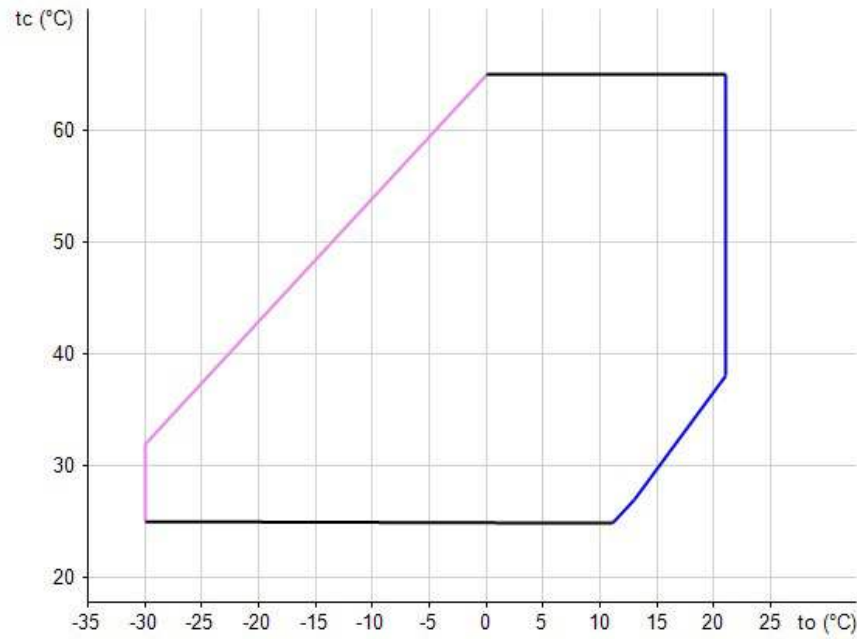


50 Hz

ZP232KZE-TED

R410A Dew Point



Minimum Evaporating Temp. With:

10 K Suction Superheat

Maximum Evaporating Temperature

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Cond °C	Cooling Capacity, kW											
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5	15.0	20.0
25.0	18.20	23.10	28.70	35.10	42.50	50.90	60.60	71.50	83.90			
30.0	16.70	21.60	27.10	33.40	40.70	49.00	58.40	69.10	81.20	87.80	94.80	
35.0		20.00	25.40	31.60	38.70	46.70	55.90	66.30	78.10	84.50	91.30	
40.0			23.70	29.70	36.50	44.30	53.10	63.20	74.60	80.80	87.40	101.50
45.0				27.70	34.20	41.60	50.10	59.80	70.70	76.70	83.00	96.90
50.0					31.80	38.80	46.90	56.10	66.60	72.30	78.40	91.60
55.0						35.90	43.50	52.20	62.10	67.60	73.30	86.00
60.0							40.00	48.10	57.40	62.60	68.00	80.00
65.0							36.40	43.90	52.60	57.40	62.50	73.70

50 Hz

ZP232KZE-TED

R410A Dew Point

Cond °C	Power, kW											
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5	15.0	20.0
25.0	8.28	8.46	8.59	8.68	8.75	8.81	8.89	8.99	9.13			
30.0	9.26	9.47	9.61	9.71	9.78	9.83	9.88	9.95	10.05	10.10	10.20	
35.0		10.55	10.75	10.85	10.90	10.95	11.00	11.05	11.10	11.15	11.20	
40.0			11.95	12.10	12.15	12.20	12.25	12.25	12.30	12.30	12.35	12.45
45.0				13.50	13.60	13.65	13.65	13.65	13.65	13.70	13.70	13.75
50.0					15.15	15.20	15.25	15.25	15.25	15.25	15.25	15.25
55.0						17.00	17.05	17.05	17.00	17.00	17.00	17.00
60.0							19.05	19.05	19.05	19.00	19.00	18.95
65.0							21.30	21.30	21.30	21.30	21.30	21.20

Cond °C	Current at 400 V, A											
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5	15.0	20.0
25.0	17.12	17.37	17.55	17.67	17.77	17.86	17.96	18.10	18.30			
30.0	18.48	18.77	18.98	19.12	19.21	19.28	19.35	19.44	19.58	19.68	19.79	
35.0		20.30	20.54	20.70	20.80	20.86	20.91	20.96	21.05	21.11	21.19	
40.0			22.26	22.45	22.56	22.63	22.66	22.69	22.73	22.77	22.81	22.95
45.0				24.39	24.53	24.61	24.64	24.65	24.66	24.67	24.69	24.76
50.0					26.74	26.83	26.87	26.87	26.85	26.85	26.84	26.86
55.0						29.32	29.38	29.38	29.35	29.33	29.31	29.29
60.0							32.19	32.21	32.17	32.14	32.11	32.06
65.0							35.35	35.38	35.35	35.32	35.28	35.20

Cond °C	Suction Mass Flow, g/s											
	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	10.0	12.5	15.0	20.0
25.0	94.10	118.00	144.50	175.00	210.00	249.00	293.00	343.00	399.00			
30.0	90.20	115.00	142.50	174.00	209.00	249.00	294.00	345.00	401.00	432.00	465.00	
35.0		111.50	140.00	172.00	208.00	248.00	294.00	345.00	403.00	434.00	467.00	
40.0			137.00	169.00	205.00	246.00	292.00	344.00	402.00	434.00	467.00	540.00
45.0				166.00	202.00	243.00	290.00	342.00	400.00	432.00	466.00	539.00
50.0					199.00	240.00	286.00	339.00	398.00	430.00	464.00	538.00
55.0						236.00	282.00	335.00	394.00	426.00	460.00	535.00
60.0							278.00	330.00	389.00	421.00	456.00	531.00
65.0							273.00	325.00	384.00	417.00	452.00	528.00

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, m³/h	36.6
Length/Width, mm	315/315
Height, mm	661
Net Weight, kg	91.6
Stub Suction, inch	1 5/8
Stub Discharge, inch	1 1/8
Oil Quantity, l	4.44
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF
Base mounting (hole dia), mm	232 x 232 (9.1)
Sound Pressure @ 1m (HT), dBA	72
Sound Power (HT), dBA	83
Sound Conditions (HT, Temperatures:	7 / 54 / 18 °C at 50 Hz
Evap./Cond./Suction at freq./speed)	
PED Category	2
Max. Internal Free Volume, l	12.8
High Side PS gauge, bar	45
Low Side PS gauge, bar	29.5
Low Side TS Max., °C	50
Low Side TS Min., °C	-35
Refrigerant's GWP	2088
Refrigerant's classification	A1

COMPRESSOR ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Maximum Operating Current, A	38.2
Locked Rotor Current, A	240
Winding Resistance, ohm	0.57
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	ASTP Therm-O-Disc In Scroll
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ACCESSORIES OPTIONAL

Mounting Grommets	Hard Mounts for Paralleling
Mounting Grommets	Rubber Grommet For Single

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
TED	380-420 V / 3~ / 50 Hz	400		Y	1.00

50 Hz

ZP232KZE-TED

R410A Dew Point
