



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	2.75	3.43	4.23	5.17	6.25	7.49	8.03	8.90	9.67
30.0	2.59	3.24	4.01	4.90	5.93	7.11	7.63	8.46	9.19
35.0	2.42	3.04	3.77	4.61	5.59	6.72	7.21	8.00	8.70
40.0	2.24	2.83	3.51	4.31	5.24	6.30	6.77	7.52	8.19
45.0		2.60	3.25	4.00	4.87	5.88	6.32	7.02	7.65
50.0			2.97	3.67	4.49	5.43	5.84	6.51	7.10
55.0				3.33	4.09	4.96	5.35	5.97	6.52
60.0					3.67	4.47	4.83	5.40	5.91
65.0						3.93	4.25	4.77	5.24

50 Hz

ZP26K3E-TFD

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	1.20	1.14	1.10	1.07	1.04	1.00	0.99	0.96	0.93
30.0	1.40	1.33	1.28	1.24	1.20	1.16	1.14	1.12	1.10
35.0	1.62	1.54	1.48	1.43	1.38	1.34	1.32	1.30	1.28
40.0	1.90	1.80	1.72	1.64	1.59	1.54	1.52	1.50	1.47
45.0		2.08	1.98	1.90	1.83	1.77	1.75	1.72	1.69
50.0			2.30	2.19	2.11	2.03	2.01	1.97	1.94
55.0				2.53	2.43	2.34	2.31	2.26	2.23
60.0					2.80	2.69	2.65	2.59	2.55
65.0						3.09	3.04	2.98	2.93

Cond °C	Current at 400 V, A								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
25.0	2.59	2.61	2.62	2.62	2.63	2.64	2.65	2.66	2.67
30.0	2.73	2.75	2.77	2.78	2.79	2.80	2.80	2.81	2.82
35.0	2.88	2.92	2.94	2.96	2.97	2.98	2.98	2.99	3.00
40.0	3.06	3.10	3.14	3.16	3.18	3.19	3.19	3.20	3.21
45.0		3.32	3.36	3.39	3.41	3.43	3.43	3.44	3.45
50.0			3.62	3.66	3.69	3.70	3.71	3.72	3.72
55.0				3.96	4.00	4.02	4.03	4.04	4.05
60.0					4.36	4.39	4.40	4.41	4.42
65.0						4.81	4.82	4.84	4.84

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	15.00	18.45	22.50	27.20	32.50	38.60	41.30	45.50	49.30
30.0	14.80	18.30	22.30	27.00	32.30	38.40	41.00	45.20	48.90
35.0	14.55	18.05	22.10	26.70	32.00	38.00	40.60	44.80	48.60
40.0	14.25	17.70	21.70	26.30	31.60	37.60	40.20	44.40	48.10
45.0		17.30	21.30	25.90	31.20	37.10	39.70	43.90	47.60
50.0			20.80	25.40	30.60	36.60	39.20	43.40	47.10
55.0				24.90	30.10	36.00	38.60	42.80	46.50
60.0					29.50	35.50	38.10	42.30	46.00
65.0						35.00	37.60	41.80	45.60

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	58
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 (380-420 V / 3~ / 50 Hz)

Maximum Operating Current, A	5.5
Locked Rotor Current, A	32
Winding Resistance, ohm	5.94
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermodisk
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	70 W External
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50 Hz

ZP26K3E-TFD

R410A Dew Point

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
TFD	460 V / 3~ / 60 Hz	460		Y	1.04