

PERFORMANCE DATA

Compressor Model(Code)	C-SBN261H5A (809 930 45)
Power Source	1PH 50Hz 220-240V
Suction Gas Superheat(K)	9
Sub Cooling(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C

**CAPACITY(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	4,770	5,870	6,730	8,880	10,650	11,960	13,430	14,590
40.5	4,560	5,590	6,400	8,400	10,050	11,270	12,630	13,710
45.0	4,390	5,370	6,140	8,030	9,590	10,740	12,020	13,020
50.0	4,210	5,140	5,860	7,640	9,100	10,170	11,370	12,310
54.4		4,940	5,630	7,320	8,690	9,700	10,820	11,710
60.0			5,340	6,920	8,200	9,130	10,170	10,990
65.0				6,590	7,790	8,660	9,630	10,390

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	2,280	2,300	2,320	2,360	2,380	2,400	2,420	2,430
40.5	2,510	2,540	2,560	2,600	2,630	2,650	2,660	2,680
45.0	2,720	2,760	2,780	2,820	2,850	2,870	2,890	2,900
50.0	2,980	3,020	3,040	3,090	3,120	3,140	3,160	3,180
54.4		3,270	3,290	3,340	3,380	3,400	3,420	3,440
60.0			3,630	3,690	3,730	3,750	3,780	3,800
65.0				4,030	4,070	4,100	4,120	4,140

CURRENT(A)

@220V

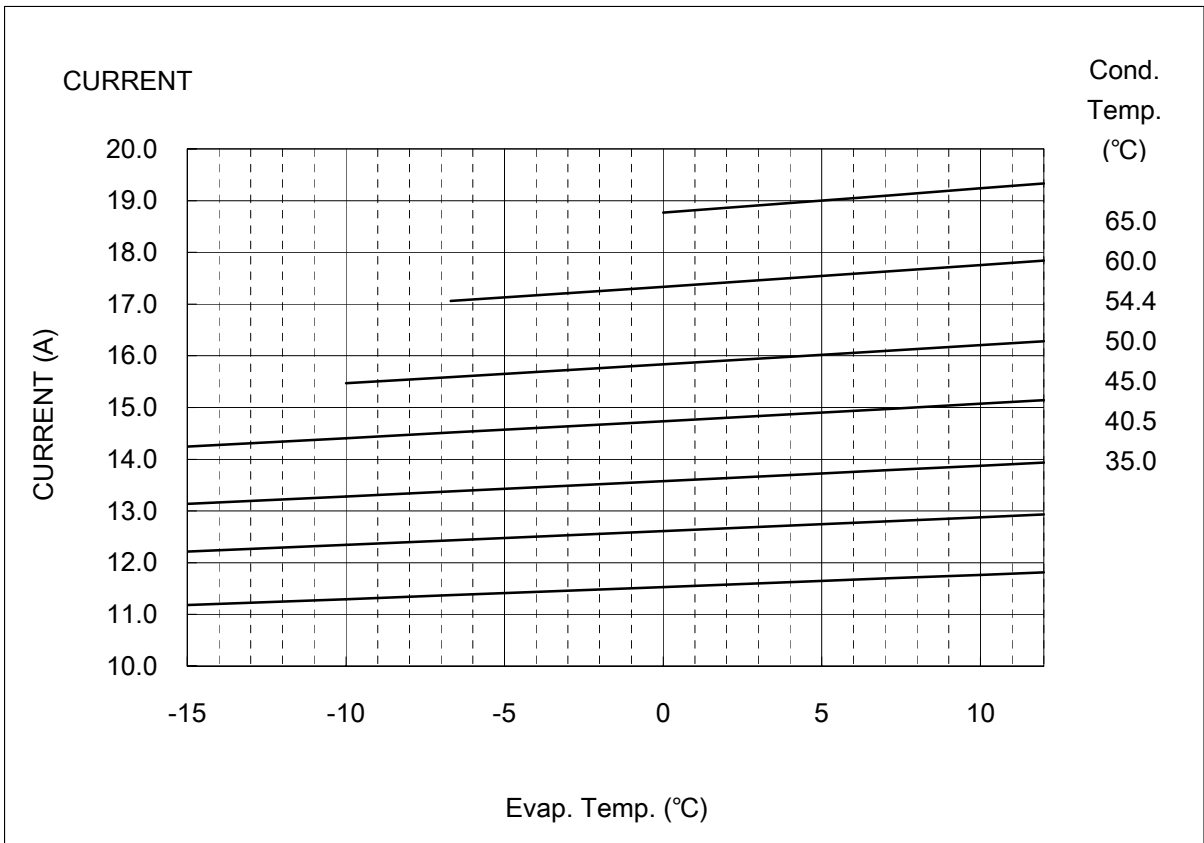
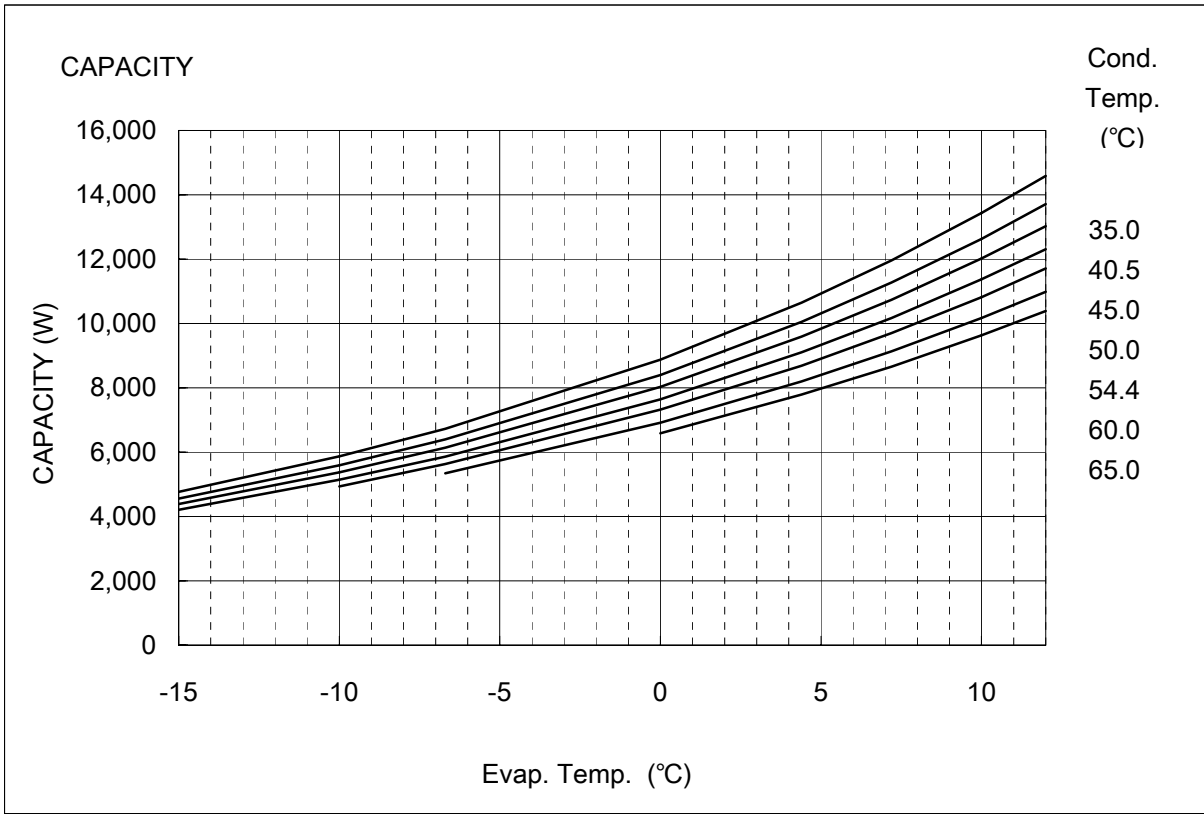
Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.8
40.5	12.2	12.3	12.4	12.6	12.7	12.8	12.9	12.9
45.0	13.1	13.3	13.4	13.6	13.7	13.8	13.9	13.9
50.0	14.2	14.4	14.5	14.7	14.9	15.0	15.1	15.1
54.4		15.5	15.6	15.8	16.0	16.1	16.2	16.3
60.0			17.1	17.3	17.5	17.6	17.8	17.8
65.0				18.8	19.0	19.1	19.2	19.3

NOTE:

- * The performance values subject to change without notice.
- * The performance values are based on MID point method.

Compressor Model(Code)
Power Source

C-SBN261H5A (809 930 45)
1PH 50Hz 220-240V



COEFFICIENTS OF PERFORMANCE CURVES



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

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

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

<u>220V-50Hz</u>	CAPACITY (W)	POWER (W)	CURRENT (A)
C1	1.247587E+04	1.461563E+03	7.261609E+00
C2	5.814647E+02	5.063280E+00	1.365404E-02
C3	-1.174337E+02	9.373816E+00	5.758369E-02
C4	1.146822E+01	7.177848E-02	-1.590929E-05
C5	-7.150388E+00	-4.519887E-02	2.967644E-05
C6	4.143596E-01	4.633126E-01	1.838232E-03
C7	8.808531E-02	1.062124E-03	6.118348E-08
C8	-1.061707E-01	-1.229587E-03	1.092620E-06
C9	3.136395E-02	1.730067E-03	7.214157E-06
C10	-1.604464E-08	-4.373370E-09	-8.369532E-12

Note:The polynomial coefficients subject to change without notice.