

PERFORMANCE DATA (Preliminary Data)

Compressor Model(Code)	C-SBS180H15A
Power Source	1PH 50Hz 220-240V
Suction Gas Superheat(K)	11.1
Sub Cooling(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R404A

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	8,130	9,770	11,040	14,120	16,600	18,400	20,400	21,960
40.5	7,630	9,170	10,370	13,280	15,630	17,340	19,230	20,710
45.0	7,230	8,710	9,850	12,630	14,880	16,510	18,320	19,730
50.0	6,820	8,220	9,300	11,940	14,080	15,630	17,350	18,700
54.4		7,810	8,840	11,370	13,410	14,900	16,550	17,840
60.0			8,300	10,690	12,620	14,020	15,590	16,810
65.0				10,120	11,950	13,290	14,780	15,950

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	3,440	3,470	3,490	3,530	3,560	3,580	3,600	3,610
40.5	3,850	3,880	3,900	3,940	3,970	3,990	4,010	4,020
45.0	4,220	4,250	4,270	4,320	4,350	4,360	4,380	4,400
50.0	4,670	4,700	4,720	4,770	4,800	4,820	4,840	4,860
54.4		5,140	5,160	5,210	5,240	5,260	5,280	5,290
60.0			5,770	5,810	5,850	5,870	5,890	5,900
65.0				6,400	6,430	6,450	6,470	6,490

CURRENT(A)

@220V

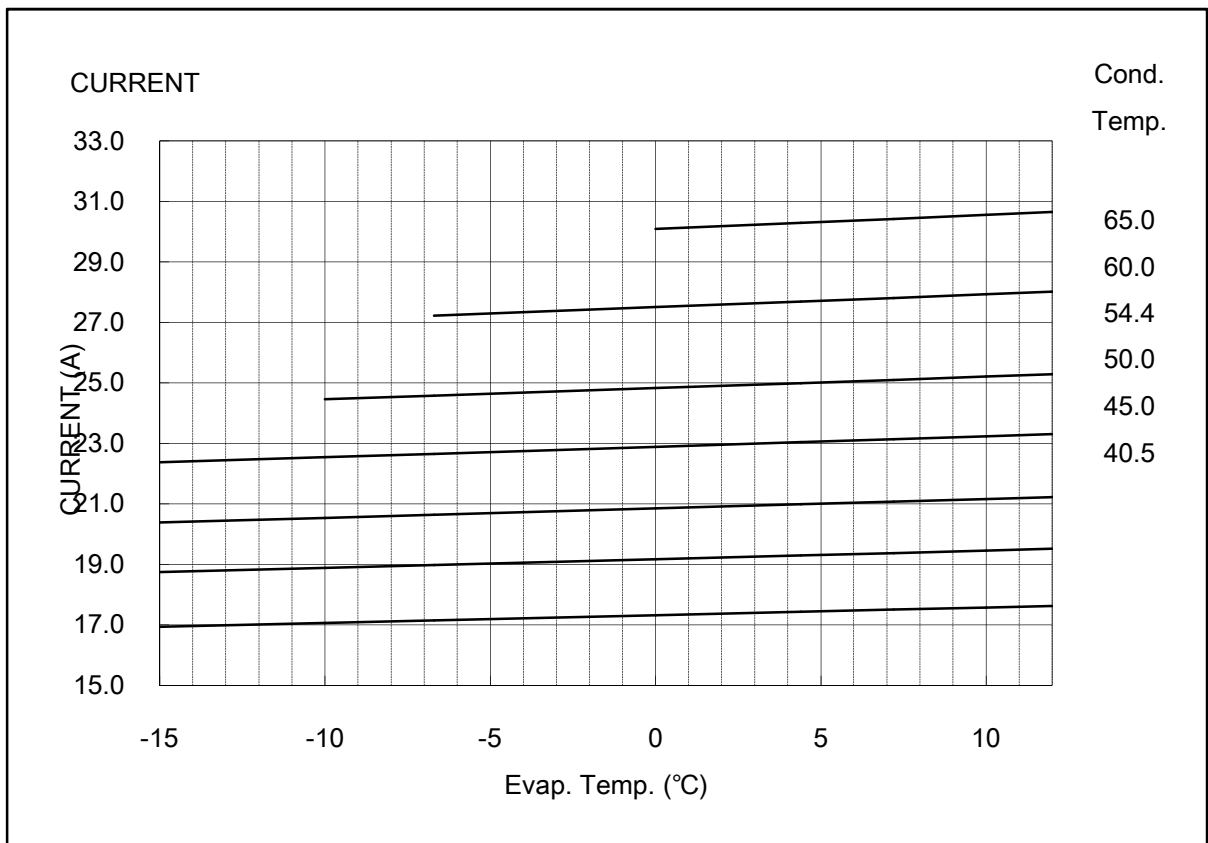
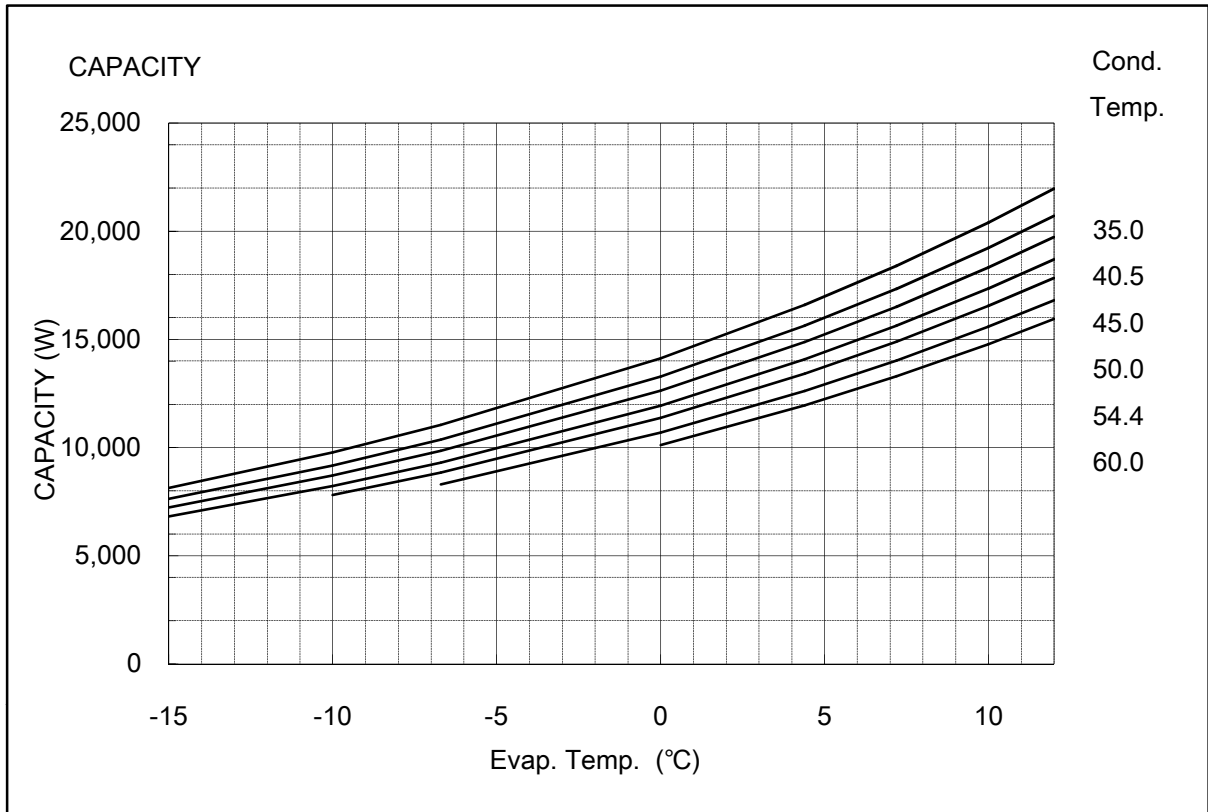
Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	16.9	17.1	17.1	17.3	17.4	17.5	17.6	17.6
40.5	18.7	18.9	19.0	19.2	19.3	19.4	19.5	19.5
45.0	20.4	20.5	20.6	20.8	21.0	21.1	21.2	21.2
50.0	22.4	22.5	22.7	22.9	23.0	23.1	23.2	23.3
54.4		24.5	24.6	24.8	25.0	25.1	25.2	25.3
60.0			27.2	27.5	27.7	27.8	27.9	28.0
65.0				30.1	30.3	30.4	30.6	30.6

NOTE:

* The performance values subject to change without notice.

Compressor Model(Code)
Power Source

C-SBS180H15A
1PH 50Hz 220-240V



COEFFICIENTS OF PERFORMANCE CURVES



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

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

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

220V-50Hz	CAPACITY (W)	POWER (W)	CURRENT (A)
C1	2.056716E+04	2.153583E+03	1.068549E+01
C2	7.426702E+02	4.641948E+00	1.562366E-02
C3	-2.117911E+02	9.126343E+00	6.200964E-02
C4	1.256573E+01	3.517056E-02	1.300677E-06
C5	-7.265327E+00	6.049717E-02	6.777764E-05
C6	7.848271E-01	8.645325E-01	3.639150E-03
C7	1.055788E-01	-5.858003E-04	3.840734E-08
C8	-8.102561E-02	-4.487799E-04	4.948383E-07
C9	2.665266E-02	-2.832657E-04	6.155618E-06
C10	5.530343E-09	2.455673E-09	-1.532602E-11

Note:The polynomial coefficients subject to change without notice.