



Minimum Evaporating Temp. With:

- 10 K Suction Superheat
- Maximum Evaporating Temperature

Suction Superheat 10.0K

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW												
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
20.0	2.20	2.82	3.57	4.48	5.56	6.83							
25.0	2.07	2.67	3.40	4.27	5.31	6.54	7.97						
30.0	1.94	2.52	3.22	4.06	5.06	6.24	7.62	8.23	9.22				
35.0	1.81	2.37	3.04	3.84	4.80	5.93	7.25	7.84	8.79	9.65	10.55		
40.0	1.68	2.22	2.86	3.62	4.54	5.62	6.89	7.45	8.36	9.19	10.05	12.00	
45.0	1.55	2.06	2.67	3.40	4.27	5.30	6.51	7.05	7.93	8.71	9.56	11.45	13.55
50.0	1.42	1.91	2.49	3.18	4.00	4.98	6.13	6.65	7.48	8.23	9.04	10.85	12.90
55.0	1.30	1.76	2.30	2.95	3.73	4.65	5.75	6.23	7.03	7.74	8.51	10.25	12.20
60.0		1.60	2.11	2.72	3.45	4.32	5.35	5.81	6.56	7.24	7.98	9.61	11.50
65.0			1.92	2.49	3.17	3.98	4.95	5.39	6.09	6.74	7.43	8.98	10.75
70.0				2.25	2.88	3.64	4.54	4.95	5.61	6.22	6.87	8.34	
75.0				2.01	2.58	3.28	4.12	4.50	5.12	5.69	6.30		

50 Hz

ZH26K4E-PFJ

R134a

Cond °C	Power, kW												
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
20.0	1.12	1.14	1.18	1.20	1.22	1.24							
25.0	1.18	1.22	1.26	1.28	1.32	1.34	1.36						
30.0	1.26	1.30	1.34	1.38	1.41	1.44	1.46	1.48	1.48				
35.0	1.34	1.39	1.44	1.48	1.52	1.56	1.58	1.60	1.62	1.62	1.64		
40.0	1.44	1.48	1.54	1.58	1.64	1.68	1.72	1.73	1.76	1.77	1.78	1.81	
45.0	1.54	1.60	1.65	1.70	1.76	1.81	1.86	1.88	1.90	1.92	1.94	1.98	2.01
50.0	1.64	1.71	1.78	1.84	1.90	1.96	2.02	2.04	2.07	2.10	2.12	2.16	2.20
55.0	1.77	1.84	1.92	1.98	2.05	2.12	2.19	2.21	2.25	2.28	2.31	2.37	2.42
60.0		1.98	2.07	2.15	2.23	2.30	2.38	2.41	2.45	2.49	2.52	2.59	2.65
65.0			2.24	2.33	2.41	2.50	2.59	2.62	2.67	2.71	2.75	2.83	2.90
70.0				2.52	2.62	2.72	2.82	2.85	2.91	2.96	3.00	3.09	
75.0				2.74	2.85	2.96	3.07	3.11	3.17	3.22	3.28		

Cond °C	Current at 230 V, A												
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
20.0	8.52	8.59	8.65	8.71	8.77	8.80							
25.0	8.69	8.77	8.84	8.91	8.97	9.03	9.07						
30.0	8.87	8.95	9.04	9.13	9.21	9.28	9.34	9.36	9.39				
35.0	9.05	9.16	9.26	9.37	9.47	9.57	9.65	9.69	9.73	9.76	9.78		
40.0	9.27	9.39	9.52	9.65	9.78	9.90	10.02	10.06	10.12	10.17	10.21	10.28	
45.0	9.52	9.67	9.83	9.99	10.14	10.30	10.45	10.50	10.59	10.65	10.71	10.82	10.91
50.0	9.82	10.00	10.19	10.38	10.57	10.76	10.95	11.02	11.13	11.21	11.29	11.45	11.58
55.0	10.17	10.39	10.61	10.84	11.07	11.31	11.54	11.63	11.76	11.87	11.97	12.17	12.35
60.0		10.85	11.11	11.39	11.66	11.94	12.22	12.32	12.49	12.62	12.75	13.00	13.24
65.0			11.70	12.02	12.35	12.67	13.00	13.13	13.32	13.48	13.64	13.95	14.24
70.0				12.76	13.14	13.52	13.90	14.06	14.28	14.47	14.66	15.03	
75.0				13.61	14.05	14.49	14.93	15.11	15.37	15.59	15.81		

Cond °C	Suction Mass Flow, g/s												
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0	20.0	25.0
20.0	13.50	16.95	21.00	25.90	31.50	38.00							
25.0	13.25	16.75	20.90	25.70	31.40	37.90	45.40						
30.0	13.05	16.55	20.70	25.60	31.20	37.70	45.20	48.50	53.70				
35.0	12.80	16.35	20.50	25.40	31.00	37.60	45.00	48.30	53.60	58.20	63.20		
40.0	12.55	16.15	20.30	25.20	30.80	37.40	44.80	48.10	53.40	58.00	63.00	73.80	
45.0	12.25	15.90	20.10	25.00	30.60	37.10	44.60	47.90	53.20	57.80	62.80	73.70	85.80
50.0	12.00	15.65	19.85	24.70	30.40	36.90	44.40	47.70	52.90	57.60	62.60	73.50	85.70
55.0	11.70	15.35	19.55	24.40	30.10	36.60	44.10	47.40	52.60	57.30	62.30	73.30	85.60
60.0		15.05	19.30	24.10	29.80	36.30	43.80	47.10	52.30	57.00	62.10	73.10	85.40
65.0			18.95	23.80	29.40	35.90	43.40	46.70	52.00	56.70	61.80	72.90	85.30
70.0				23.50	29.10	35.60	43.10	46.40	51.70	56.40	61.50	72.70	
75.0				23.10	28.70	35.20	42.70	46.00	51.40	56.20	61.30		

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m ³ /h	10.0
Length/Width, mm	243/242
Height, mm	400
Net Weight, kg	28
Gross Weight, kg	31
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	1.45
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (HT), dBA	63
Sound Power (HT), dBA	74
Sound Conditions (HT, Temperatures:	-7 / 50 / 3 °C at 50 Hz
Evap./Cond./Suction at freq./speed)	
PED Category	1
Max. Internal Free Volume, l	3.10
High Side PS gauge, bar	32
Low Side PS gauge, bar	22.6
Low Side TS Max., °C	50
Refrigerant's GWP	1430
Refrigerant's classification	A1

50 Hz

ZH26K4E-PFJ

R134a

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

Maximum Operating Current, A	20.6
Locked Rotor Current, A	97
Winding Resistance, ohm	0.69/1.65 (R/S)
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Mounting Grommets	Standard
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ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
Discharge Temperature Protection	Discharge line thermostat

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