



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return ASERCOM certified
- 10 K Suction Superheat
- Maximum Evaporating Temperature
- 25 °C Suction Gas Return

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	5.02	6.19	7.57						
15.0	4.79	5.91	7.22	8.75					
20.0	4.56	5.61	6.85	8.30	9.97				
25.0	4.32	5.31	6.47	7.83	9.41	11.20			
30.0	4.06	4.99	6.08	7.36	8.83	10.55	12.50	13.35	14.70
35.0	3.79	4.66	5.68	6.87	8.24	9.83	11.65	12.45	13.75
40.0	3.50	4.31	5.26	6.36	7.64	9.12	10.80	11.55	12.75
45.0	3.20	3.95	4.82	5.84	7.02	8.38	9.96	10.65	11.75
50.0		3.57	4.37	5.30	6.38	7.63	9.08	9.72	10.75
55.0			3.90	4.74	5.72	6.87	8.19	8.78	9.72
60.0				4.16	5.05	6.08	7.28	7.82	8.68

50 Hz

ZB26KCE-TFD

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	1.29	1.29	1.29						
15.0	1.46	1.46	1.46	1.45					
20.0	1.64	1.64	1.64	1.64	1.63				
25.0	1.85	1.85	1.84	1.84	1.84	1.82			
30.0	2.08	2.08	2.08	2.07	2.06	2.05	2.05	2.04	2.04
35.0	2.34	2.34	2.34	2.33	2.32	2.31	2.30	2.29	2.29
40.0	2.64	2.63	2.63	2.62	2.61	2.59	2.58	2.57	2.56
45.0	2.96	2.96	2.95	2.94	2.93	2.91	2.89	2.89	2.87
50.0		3.32	3.31	3.30	3.28	3.26	3.24	3.23	3.22
55.0			3.71	3.70	3.68	3.66	3.63	3.62	3.61
60.0				4.14	4.12	4.09	4.06	4.05	4.03

Cond °C	Current at 400 V, A								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
10.0	3.98	3.98	3.97						
15.0	4.13	4.13	4.13	4.13					
20.0	4.30	4.31	4.31	4.31	4.31				
25.0	4.51	4.52	4.52	4.52	4.52	4.51			
30.0	4.76	4.77	4.77	4.77	4.77	4.76	4.75	4.75	4.74
35.0	5.05	5.07	5.07	5.07	5.07	5.05	5.04	5.03	5.02
40.0	5.41	5.43	5.43	5.43	5.42	5.40	5.38	5.37	5.36
45.0	5.84	5.85	5.86	5.86	5.84	5.82	5.79	5.78	5.76
50.0		6.36	6.36	6.35	6.34	6.31	6.27	6.26	6.23
55.0			6.95	6.94	6.91	6.88	6.84	6.82	6.78
60.0				7.61	7.58	7.54	7.49	7.47	7.43

50 Hz

ZB26KCE-TFD

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	28.20	35.00	43.10						
15.0	28.10	34.80	42.80	52.30					
20.0	28.00	34.60	42.50	51.90	62.90				
25.0	27.80	34.30	42.10	51.40	62.30	75.20			
30.0	27.50	34.00	41.70	50.80	61.60	74.40	89.40	96.10	107.00
35.0	27.10	33.50	41.20	50.20	60.90	73.60	88.50	95.20	106.00
40.0	26.60	33.00	40.50	49.50	60.10	72.60	87.60	94.30	105.50
45.0	25.90	32.30	39.80	48.60	59.10	71.70	86.60	93.30	104.50
50.0		31.40	38.90	47.70	58.10	70.60	85.60	92.40	103.50
55.0			37.80	46.60	57.10	69.60	84.80	91.70	103.00
60.0				45.50	56.10	68.80	84.30	91.40	103.00

### COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m <sup>3</sup> /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	62
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 (380-420 V / 3~ / 50 Hz)**

Maximum Operating Current, A	7.45
Locked Rotor Current, A	46
Winding Resistance, ohm	4.03
Default Enclosure Class	IP 21 (IEC 34)

### **ACCESSORIES INCLUDED**

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

### **ACCESSORIES OPTIONAL**

Crankcase Heater	70 W External
Sound Attenuation	Sound Shell (10dBA)
Rotalock valves	suction and discharge
Oil Control System	ALCO Trax-Oil OM3

### **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>
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00
TF5	200-220 V / 3~ / 50 Hz	200		Y	2.09
TFE	500 V / 3~ / 50 Hz	500		Y	0.80
TW5	200-220 V / 3~ / 50 Hz	200		Y	2.30
TFD	460 V / 3~ / 60 Hz	460		Y	1.04
TF5	200-230 V / 3~ / 60 Hz	230		Y	2.09
TFE	575 V / 3~ / 60 Hz	575		Y	0.80