



Minimum Evaporating Temp. With:

- 25 °C Suction Gas Return
- 10 K Suction Superheat
- Maximum Evaporating Temperature

Suction Superheat 10.0K

Liquid Subcooling 0.0K

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
25.0	2.77	3.45	4.25	5.17	6.23	7.46	7.99	8.85	9.61
30.0	2.59	3.25	4.01	4.90	5.92	7.09	7.61	8.43	9.16
35.0	2.41	3.04	3.77	4.62	5.59	6.71	7.20	7.99	8.69
40.0	2.21	2.82	3.52	4.32	5.25	6.31	6.77	7.52	8.19
45.0		2.59	3.25	4.01	4.88	5.88	6.33	7.03	7.66
50.0			2.96	3.68	4.50	5.44	5.85	6.51	7.11
55.0				3.33	4.09	4.96	5.35	5.97	6.52
60.0					3.65	4.45	4.81	5.38	5.89
65.0						3.89	4.21	4.72	5.18

50 Hz

ZP26K3E-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
25.0	1.23	1.20	1.18	1.14	1.12	1.09	1.08	1.07	1.06
30.0	1.39	1.36	1.32	1.30	1.26	1.23	1.22	1.20	1.20
35.0	1.58	1.54	1.50	1.47	1.43	1.40	1.38	1.36	1.36
40.0	1.82	1.76	1.72	1.68	1.63	1.59	1.58	1.56	1.54
45.0		2.02	1.96	1.91	1.86	1.81	1.80	1.77	1.75
50.0			2.25	2.18	2.12	2.07	2.04	2.02	2.00
55.0				2.49	2.42	2.35	2.33	2.30	2.27
60.0					2.76	2.68	2.65	2.61	2.58
65.0						3.05	3.02	2.97	2.93

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
25.0	6.11	6.01	5.90	5.80	5.70	5.61	5.59	5.56	5.54
30.0	6.74	6.63	6.50	6.38	6.26	6.16	6.13	6.09	6.06
35.0	7.50	7.37	7.23	7.08	6.95	6.83	6.78	6.73	6.69
40.0	8.40	8.24	8.08	7.92	7.76	7.61	7.56	7.49	7.44
45.0		9.27	9.08	8.89	8.70	8.53	8.47	8.38	8.32
50.0			10.24	10.02	9.80	9.60	9.52	9.42	9.34
55.0				11.31	11.06	10.82	10.74	10.61	10.52
60.0					12.49	12.22	12.12	11.97	11.86
65.0						13.81	13.69	13.52	13.38

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
25.0	15.10	18.60	22.60	27.20	32.50	38.50	41.10	45.30	49.00
30.0	14.80	18.35	22.40	27.00	32.30	38.30	40.90	45.10	48.80
35.0	14.45	18.00	22.10	26.70	32.00	38.00	40.60	44.80	48.50
40.0	14.05	17.65	21.70	26.40	31.60	37.60	40.20	44.40	48.10
45.0		17.20	21.30	25.90	31.20	37.20	39.80	44.00	47.70
50.0			20.80	25.40	30.70	36.70	39.30	43.40	47.10
55.0				24.80	30.10	36.00	38.60	42.80	46.50
60.0					29.40	35.30	37.90	42.10	45.80
65.0						34.60	37.20	41.40	45.10

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m³/h	4.42
Length/Width, mm	242/242
Height, mm	362
Net Weight, kg	30
Gross Weight, kg	32
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	1.1
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF
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	59
Sound Conditions (HT, Temperatures:	7 / 54 / 18 °C at 50 Hz
Evap./Cond./Suction at freq./speed)	
PED Category	1
Max. Internal Free Volume, l	2.90
High Side PS gauge, bar	45
Low Side PS gauge, bar	28
Low Side TS Max., °C	50
Refrigerant's GWP	2088
Refrigerant's classification	A1

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

Maximum Operating Current, A	16
Locked Rotor Current, A	61
Winding Resistance, ohm	1.2/2.23 (R/S)
Default Enclosure Class	Not Available

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
Single Phase Equipment	Run Capacitor

50 Hz

ZP26K3E-PFJ

R410A Dew Point

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