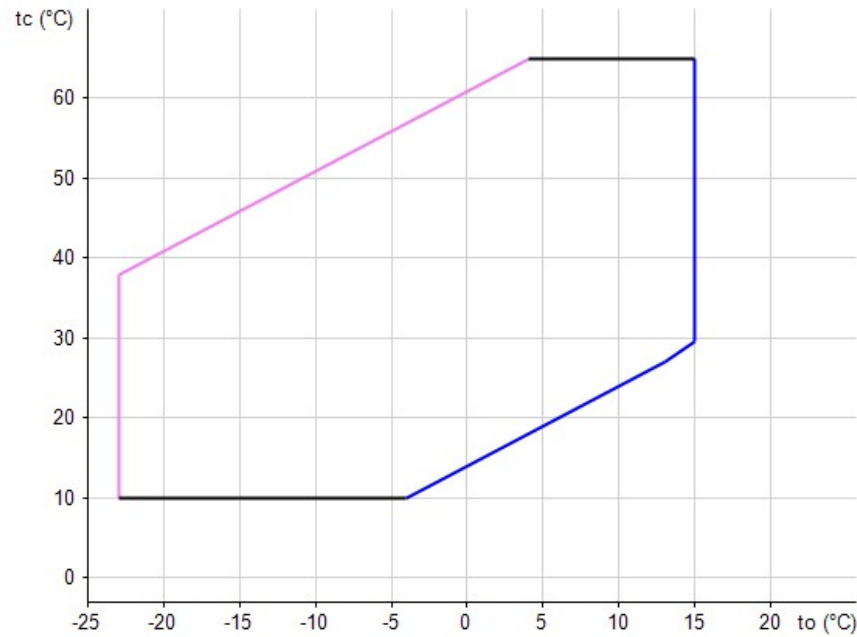


50 Hz

ZP36K5E-TFD

R410A Dew Point



Minimum Evaporating Temp. With:

10 K Suction Superheat

Maximum Evaporating Temperature

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
10.0	4.57	5.74	7.13	8.74						
15.0	4.39	5.53	6.88	8.44	10.20					
20.0	4.20	5.30	6.60	8.11	9.83	11.75				
25.0	3.99	5.05	6.30	7.76	9.41	11.30	12.10	13.35		
30.0	3.76	4.78	5.98	7.38	8.97	10.75	11.55	12.75	13.85	15.00
35.0	3.52	4.49	5.64	6.97	8.50	10.20	10.95	12.15	13.20	14.30
40.0	3.28	4.19	5.29	6.56	8.01	9.65	10.35	11.50	12.50	13.55
45.0		3.89	4.92	6.12	7.50	9.07	9.74	10.80	11.75	12.75
50.0			4.54	5.67	6.98	8.46	9.10	10.10	11.00	11.95
55.0				5.22	6.44	7.84	8.44	9.40	10.25	11.15
60.0					5.89	7.20	7.77	8.67	9.47	10.30
65.0						6.55	7.08	7.92	8.67	9.46

50 Hz

ZP36K5E-TFD

R410A Dew Point

Cond °C	Power, kW									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
10.0	0.90	0.88	0.85	0.81						
15.0	1.10	1.08	1.05	1.02	0.98					
20.0	1.30	1.28	1.25	1.22	1.18	1.15				
25.0	1.50	1.48	1.45	1.42	1.38	1.35	1.34	1.32		
30.0	1.70	1.69	1.66	1.64	1.60	1.56	1.54	1.52	1.50	1.48
35.0	1.94	1.92	1.90	1.86	1.82	1.78	1.77	1.74	1.72	1.70
40.0	2.19	2.18	2.15	2.12	2.08	2.04	2.02	1.99	1.96	1.94
45.0		2.47	2.44	2.41	2.36	2.32	2.30	2.27	2.24	2.22
50.0			2.77	2.73	2.69	2.64	2.62	2.58	2.55	2.53
55.0				3.11	3.06	3.00	2.98	2.94	2.91	2.88
60.0					3.48	3.42	3.40	3.36	3.32	3.29
65.0						3.91	3.88	3.83	3.80	3.76

Cond °C	Current at 400 V, A									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
10.0	2.71	2.67	2.63	2.58						
15.0	2.92	2.89	2.85	2.81	2.77					
20.0	3.14	3.11	3.07	3.03	2.99	2.95				
25.0	3.36	3.34	3.30	3.26	3.22	3.18	3.16	3.14		
30.0	3.60	3.58	3.55	3.51	3.47	3.42	3.40	3.38	3.36	3.34
35.0	3.86	3.85	3.82	3.78	3.73	3.68	3.66	3.63	3.61	3.59
40.0	4.16	4.15	4.12	4.08	4.03	3.98	3.96	3.93	3.90	3.87
45.0		4.49	4.46	4.42	4.37	4.32	4.29	4.26	4.23	4.20
50.0			4.86	4.82	4.76	4.70	4.68	4.64	4.60	4.57
55.0				5.27	5.21	5.15	5.12	5.07	5.04	5.00
60.0					5.74	5.66	5.63	5.58	5.54	5.50
65.0						6.26	6.22	6.17	6.12	6.07

50 Hz

ZP36K5E-TFD

R410A Dew Point

Cond °C	Suction Mass Flow, g/s									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
10.0	20.60	25.70	31.60	38.30						
15.0	20.60	25.60	31.50	38.30	45.90					
20.0	20.40	25.40	31.40	38.10	45.80	54.30				
25.0	20.10	25.20	31.10	37.90	45.50	54.10	57.80	63.50		
30.0	19.80	24.80	30.70	37.50	45.10	53.70	57.40	63.10	68.20	73.60
35.0	19.40	24.40	30.30	37.00	44.70	53.20	56.80	62.60	67.70	73.00
40.0	18.90	23.90	29.70	36.50	44.10	52.60	56.20	62.00	67.10	72.40
45.0		23.30	29.10	35.80	43.40	51.80	55.50	61.30	66.30	71.60
50.0			28.40	35.10	42.60	51.00	54.70	60.40	65.50	70.80
55.0				34.30	41.80	50.20	53.80	59.60	64.60	70.00
60.0					40.90	49.30	53.00	58.70	63.80	69.10
65.0						48.50	52.20	57.90	63.00	68.40

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m³/h	6.03
Length/Width, mm	243/243
Height, mm	506
Net Weight, kg	32.3
Stub Suction, inch	7/8
Stub Discharge, inch	1/2
Oil Quantity, l	1.24
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF
Base mounting (hole dia), mm	190 x 190 (19)
Sound Pressure @ 1m (HT), dBA	57
Sound Power (HT), dBA	68
Sound Conditions (HT, Temperatures: Evap./Cond./Suction at freq./speed)	7 / 54 / 18 °C at 50 Hz
PED Category	1
Max. Internal Free Volume, l	3.10
High Side PS gauge, bar	45
Low Side PS gauge, bar	29.5
Low Side TS Min., °C	-35
Refrigerant's GWP	2088
Refrigerant's classification	A1

50 Hz

ZP36K5E-TFD

R410A Dew Point

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

Maximum Operating Current, A	7
Locked Rotor Current, A	46
Winding Resistance, ohm	4.68
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Mounting Grommets	Rubber Grommet For Single
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ACCESSORIES OPTIONAL

Crankcase Heater	40 W External
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MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00
TFD	460 V / 3~ / 60 Hz	460		Y	1.04