PERFORMANCE DATA

Compressor Model(Code)	**C-SBN373H8A (809 950 88)**
Power Source	**3PH 50Hz 380-415V**
Suction Gas Superheat(K)	**11.1**
Sub Cooling(K)	**8.3**
Compressor Cooling	**Natural Cooling**
Refrigerant	**R404A**

CAPACITY(W)

Condensing	Evaporating Temperature(℃)							
Temperature(℃)	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	9,010	10,900	12,360	15,960	18,870	21,000	23,370	25,220
40.5	8,170	9,880	11,200	14,460	17,090	19,020	21,150	22,830
45.0	7,530	9,100	10,320	13,320	15,740	17,510	19,480	21,020
50.0	6,870	8,310	9,420	12,140	14,350	15,960	17,750	19,150
54.4		7,660	8,680	11,190	13,230	14,710	16,360	17,650
60.0			7,830	10,100	11,930	13,260	14,750	15,910
65.0				9,220	10,890	12,110	13,460	14,520

POWER(W)

Condensing	Evaporating Temperature(℃)							
Temperature(℃)	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	3,480	3,440	3,420	3,380	3,350	3,330	3,310	3,300
40.5	3,910	3,880	3,860	3,820	3,790	3,770	3,750	3,730
45.0	4,320	4,300	4,290	4,250	4,220	4,190	4,170	4,150
50.0	4,830	4,830	4,820	4,790	4,760	4,730	4,700	4,680
54.4		5,340	5,340	5,320	5,290	5,260	5,230	5,210
60.0			6,080	6,070	6,040	6,020	5,980	5,950
65.0				6,820	6,790	6,760	6,720	6,690

CURRENT(A) @380V

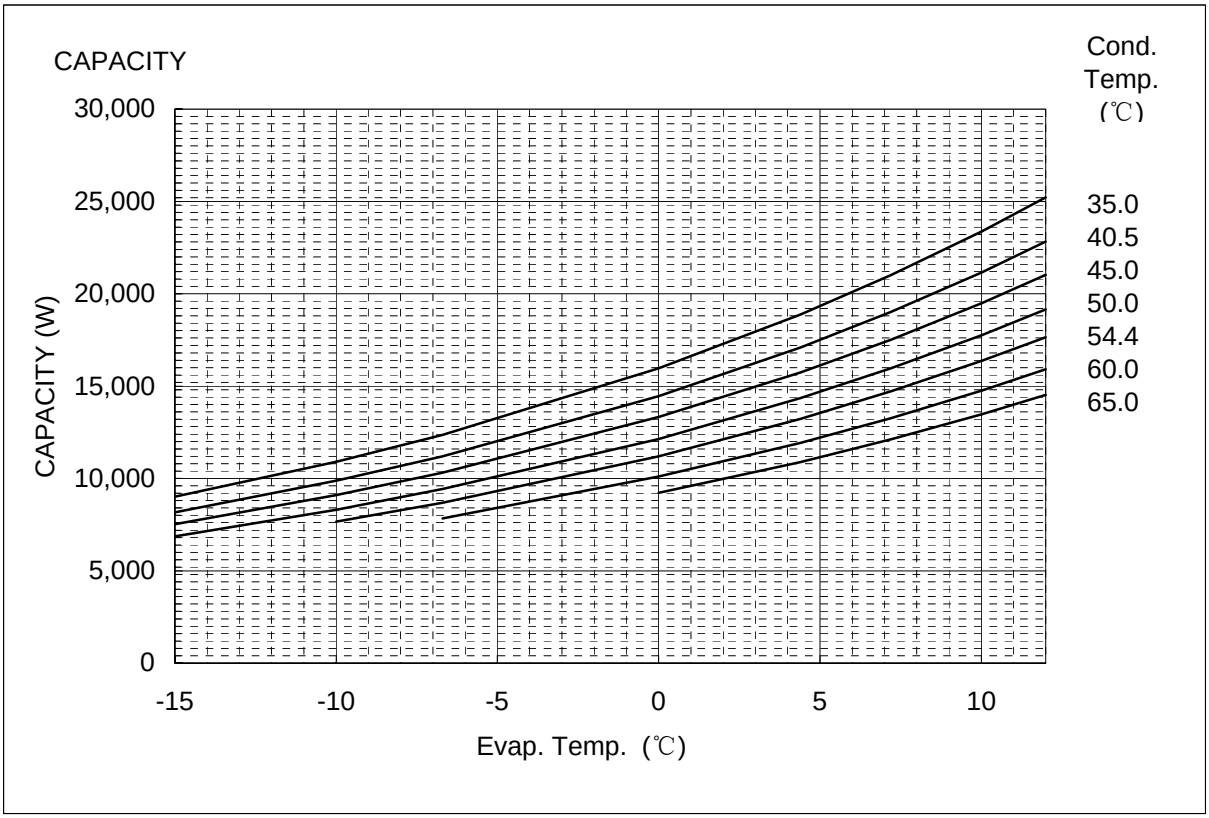
Condensing	Evaporating Temperature(℃)							
Temperature(℃)	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	6.3	6.3	6.2	6.2	6.1	6.1	6.1	6.1
40.5	7.0	7.0	6.9	6.9	6.8	6.8	6.8	6.8
45.0	7.7	7.6	7.6	7.5	7.5	7.5	7.4	7.4
50.0	8.4	8.4	8.4	8.4	8.3	8.3	8.3	8.2
54.4		9.2	9.2	9.2	9.1	9.1	9.0	9.0
60.0			10.3	10.3	10.3	10.2	10.2	10.1
65.0				11.4	11.4	11.3	11.2	11.2

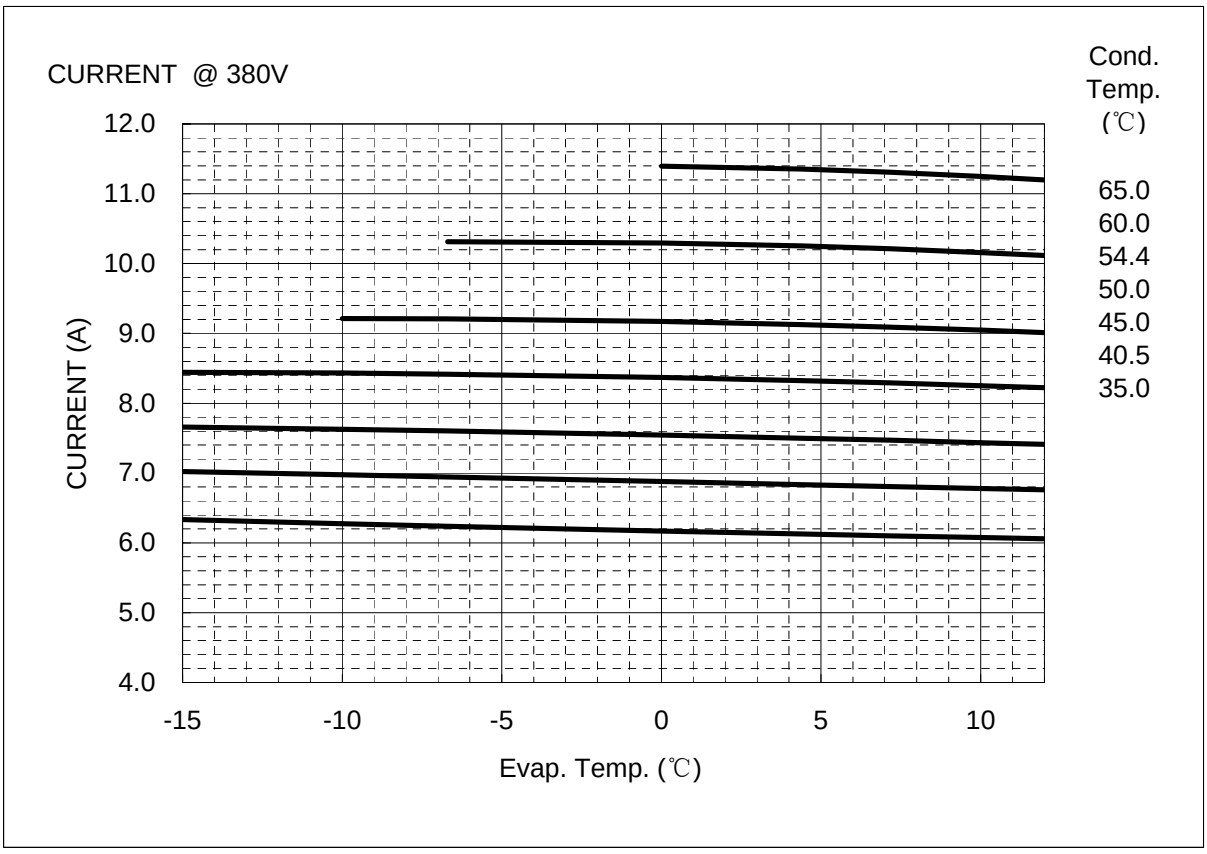
NOTE:

*** The performance values subject to change without notice.**

Compressor Model(Code) **C-SBN373H8A (809 950 88)**

Power Source **3PH 50Hz 380-415V**





COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model	**C-SBN373H8A (809 950 88)**
Power Source	**3PH 50Hz 380-415V**
Suction Gas Superheat(K)	**11.1**
Sub Cooling (K)	**8.3**
Compressor Cooling	**Natural Cooling**
Refrigerant	**R404A**

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	2.841940E+04	2.445044E+03	4.168241E+00	
C2	1.123302E+03	1.174388E+00	-6.872934E-03	
C3	-4.271126E+02	-2.088158E+01	-6.120123E-03	
C4	1.816068E+01	6.746644E-01	1.123166E-03	
C5	-1.775097E+01	-3.775896E-01	-1.767192E-04	
C6	2.029281E+00	1.355350E+00	1.804009E-03	
C7	1.217151E-01	-1.969645E-03	-1.792353E-06	
C8	-1.834705E-01	-1.845950E-02	-2.872743E-05	
C9	8.967355E-02	4.684864E-03	2.756819E-06	
C10	-1.903989E-08	6.078062E-10	3.994953E-12	

Note:The polynomial coefficients subject to change without notice.