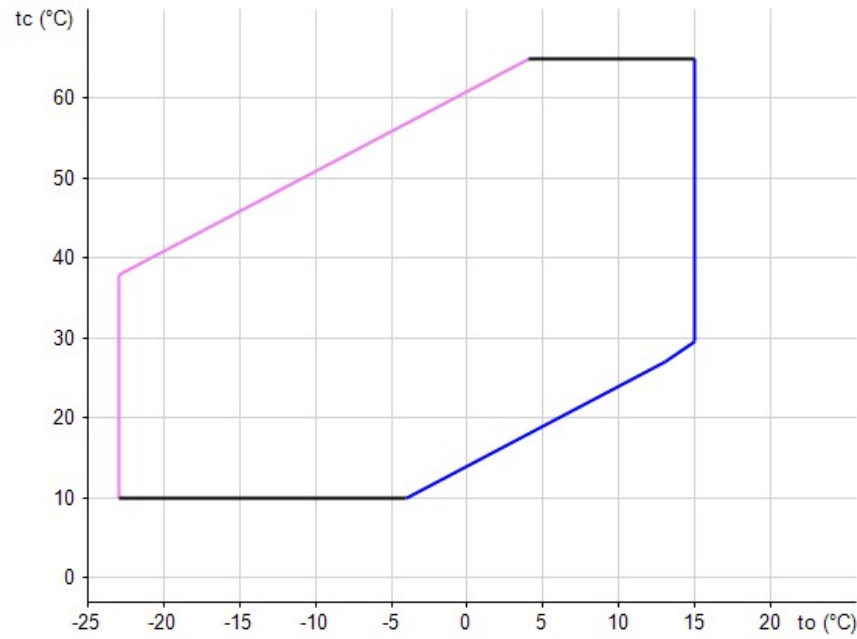


50 Hz

ZP36K5E-PFJ

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	4.05	5.36	6.91	8.70						
15.0	3.86	5.13	6.63	8.37	10.35					
20.0	3.64	4.87	6.32	8.00	9.92	12.05				
25.0	3.40	4.59	5.98	7.60	9.45	11.55	12.45	13.85		
30.0	3.15	4.28	5.62	7.18	8.95	10.95	11.80	13.20	14.40	15.65
35.0	2.89	3.97	5.24	6.73	8.43	10.35	11.20	12.50	13.65	14.85
40.0	2.61	3.63	4.85	6.26	7.89	9.72	10.50	11.75	12.90	14.05
45.0		3.29	4.44	5.78	7.32	9.06	9.82	11.00	12.05	13.20
50.0			4.02	5.28	6.74	8.39	9.10	10.25	11.25	12.30
55.0				4.77	6.14	7.69	8.37	9.44	10.40	11.40
60.0					5.53	6.98	7.62	8.62	9.51	10.45
65.0						6.26	6.85	7.79	8.62	9.50

50 Hz

ZP36K5E-PFJ

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	0.91	0.88	0.85	0.81						
15.0	1.12	1.10	1.06	1.03	1.00					
20.0	1.33	1.31	1.28	1.25	1.21	1.18				
25.0	1.54	1.52	1.50	1.46	1.42	1.39	1.38	1.35		
30.0	1.78	1.76	1.73	1.70	1.66	1.62	1.60	1.58	1.56	1.54
35.0	2.02	2.00	1.98	1.94	1.90	1.86	1.84	1.82	1.79	1.77
40.0	2.30	2.28	2.25	2.22	2.17	2.13	2.11	2.08	2.05	2.03
45.0		2.59	2.56	2.53	2.48	2.43	2.41	2.38	2.35	2.32
50.0			2.92	2.88	2.83	2.78	2.75	2.72	2.69	2.65
55.0				3.28	3.23	3.17	3.14	3.10	3.07	3.04
60.0					3.69	3.62	3.59	3.55	3.51	3.47
65.0						4.14	4.11	4.06	4.02	3.98

Cond °C	Current at 230 V, A									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
10.0	5.15	5.01	4.85	4.69						
15.0	5.97	5.85	5.70	5.55	5.38					
20.0	6.78	6.68	6.54	6.39	6.23	6.08				
25.0	7.62	7.53	7.41	7.26	7.10	6.93	6.87	6.78		
30.0	8.52	8.44	8.33	8.18	8.01	7.84	7.77	7.68	7.60	7.53
35.0	9.51	9.45	9.34	9.19	9.02	8.84	8.76	8.65	8.57	8.48
40.0	10.64	10.58	10.47	10.32	10.14	9.95	9.87	9.75	9.65	9.55
45.0		11.88	11.77	11.62	11.43	11.21	11.13	10.99	10.88	10.77
50.0			13.27	13.10	12.90	12.67	12.57	12.42	12.30	12.17
55.0				14.82	14.60	14.35	14.24	14.08	13.93	13.79
60.0					16.56	16.29	16.17	15.99	15.83	15.67
65.0						18.52	18.39	18.19	18.01	17.84

50 Hz

ZP36K5E-PFJ

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	18.30	23.90	30.60	38.10						
15.0	18.05	23.70	30.40	37.90	46.50					
20.0	17.65	23.40	30.00	37.60	46.20	55.80				
25.0	17.20	22.90	29.50	37.10	45.70	55.30	59.40	65.90		
30.0	16.60	22.30	28.90	36.50	45.10	54.60	58.70	65.20	70.90	76.90
35.0	15.90	21.50	28.20	35.70	44.30	53.80	58.00	64.40	70.10	76.10
40.0	15.05	20.70	27.30	34.80	43.40	52.90	57.00	63.50	69.10	75.10
45.0		19.75	26.30	33.80	42.30	51.80	55.90	62.40	68.00	74.00
50.0			25.20	32.60	41.10	50.60	54.70	61.10	66.80	72.80
55.0				31.30	39.80	49.30	53.30	59.80	65.50	71.40
60.0					38.40	47.80	51.90	58.40	64.10	70.00
65.0						46.40	50.50	57.00	62.70	68.70

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-PFJ

R410A Dew Point

COMPRESSOR ELECTRICAL DATA (220-240 V / 1~ / 50 Hz)

Maximum Operating Current, A	20
Locked Rotor Current, A	87
Winding Resistance, ohm	0.72/1.17 (R/S)
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
PFJ	220-240 V / 1~ / 50 Hz	230		PSC	1.00
PFJ	265 V / 1~ / 60 Hz	265		PSC	0.75