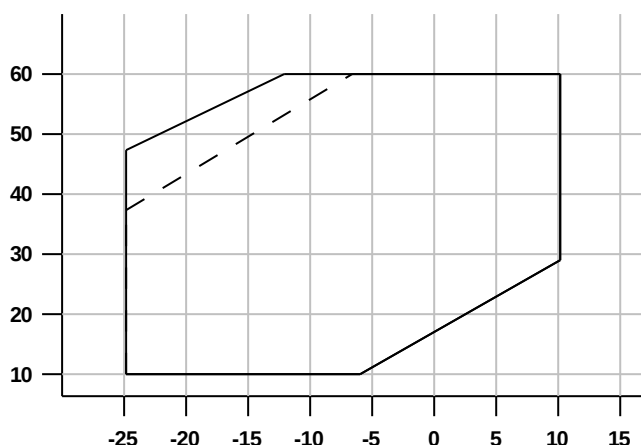


50Hz

ZB95KCE-TFD

R404A Dew Point



Minimum evaporating temp. with:

———— 10K Suction Superheat

- - - - 20°C Suction Gas Return

Suction Return Temperature 20.0°C

Evaporating Temperature °C

Liquid subcooling 0.0K

Cond °C	Capacity kW								
	-25	-20	-15	-10	-5	0	5	7	10
10	18.45	22.70	27.80	33.80	37.00	44.00			
20	16.80	20.80	25.40	30.80	33.00	39.30	46.30	49.40	54.20
30	14.75	18.45	22.70	27.50	30.90	36.80	43.30	46.20	50.70
35	13.50	17.10	21.10	25.70	30.90	36.80	43.30	46.20	50.70
40		15.60	19.45	23.80	28.70	34.10	40.30	42.90	47.20
45			17.65	21.70	26.30	31.40	37.10	39.50	43.50
50				19.50	23.70	28.50	33.70	36.00	39.60
55				17.05	21.00	25.40	30.30	32.30	35.60
60					18.15	22.20	26.60	28.50	31.50
	Power Input kW								
	-25	-20	-15	-10	-5	0	5	7	10
10	4.66	4.80	4.95	5.09					
20	5.82	5.93	6.07	6.23	6.38	6.52			
30	7.34	7.38	7.47	7.59	7.74	7.89	8.03	8.08	8.14
35	8.30	8.29	8.33	8.42	8.55	8.69	8.83	8.88	8.95
40		9.35	9.34	9.38	9.47	9.59	9.72	9.77	9.85
45			10.50	10.50	10.55	10.65	10.75	10.80	10.85
50				11.80	11.80	11.80	11.90	11.90	12.00
55				13.30	13.20	13.20	13.20	13.25	13.25
60					14.85	14.75	14.70	14.70	14.75
	Current 400V, A								
	-25	-20	-15	-10	-5	0	5	7	10
10	11.84	11.99	12.13	12.26					
20	13.03	13.17	13.34	13.52	13.69	13.85			
30	14.87	14.92	15.03	15.20	15.38	15.58	15.76	15.83	15.91
35	16.13	16.11	16.17	16.29	16.46	16.64	16.84	16.91	17.01
40		17.56	17.55	17.61	17.73	17.90	18.08	18.15	18.26
45			19.21	19.20	19.26	19.37	19.53	19.59	19.70
50				21.09	21.07	21.12	21.22	21.27	21.36
55				23.32	23.20	23.17	23.21	23.24	23.29
60					25.70	25.57	25.52	25.52	25.53
	Mass Flow g/s								
	-25	-20	-15	-10	-5	0	5	7	10
10	104.00	128.50	158.00	193.00					
20	103.00	128.00	158.00	193.00	233.00	280.00			
30	99.50	125.50	155.00	190.00	230.00	277.00	332.00	356.00	395.00
35	96.50	123.00	153.00	188.00	228.00	275.00	329.00	353.00	392.00
40		119.00	150.00	185.00	225.00	272.00	326.00	350.00	389.00
45			145.50	181.00	221.00	268.00	322.00	347.00	386.00
50				175.00	216.00	263.00	318.00	342.00	382.00
55				168.00	210.00	258.00	313.00	338.00	378.00
60					201.00	251.00	308.00	333.00	375.00

50Hz

ZB95KCE-TFD

R404A Dew Point

Copeland Scroll - Compressor - Refrigeration - MT Standard

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Displacement @ 50 Hz, cu.m/h	36.4
Length/Width, mm	264/285
Height, mm	552
Net Weight, kg	64.9
Rotalock Suction, inch	1 3/4
Rotalock Discharge, inch	1 1/4
Oil Quantity, l	3.25
Base mounting (hole dia), mm	190 x 190 (8.5)
Sound Pressure @ 1m (MT), dBA	67
Sound Power (MT), dBA	78
Sound Power with Sound Shell (MT), dBA	68
PED Category	2
Internal Free Volume, l	14
High Side PS, bar(g)	32
Low Side PS, bar(g)	22.6
Low Side TS Max., °C	50
Low Side TS Min., °C	-35

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

Maximum Operating Current, A	28.2
Locked Rotor Current, A	140
Winding Resistance, ohm	1.09
Default Enclosure Class	IP 21 (IEC 34)

ACCESSORIES INCLUDED

Discharge Temperature Protection	Internal Thermistor
Mounting Grommets	Standard

ACCESSORIES OPTIONAL

Crankcase Heater	90 W External
Enclosure Class	IP66 With Molded Plug
Mounting Grommets	Hard Mounts for Paralleling
Oil Control System	ALCO Trax-Oil OM3
Sound Attenuation	Sound Shell (10 dBA)
Rotalock valves	suction and discharge

MOTOR OPTIONS

Power Supply	Nominal Voltage	Motor Code	Start Connection	DOL Connection	Amps Factor
380-420 V/3~/50H	400	TFD		Y	1.00
460 V/3~/60Hz	460	TFD		Y	1.04
575 V/3~/60Hz	575	TWE		Y	0.80
380 V/3~/60Hz	380	TW7		Y	1.26
200-230 V/3~/60H	230	TW5		Y	2.30