PERFORMANCE DATA

Compressor Model	**9CB076SA0B**
Power Source	**3PH 50Hz 380-415V**
Suction Gas Superheat(℃)	**11.1**
Sub Cooling(℃)	**8.3**
Compressor Cooling	**Natural Cooling**
Refrigerant	**R32**

CAPACITY(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	15
30.0	10,500	12,840	14,670	19,230	22,970	25,710	28,790	35,230
35.0	10,310	12,510	14,210	18,400	21,800	24,290	27,060	32,820
40.5	10,110	12,140	13,710	17,520	20,590	22,810	25,280	30,360
45.0	9,950	11,850	13,310	16,830	19,640	21,660	23,900	28,480
50.0		11,540	12,880	16,100	18,640	20,460	22,450	26,520
54.4			12,520	15,480	17,800	19,450	21,260	24,910
60.0				14,730	16,790	18,240	19,830	23,000

POWER(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	15
30.0	3,650	3,690	3,700	3,690	3,650	3,620	3,580	3,490
35.0	4,230	4,240	4,230	4,180	4,130	4,090	4,040	3,940
40.5	5,120	5,030	4,980	4,860	4,780	4,720	4,670	4,570
45.0	6,030	5,840	5,720	5,510	5,390	5,330	5,270	5,170
50.0		6,880	6,680	6,350	6,180	6,090	6,020	5,940
54.4			7,650	7,180	6,950	6,850	6,770	6,710
60.0				8,360	8,060	7,920	7,840	7,800

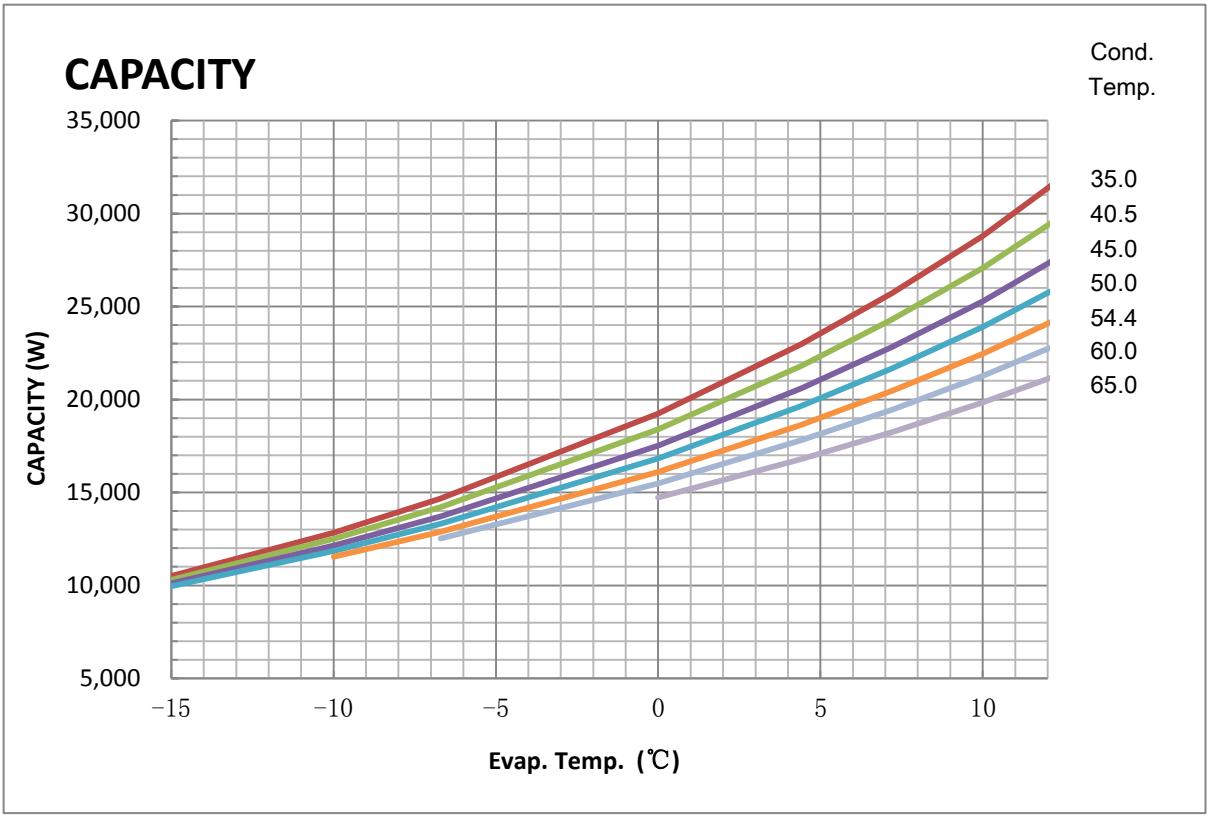
CURRENT(A) @380V

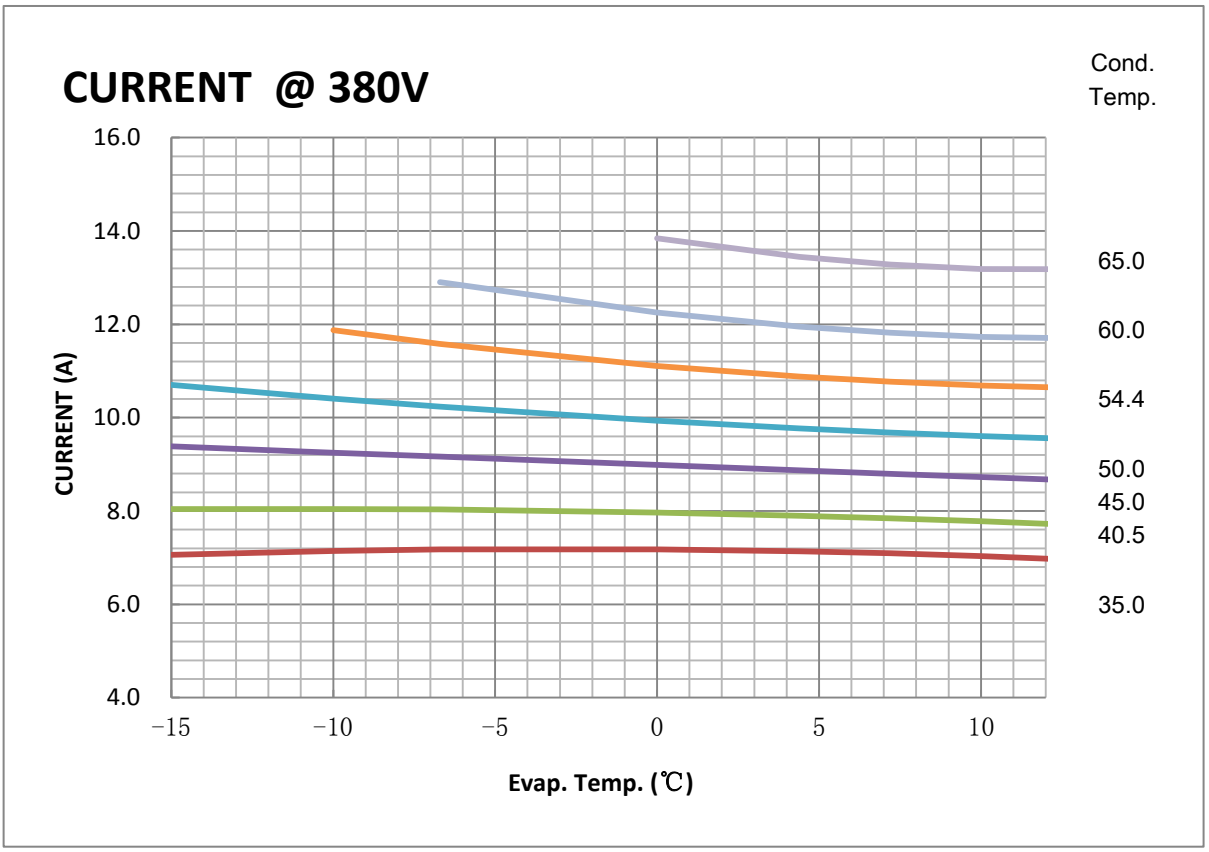
Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	15
30.0	7.1	7.1	7.2	7.2	7.1	7.1	7.0	6.9
35.0	8.0	8.0	8.0	8.0	7.9	7.8	7.8	7.6
40.5	9.4	9.3	9.2	9.0	8.9	8.8	8.7	8.6
45.0	10.7	10.4	10.2	9.9	9.8	9.7	9.6	9.5
50.0		11.9	11.6	11.1	10.9	10.8	10.7	10.6
54.4			12.9	12.2	12.0	11.8	11.7	11.7
60.0				13.8	13.4	13.3	13.2	13.2

Flow(kg/H) @380V

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	15
30.0	140	180	200	280	340	390	450	570
35.0	130	170	200	270	330	370	420	530
40.5	130	160	190	250	310	350	400	500
45.0	120	150	180	240	290	330	370	470
50.0		150	170	230	280	310	350	440
54.4			160	220	260	300	330	410
60.0				210	250	280	310	380

Compressor Model(Code)	**9CB076SA0B**
Power Source	**3PH 50Hz 380-415V**





COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model	**9CB076SA0B**
Power Source	**3PH 50Hz 380-415V**
Suction Gas Superheat (K)	**11.1**
Sub Cooling (K)	**8.3**
Compressor Cooling	**Natural Cooling**
Refrigerant	**R32**

X=C1+C2*(S)+C3*D+C4*(S2)+C5*(S*D)+C6*(D2)+C7*(S3)+C8*(D*S2)+C9*(S*D2) +C10*(D3)

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

S——EVAPORATING TEMP, °C

D——CONDENSING TEMP, °C

380V-50Hz	CAPACITY (W)	POWER (W)	CURRENT (A)	FLOW (kg/h)
C1	2.489224E+04	3.438939E+03	5.512208E+00	3.659185E+02
C2	1.353671E+03	-2.111524E+01	-4.118884E-03	2.015087E+01
C3	-2.101329E+02	-6.416690E+01	-2.640305E-02	-3.167383E+00
C4	2.728910E+01	-3.638864E+00	-5.586484E-03	5.494701E-01
C5	-2.264299E+01	1.857790E+00	1.420204E-03	-2.765188E-01
C6	6.892357E-01	2.442231E+00	2.761428E-03	8.902956E-03
C7	1.604705E-01	1.013478E-02	1.138353E-05	5.230235E-03
C8	-3.731126E-01	9.323118E-02	1.447239E-04	-7.077726E-03
C9	1.234339E-01	-4.570596E-02	-5.022942E-05	1.365387E-03
C10	-1.329188E-07	-1.132377E-07	-1.365476E-10	1.506077E-08

Note: The polynomial coefficients subject to change without notice.