



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	3.57	4.48	5.51	6.68	7.99	9.46	10.10	11.10	11.95
30.0	3.31	4.19	5.18	6.30	7.56	8.96	9.57	10.55	11.35
35.0	3.04	3.88	4.84	5.91	7.11	8.45	9.03	9.94	10.75
40.0	2.76	3.56	4.47	5.49	6.64	7.91	8.46	9.32	10.10
45.0		3.23	4.09	5.06	6.14	7.34	7.86	8.68	9.40
50.0			3.70	4.61	5.62	6.75	7.24	8.00	8.68
55.0				4.13	5.07	6.12	6.58	7.29	7.92
60.0					4.49	5.46	5.87	6.53	7.11
65.0						4.72	5.10	5.70	6.22

50 Hz

ZP32K3E-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	1.46	1.44	1.40	1.36	1.33	1.30	1.29	1.28	1.26
30.0	1.68	1.64	1.60	1.56	1.52	1.48	1.46	1.45	1.44
35.0	1.92	1.88	1.82	1.78	1.73	1.69	1.68	1.66	1.64
40.0	2.21	2.16	2.10	2.04	1.98	1.94	1.92	1.89	1.88
45.0		2.48	2.41	2.35	2.28	2.22	2.20	2.17	2.15
50.0			2.78	2.70	2.62	2.55	2.53	2.49	2.46
55.0				3.10	3.01	2.93	2.90	2.86	2.82
60.0					3.46	3.36	3.33	3.28	3.24
65.0						3.85	3.81	3.75	3.70

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	8.63	8.34	8.05	7.76	7.49	7.24	7.15	7.03	6.95
30.0	9.48	9.16	8.83	8.50	8.19	7.91	7.81	7.67	7.56
35.0	10.50	10.14	9.77	9.40	9.05	8.72	8.60	8.43	8.31
40.0	11.71	11.30	10.88	10.46	10.06	9.68	9.54	9.34	9.19
45.0		12.65	12.17	11.70	11.24	10.80	10.64	10.41	10.23
50.0			13.66	13.13	12.60	12.10	11.92	11.65	11.44
55.0				14.76	14.16	13.60	13.38	13.07	12.82
60.0					15.93	15.29	15.04	14.69	14.40
65.0						17.20	16.92	16.51	16.19

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	19.45	24.10	29.30	35.20	41.60	48.80	51.90	56.70	61.00
30.0	18.90	23.60	28.90	34.70	41.20	48.40	51.40	56.30	60.50
35.0	18.25	23.00	28.30	34.20	40.70	47.80	50.90	55.70	60.00
40.0	17.50	22.30	27.70	33.50	40.00	47.20	50.20	55.10	59.30
45.0		21.50	26.90	32.80	39.30	46.40	49.50	54.30	58.50
50.0			26.00	31.90	38.40	45.50	48.60	53.40	57.60
55.0				30.80	37.30	44.50	47.50	52.30	56.50
60.0					36.10	43.30	46.30	51.10	55.40
65.0						42.00	45.10	49.90	54.10

### **COMPRESSOR MECHANICAL AND PHYSICAL DATA**

Displacement @ 50 Hz, m³/h	5.34
Length/Width, mm	246/246
Height, mm	384
Net Weight, kg	28.1
Stub Suction, inch	3/4
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	56
Sound Power (HT), dBA	67
Sound Power with Sound Shell (HT), dBA	60
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	2.50
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	19
Locked Rotor Current, A	82
Winding Resistance, ohm	0.9/1.8 (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

ZP32K3E-PFJ

R410A Dew Point

## **MOTOR OPTIONS**

<b>Motor Code</b>	<b>Power Supply</b>	<b>Nominal Voltage, V</b>	<b>Start Connection</b>	<b>DOL Connection</b>	<b>Amps Factor</b>
PFJ	220-240 V / 1~ / 50 Hz	230		PSC	1.00
PFJ	265 V / 1~ / 60 Hz	265		PSC	0.75