

PERFORMANCE DATA

Compressor Model	9CB076SA04
Power Source	3PH 50Hz 380-415V
Suction Gas Superheat(°C)	11.1
Sub Cooling(°C)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R454B

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	12	15
30.0	11,100	13,370	15,120	19,410	22,870	25,380	30,350	33,930
40.5	10,010	12,000	13,520	17,240	20,210	22,370	26,620	29,670
45.0	9,570	11,450	12,880	16,370	19,170	21,180	25,150	28,000
50.0	9,110	10,870	12,210	15,460	18,060	19,940	23,620	26,250
54.4		10,380	11,640	14,700	17,140	18,900	22,340	24,810
60.0			10,960	13,800	16,040	17,660	20,820	23,080
65.0				13,040	15,130	16,630	19,570	21,660

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	12	15
30.0	3,450	3,490	3,510	3,530	3,540	3,540	3,540	3,530
40.5	4,410	4,430	4,440	4,460	4,470	4,470	4,480	4,480
45.0	4,930	4,940	4,950	4,960	4,970	4,970	4,980	4,980
50.0	5,580	5,580	5,580	5,580	5,590	5,590	5,610	5,620
54.4		6,200	6,190	6,190	6,190	6,200	6,220	6,240
60.0			7,060	7,040	7,050	7,060	7,090	7,120
65.0				7,880	7,880	7,900	7,940	7,980

CURRENT(A) @380V

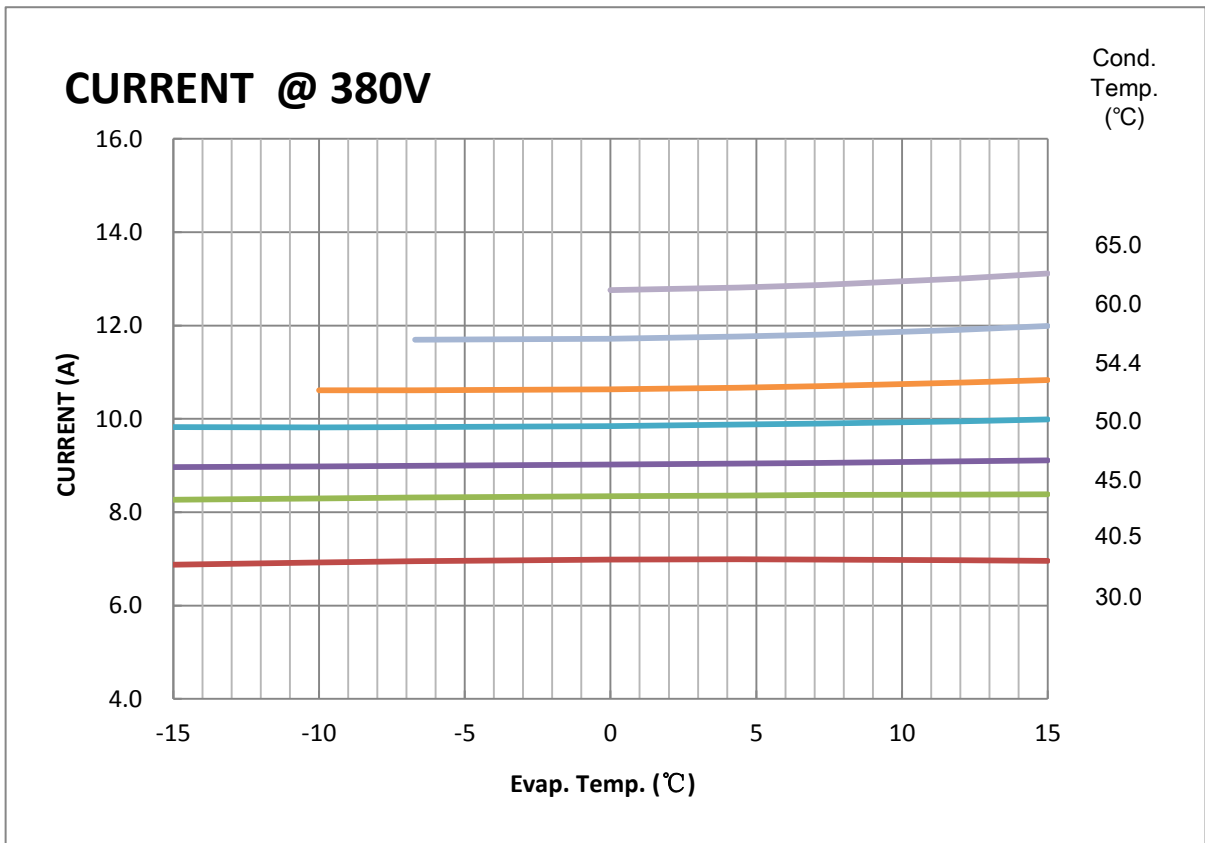
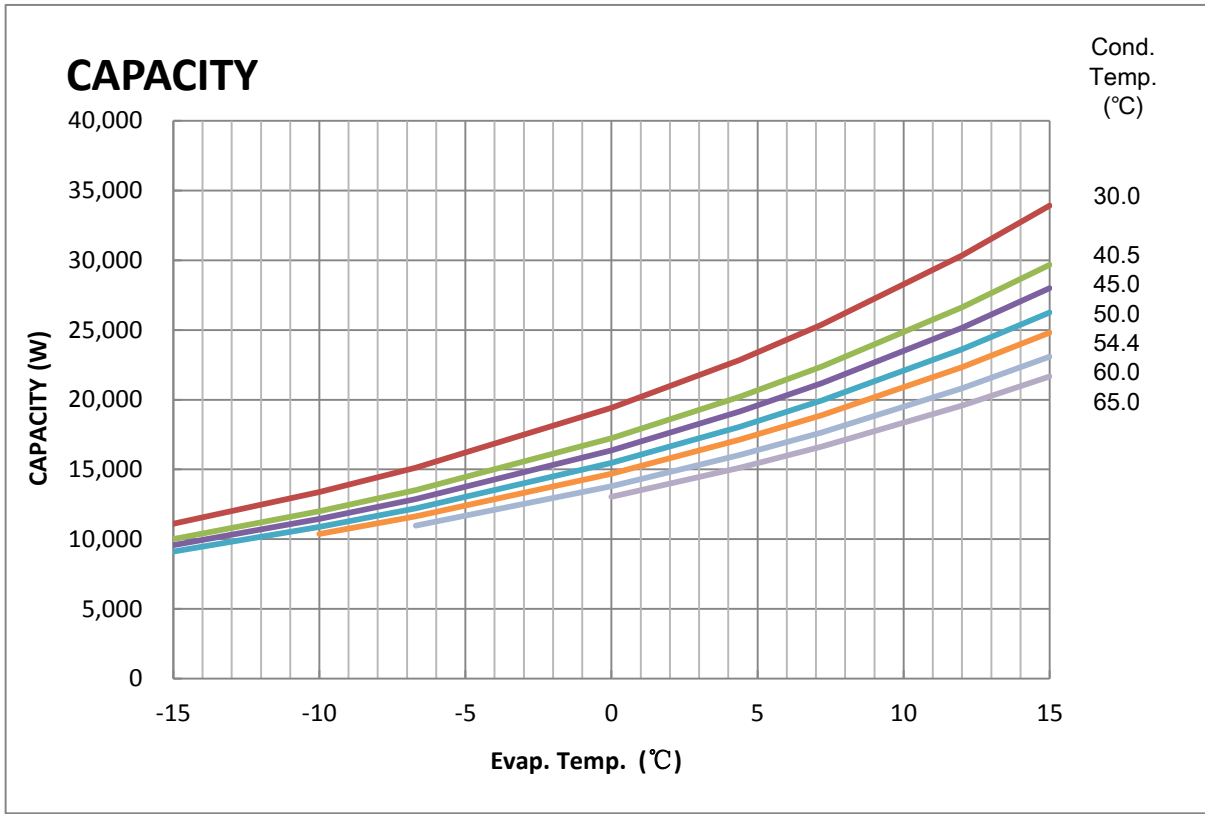
Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	12	15
30.0	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0
40.5	8.3	8.3	8.3	8.3	8.4	8.4	8.4	8.4
45.0	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1
50.0	9.8	9.8	9.8	9.8	9.9	9.9	10.0	10.0
54.4		10.6	10.6	10.6	10.7	10.7	10.8	10.8
60.0			11.7	11.7	11.8	11.8	11.9	12.0
65.0				12.8	12.8	12.9	13.0	13.1

FLOW (kg/h) @380V

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	12	15
30.0	175.4	210.9	237.3	297.9	342.8	373.6	430.2	468.1
40.5	166.7	202.5	229.0	290.1	335.4	366.4	423.4	461.6
45.0	163.1	199.0	225.6	286.8	332.2	363.3	420.5	458.8
50.0	159.2	195.1	221.8	283.2	328.8	359.9	417.3	455.8
54.4		191.8	218.5	280.0	325.7	357.0	414.6	453.1
60.0			214.4	276.1	321.9	353.3	411.1	449.7
65.0				272.6	318.6	350.0	408.0	446.8

Compressor Model(Code)
Power Source

9CB076SA04
3PH 50Hz 380-415V



COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model **9CB076SA04**
 Power Source **3PH 50Hz 380-415V**
 Suction Gas Superheat (K) **11.1**
 Sub Cooling (K) **8.3**
 Compressor Cooling **Natural Cooling**
 Refrigerant **R454B**

$$X=C1+C2*(S)+C3*D+C4*(S^2)+C5*(S*D)+C6*(D^2)+C7*(S^3)+C8*(D*S^2)+C9*(S*D^2) +C10*(D^3)$$

X—CAPACITY(W) OR POWER(W) OR CURRENT(A) OR FLOW(kg/h)

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

<u>380V-50Hz</u>	CAPACITY (W)	POWER (W)	CURRENT (A)	FLOW (kg/h)
C1	2.691706E+04	2.691420E+03	4.934356E+00	3.213280E+02
C2	1.114359E+03	4.237153E+00	7.200366E-03	9.512108E+00
C3	-2.824487E+02	-1.615554E+01	2.404986E-02	-8.089286E-01
C4	1.965657E+01	-7.458957E-01	-1.364161E-03	1.028807E-01
C5	-1.495368E+01	-6.169388E-02	-3.367698E-04	8.988694E-03
C6	1.064807E+00	1.477770E+00	1.482728E-03	9.151441E-04
C7	1.339322E-01	2.647184E-03	2.900892E-06	1.708834E-05
C8	-1.968290E-01	1.705481E-02	3.292945E-05	1.026972E-04
C9	7.053061E-02	-1.034252E-04	5.930772E-06	-3.149854E-05
C10	-8.168581E-08	-2.220663E-08	-2.355927E-11	2.985580E-11

Note:The polynomial coefficients subject to change without notice.