



Minimum Evaporating Temp. With:

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

Suction Return Temperature 20.0°C

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
10.0	4.95	6.10	7.46						
15.0	4.75	5.85	7.15	8.67					
20.0	4.53	5.59	6.82	8.26	9.93				
25.0	4.30	5.30	6.47	7.83	9.41	11.25			
30.0	4.05	4.99	6.09	7.38	8.86	10.55	12.55	13.40	14.75
35.0	3.77	4.66	5.69	6.89	8.28	9.88	11.70	12.50	13.80
40.0	3.48	4.31	5.27	6.39	7.67	9.16	10.85	11.60	12.80
45.0	3.17	3.94	4.82	5.85	7.04	8.40	9.97	10.65	11.75
50.0		3.54	4.35	5.29	6.37	7.62	9.04	9.67	10.65
55.0			3.85	4.69	5.67	6.80	8.09	8.65	9.55
60.0				4.07	4.94	5.94	7.09	7.59	8.39

50 Hz

ZB26KCE-PFJ

R404A Dew Point

Cond °C	Power, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
10.0	1.52	1.49	1.46						
15.0	1.70	1.68	1.64	1.62					
20.0	1.92	1.88	1.85	1.81	1.77				
25.0	2.15	2.11	2.07	2.03	1.98	1.94			
30.0	2.42	2.37	2.33	2.28	2.22	2.16	2.10	2.07	2.02
35.0	2.72	2.67	2.62	2.56	2.50	2.43	2.35	2.31	2.26
40.0	3.06	3.00	2.95	2.88	2.80	2.72	2.63	2.59	2.53
45.0	3.44	3.38	3.31	3.24	3.15	3.06	2.95	2.91	2.84
50.0		3.80	3.73	3.64	3.55	3.44	3.32	3.27	3.19
55.0			4.19	4.09	3.99	3.87	3.73	3.68	3.59
60.0				4.60	4.48	4.35	4.20	4.14	4.04

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
10.0	10.04	10.03	10.03						
15.0	10.41	10.41	10.41	10.42					
20.0	10.85	10.86	10.87	10.87	10.87				
25.0	11.37	11.39	11.40	11.40	11.40	11.39			
30.0	12.00	12.02	12.04	12.04	12.03	12.01	11.99	11.98	11.97
35.0	12.75	12.78	12.80	12.80	12.78	12.75	12.71	12.69	12.66
40.0	13.65	13.69	13.71	13.70	13.68	13.63	13.58	13.55	13.51
45.0	14.72	14.77	14.78	14.77	14.74	14.68	14.60	14.57	14.51
50.0		16.03	16.05	16.03	15.99	15.91	15.82	15.77	15.70
55.0			17.52	17.50	17.44	17.35	17.24	17.18	17.09
60.0				19.19	19.13	19.02	18.88	18.82	18.71

50 Hz

ZB26KCE-PFJ

R404A Dew Point

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
10.0	27.90	34.50	42.40						
15.0	27.90	34.50	42.40	51.80					
20.0	27.80	34.40	42.30	51.60	62.60				
25.0	27.60	34.20	42.10	51.40	62.30	75.20			
30.0	27.40	34.00	41.80	51.00	61.80	74.60	89.70	96.50	107.50
35.0	27.00	33.50	41.30	50.40	61.20	73.90	88.90	95.70	106.50
40.0	26.40	32.90	40.60	49.70	60.30	73.00	87.90	94.60	105.50
45.0	25.70	32.20	39.80	48.70	59.30	71.80	86.70	93.30	104.50
50.0		31.20	38.70	47.50	58.00	70.50	85.20	91.90	103.00
55.0			37.40	46.10	56.50	68.90	83.60	90.30	101.50
60.0				44.50	54.90	67.20	82.10	88.80	99.80

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m ³ /h	9.94
Length/Width, mm	243/244
Height, mm	406
Net Weight, kg	28.4
Gross Weight, kg	31.4
Rotalock Suction, inch	1 1/4
Rotalock Discharge, inch	1
Oil Quantity, l	1.12
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 (MT), dBA	58
Sound Power (MT), dBA	69
Sound Power with Sound Shell (MT), dBA	63
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10 / 45 / 20 °C at 50 Hz
PED Category	1
Max. Internal Free Volume, l	2.60
High Side PS gauge, bar	32
Low Side PS gauge, bar	21
Low Side TS Max., °C	50
Low Side TS Min., °C	-35
Refrigerant's GWP	3922
Refrigerant's classification	A1

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

Maximum Operating Current, A	18.8
Locked Rotor Current, A	97
Winding Resistance, ohm	1.65/0.69 (R/S)
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
Single Phase Equipment	Run Capacitor
Single Phase Equipment	Start Relay and Capacitor
Oil Control System	ALCO Trax-Oil OM3
Sound Attenuation	Sound Shell (10dBA)
Rotalock valves	suction and discharge

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