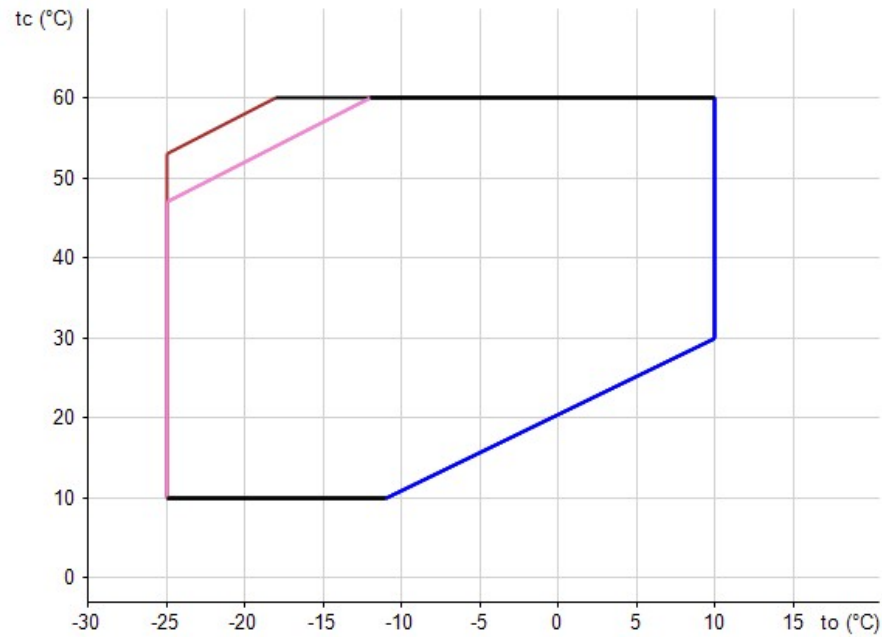




Minimum Evaporating Temp. With:

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

Suction Return Temperature 18.3°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	5.00	6.18	7.56						
15.0	4.78	5.89	7.20	8.73					
20.0	4.55	5.60	6.83	8.28	9.95				
25.0	4.30	5.29	6.45	7.81	9.38	11.20			
30.0	4.05	4.97	6.06	7.33	8.80	10.50	12.45	13.30	14.65
35.0	3.77	4.64	5.65	6.84	8.21	9.79	11.60	12.40	13.70
40.0	3.48	4.29	5.23	6.33	7.60	9.07	10.75	11.50	12.70
45.0	3.18	3.93	4.79	5.80	6.98	8.34	9.90	10.60	11.70
50.0		3.54	4.34	5.26	6.34	7.58	9.02	9.66	10.70
55.0			3.86	4.70	5.68	6.81	8.12	8.71	9.64
60.0				4.12	5.00	6.02	7.21	7.73	8.58

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	28.40	35.20	43.40						
15.0	28.30	35.00	43.10	52.70					
20.0	28.10	34.80	42.80	52.20	63.40				
25.0	27.90	34.60	42.40	51.80	62.80	75.80			
30.0	27.60	34.20	42.00	51.20	62.10	75.00	90.20	97.10	108.00
35.0	27.30	33.70	41.40	50.60	61.40	74.20	89.30	96.10	107.50
40.0	26.70	33.20	40.80	49.80	60.50	73.20	88.40	95.20	106.50
45.0	26.10	32.50	40.00	49.00	59.60	72.30	87.40	94.20	105.50
50.0		31.60	39.10	48.00	58.60	71.20	86.40	93.30	104.50
55.0			38.10	46.90	57.50	70.20	85.50	92.50	104.00
60.0				45.80	56.50	69.40	85.00	92.30	104.00

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m³/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	8.9
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
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
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00
TF5	200-220 V / 3~ / 50 Hz	200		Y	2.09
TFD	460 V / 3~ / 60 Hz	460		Y	1.04
TF5	200-230 V / 3~ / 60 Hz	230		Y	2.09