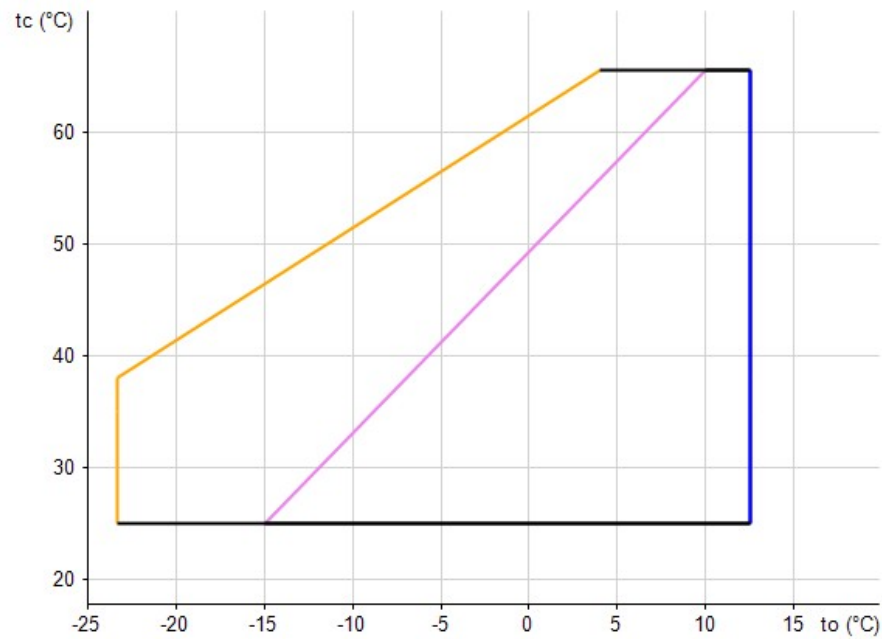


60 Hz

ZP24K5E-TFD

R410A Dew Point



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	3.25	4.01	4.90	5.95	7.16	8.55	9.17	10.15	11.00
30.0	3.06	3.78	4.64	5.64	6.80	8.13	8.72	9.65	10.50
35.0	2.85	3.54	4.36	5.32	6.42	7.69	8.25	9.14	9.94
40.0	2.63	3.29	4.07	4.98	6.03	7.24	7.77	8.61	9.37
45.0		3.02	3.76	4.62	5.61	6.76	7.26	8.06	8.78
50.0			3.43	4.23	5.17	6.25	6.72	7.48	8.15
55.0				3.82	4.69	5.70	6.14	6.85	7.49
60.0					4.18	5.11	5.52	6.18	6.76
65.0						4.45	4.82	5.42	5.96

60 Hz

ZP24K5E-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	1.25	1.24	1.22	1.19	1.16	1.12	1.12	1.10	1.08
30.0	1.40	1.40	1.38	1.36	1.33	1.30	1.29	1.28	1.26
35.0	1.58	1.58	1.56	1.54	1.51	1.48	1.48	1.46	1.45
40.0	1.80	1.79	1.77	1.74	1.72	1.68	1.68	1.66	1.65
45.0		2.03	2.01	1.98	1.94	1.91	1.90	1.88	1.87
50.0			2.28	2.25	2.21	2.17	2.15	2.13	2.12
55.0				2.56	2.51	2.47	2.45	2.42	2.41
60.0					2.88	2.82	2.79	2.76	2.74
65.0						3.23	3.20	3.16	3.13

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	2.30	2.29	2.27	2.24	2.20	2.16	2.15	2.13	2.12
30.0	2.48	2.47	2.45	2.42	2.39	2.36	2.35	2.34	2.32
35.0	2.68	2.67	2.65	2.63	2.60	2.57	2.56	2.54	2.53
40.0	2.92	2.91	2.89	2.86	2.83	2.79	2.78	2.77	2.76
45.0		3.19	3.16	3.13	3.09	3.05	3.04	3.02	3.01
50.0			3.49	3.45	3.40	3.35	3.34	3.31	3.30
55.0				3.83	3.77	3.71	3.69	3.66	3.64
60.0					4.21	4.13	4.11	4.07	4.04
65.0						4.64	4.60	4.55	4.52

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	17.75	21.60	26.10	31.30	37.30	44.10	47.10	51.90	56.10
30.0	17.45	21.30	25.80	31.00	37.00	43.90	46.90	51.60	55.80
35.0	17.15	21.00	25.50	30.80	36.70	43.60	46.50	51.30	55.50
40.0	16.75	20.60	25.20	30.40	36.40	43.20	46.10	50.90	55.10
45.0		20.10	24.70	29.90	35.90	42.70	45.70	50.40	54.60
50.0			24.10	29.30	35.30	42.10	45.10	49.80	54.10
55.0				28.50	34.60	41.40	44.40	49.20	53.40
60.0					33.60	40.50	43.50	48.40	52.60
65.0						39.50	42.60	47.50	51.80

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 60 Hz, m³/h	4.78
Length/Width, mm	236/236
Height, mm	387
Net Weight, kg	21.9
Stub Suction, inch	3/4
Stub Discharge, inch	1/2
Oil Quantity, l	0.74
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	58
Sound Power (HT), dBA	69
Sound Conditions (HT, Temperatures:	5 / 50 / 15 °C at 60 Hz
Evap./Cond./Suction at freq./speed)	
PED Category	1
Max. Internal Free Volume, l	2.10
High Side PS gauge, bar	45
Low Side PS gauge, bar	29.5
Low Side TS Max., °C	50
Refrigerant's GWP	2088
Refrigerant's classification	A1

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

Maximum Operating Current, A	4.8
Locked Rotor Current, A	28
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Mounting Grommets	Rubber Grommet For Single
-------------------	---------------------------

ACCESSORIES OPTIONAL

Crankcase Heater	40 W External
------------------	---------------

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
TFD	460 V / 3~ / 60 Hz	460		Y	1.00
TFD	380-420 V / 3~ / 50 Hz	400		Y	0.96