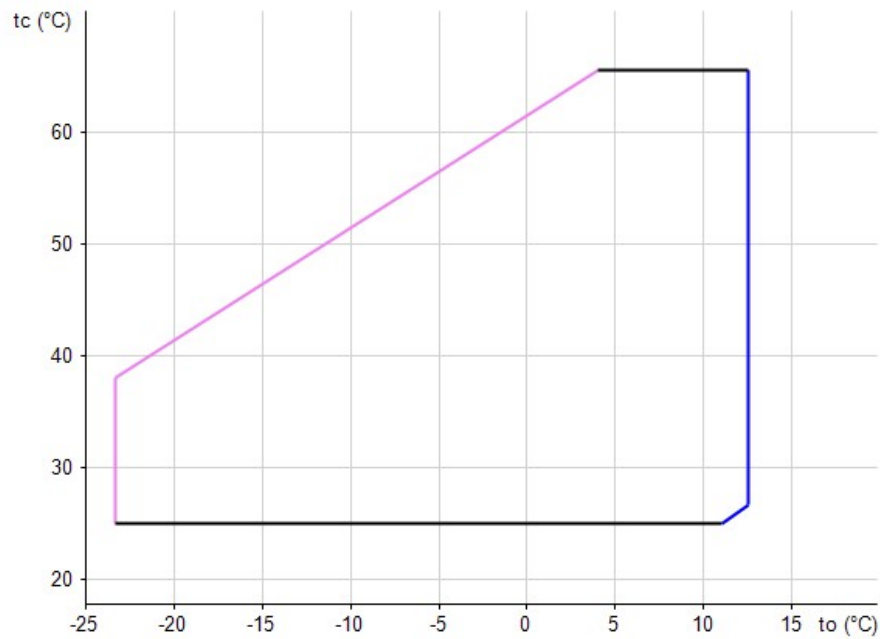


60 Hz

ZP72KCE-TFD

R410A Dew Point



Minimum Evaporating Temp. With:

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	9.69	11.95	14.55	17.55	21.00	25.00	26.70	29.40	
30.0	9.10	11.25	13.75	16.65	20.00	23.80	25.40	28.10	30.40
35.0	8.49	10.55	12.95	15.70	18.90	22.50	24.10	26.60	28.90
40.0	7.85	9.83	12.10	14.70	17.75	21.20	22.70	25.10	27.20
45.0		9.05	11.20	13.65	16.50	19.75	21.20	23.50	25.50
50.0			10.25	12.55	15.20	18.25	19.60	21.80	23.70
55.0				11.40	13.85	16.70	17.95	19.95	21.70
60.0					12.35	14.95	16.10	17.95	19.60
65.0						13.05	14.10	15.75	17.30

60 Hz

ZP72KCE-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	3.39	3.39	3.40	3.43	3.46	3.51	3.53	3.57	
30.0	3.81	3.81	3.82	3.84	3.87	3.90	3.92	3.95	3.97
35.0	4.27	4.28	4.29	4.31	4.33	4.35	4.36	4.38	4.40
40.0	4.79	4.80	4.82	4.83	4.85	4.86	4.87	4.88	4.89
45.0		5.39	5.41	5.43	5.44	5.45	5.45	5.46	5.46
50.0			6.08	6.10	6.12	6.12	6.12	6.12	6.12
55.0				6.87	6.89	6.89	6.89	6.89	6.88
60.0					7.76	7.77	7.77	7.76	7.76
65.0						8.77	8.77	8.76	8.75

Cond °C	Current at 460 V, A								
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
25.0	6.10	6.11	6.14	6.17	6.21	6.25	6.27	6.31	
30.0	6.54	6.55	6.57	6.59	6.62	6.66	6.68	6.71	6.73
35.0	7.08	7.08	7.09	7.11	7.13	7.16	7.18	7.20	7.22
40.0	7.71	7.71	7.72	7.73	7.74	7.77	7.78	7.80	7.82
45.0		8.45	8.45	8.46	8.47	8.49	8.50	8.51	8.53
50.0			9.31	9.31	9.32	9.33	9.34	9.35	9.36
55.0				10.30	10.31	10.32	10.32	10.33	10.34
60.0					11.44	11.45	11.45	11.46	11.47
65.0						12.74	12.75	12.75	12.76

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	52.80	64.30	77.40	92.40	109.50	129.00	137.00	150.50	
30.0	52.00	63.50	76.70	91.70	109.00	128.00	136.50	150.00	162.00
35.0	51.00	62.60	75.80	90.90	108.00	127.50	136.00	149.00	161.00
40.0	49.90	61.60	74.80	89.80	107.00	126.50	134.50	148.00	160.00
45.0		60.30	73.50	88.50	105.50	125.00	133.50	146.50	158.50
50.0			71.90	86.90	104.00	123.00	131.50	145.00	157.00
55.0				84.90	102.00	121.00	129.50	143.00	155.00
60.0					99.50	119.00	127.00	140.50	152.50
65.0						116.00	124.50	138.00	150.50

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 60 Hz, m³/h	14.1
Length/Width, mm	246/246
Height, mm	455
Net Weight, kg	39.9
Stub Suction, inch	7/8
Stub Discharge, inch	1/2
Oil Quantity, l	1.66
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	64
Sound Power (HT), dBA	75
Sound Conditions (HT, Temperatures:	7 / 54 / 18 °C at 60 Hz
Evap./Cond./Suction at freq./speed)	
PED Category	1
Max. Internal Free Volume, l	3.90
High Side PS gauge, bar	45
Low Side PS gauge, bar	29.5
Low Side TS Min., °C	-35
Refrigerant's GWP	2088
Refrigerant's classification	A1

COMPRESSOR ELECTRICAL DATA (460 V / 3~ / 60 Hz)

Maximum Operating Current, A	15
Locked Rotor Current, A	75
Winding Resistance, ohm	2.26
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Mounting Grommets	Rubber Grommet For Single
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ACCESSORIES OPTIONAL

Enclosure Class	IP 54
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MOTOR OPTIONS

<i>Motor Code</i>	<i>Power Supply</i>	<i>Nominal Voltage, V</i>	<i>Start Connection</i>	<i>DOL Connection</i>	<i>Amps Factor</i>
TFD	460 V / 3~ / 60 Hz	460		Y	1.00
TFD	380-420 V / 3~ / 50 Hz	400		Y	0.96
TF5	200-220 V / 3~ / 50 Hz	200		Y	2.01
TFE	500 V / 3~ / 50 Hz	500		Y	0.77
TF5	200-230 V / 3~ / 60 Hz	230		Y	2.01
TFE	575 V / 3~ / 60 Hz	575		Y	0.77
TF7	380 V / 3~ / 60 Hz	380		Y	1.21