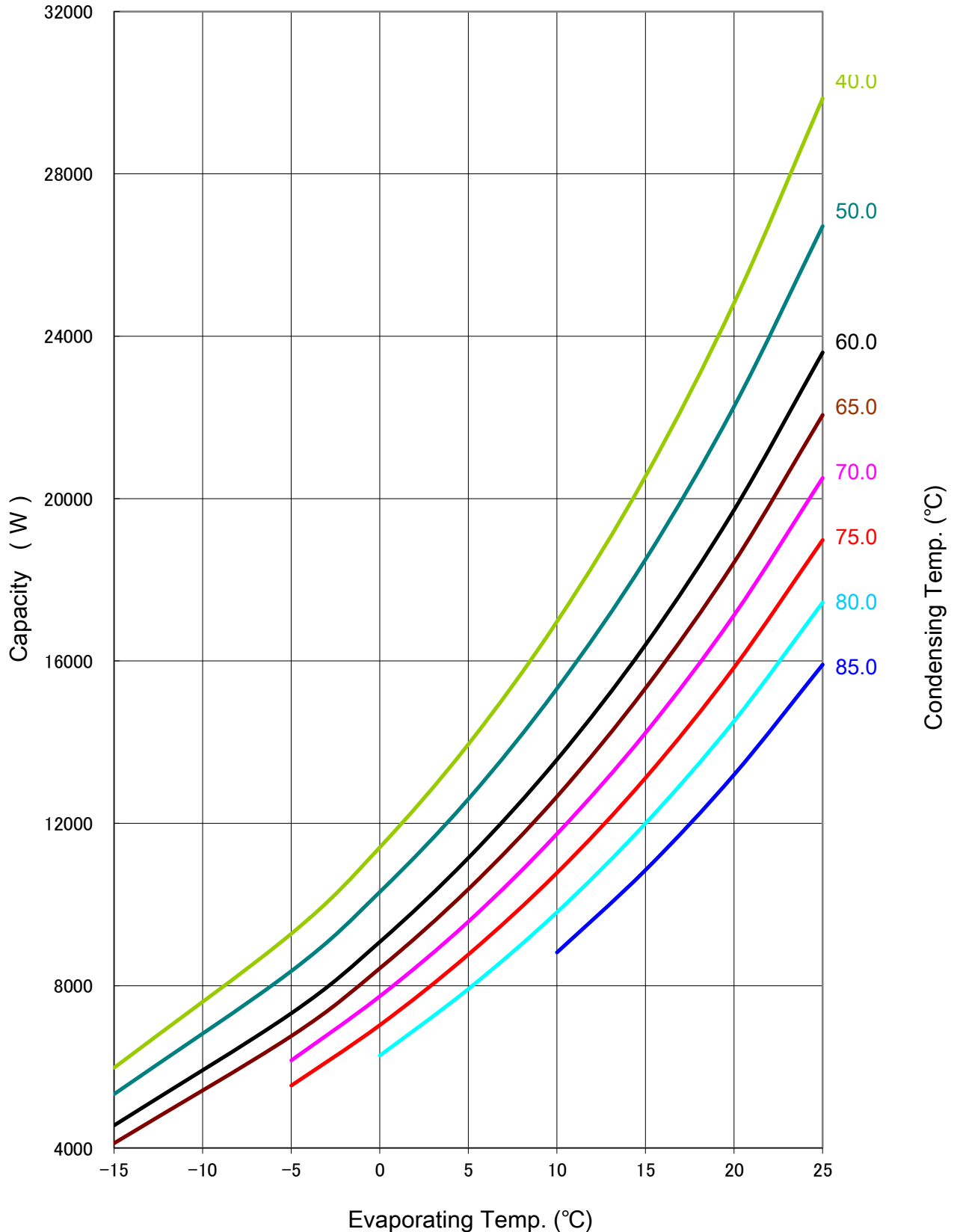


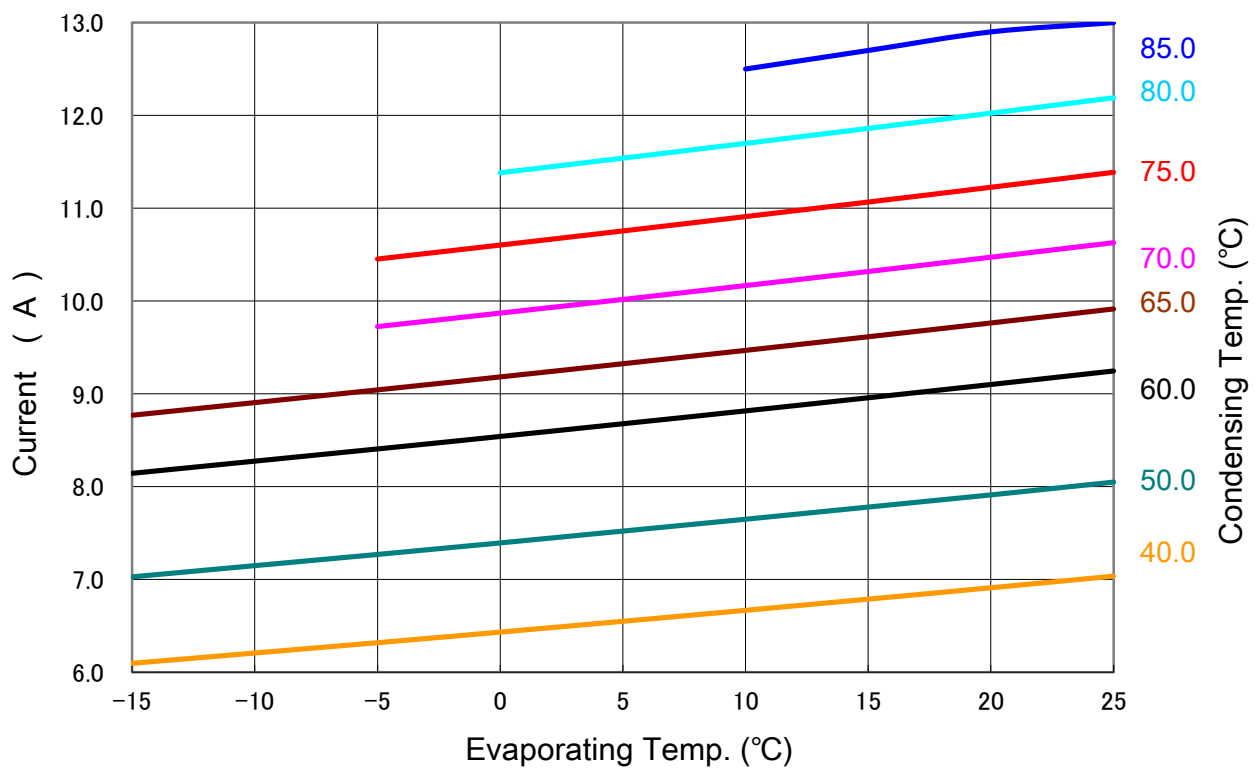
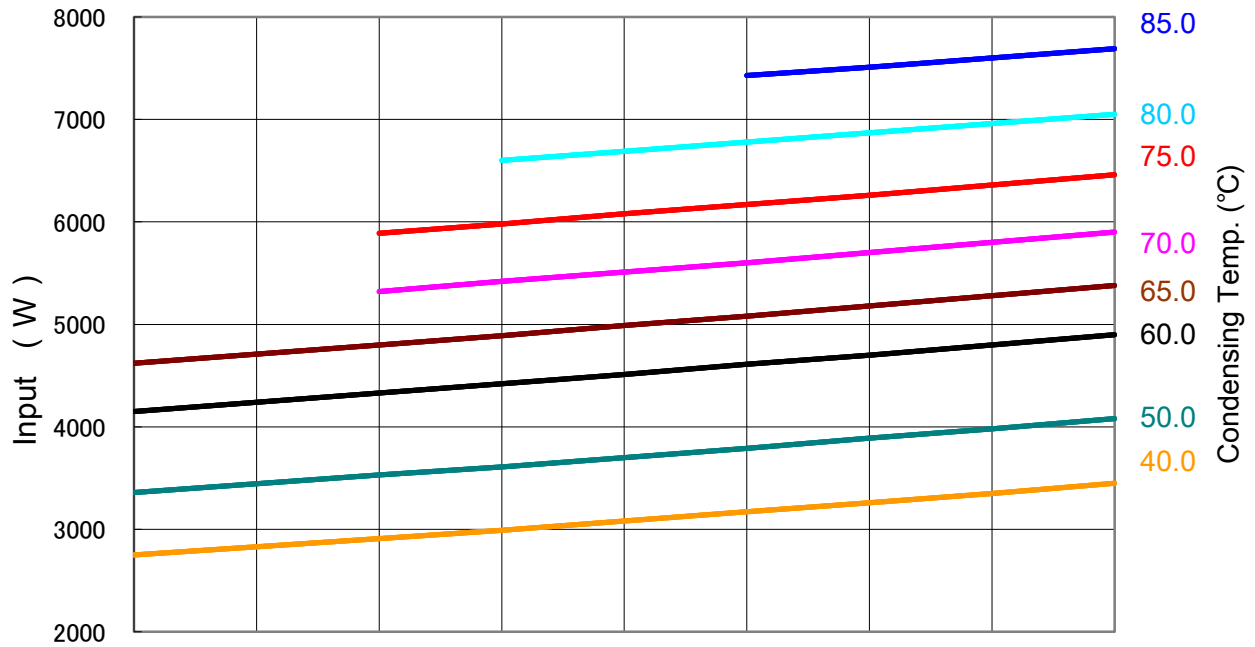
PERFORMANCE CURVE

Code No.	C-SBS235H38B
Power Source	3-PH 50Hz 380V
Condensing Temp.(°C)	40 , 50 , 60 , 65 , 70 , 75 , 80 , 85
Suction Gas Superheat(K)	11.1
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R134a



PERFORMANCE CURVE

Code No.	C-SBS235H38B
Power Source	3-PH 50Hz 380V
Condensing Temp.(°C)	40 , 50 , 60 , 65 , 70 , 75 , 80 , 85
Suction Gas Superheat(K)	11.1
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
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PERFORMANCE DATA

Code No.	C-SBS235H38B
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Suction Gas Superheat(K)	11.1
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R134a

Capacity (W)

		Evaporating Temp. (°C)							
		-15	-5	0	5	10	15	20	25
Condensing Temp. (°C)	40.0	5,980	9,280	11,410	13,950	16,970	20,550	24,820	29,860
	50.0	5,330	8,360	10,310	12,600	15,320	18,500	22,270	26,710
	60.0	4,560	7,320	9,080	11,150	13,570	16,400	19,720	23,600
	65.0	4,120	6,760	8,430	10,380	12,660	15,330	18,430	22,060
	70.0		6,160	7,740	9,580	11,740	14,230	17,130	20,510
	75.0		5,540	7,030	8,770	10,780	13,120	15,840	18,980
	80.0			6,280	7,920	9,810	12,000	14,520	17,440
	85.0					8,820	10,850	13,200	15,910

Input (W)

		Evaporating Temp. (°C)							
		-15	-5	0	5	10	15	20	25
Condensing Temp. (°C)	40.0	2,750	2,910	2,990	3,080	3,170	3,260	3,350	3,450
	50.0	3,360	3,530	3,610	3,700	3,790	3,890	3,980	4,080
	60.0	4,150	4,330	4,420	4,510	4,610	4,700	4,800	4,900
	65.0	4,620	4,800	4,890	4,990	5,080	5,180	5,280	5,380
	70.0		5,320	5,420	5,510	5,600	5,700	5,800	5,900
	75.0		5,890	5,980	6,080	6,170	6,260	6,360	6,460
	80.0			6,600	6,690	6,780	6,870	6,960	7,050
	85.0					7,430	7,510	7,600	7,690

Current (A)

		Evaporating Temp. (°C)							
		-15	-5	0	5	10	15	20	25
Condensing Temp. (°C)	40.0	6.1	6.3	6.4	6.5	6.7	6.8	6.9	7.0
	50.0	7.0	7.3	7.4	7.5	7.6	7.8	7.9	8.0
	60.0	8.1	8.4	8.5	8.7	8.8	9.0	9.1	9.2
	65.0	8.8	9.0	9.2	9.3	9.5	9.6	9.8	9.9
	70.0		9.7	9.9	10.0	10.2	10.3	10.5	10.6
	75.0		10.5	10.6	10.8	10.9	11.1	11.2	11.4
	80.0			11.4	11.5	11.7	11.9	12.0	12.2
	85.0					12.5	12.7	12.9	13.0

MassFlow (kg/H)

		Evaporating Temp. (°C)							
		-15	-5	0	5	10	15	20	25
Condensing Temp. (°C)	40.0	133	204	249	302	362	429	503	584
	50.0	137	201	244	295	353	419	493	574
	60.0	140	198	239	288	345	410	484	565
	65.0	141	196	236	284	341	406	479	560
	70.0		195	234	281	337	401	474	556
	75.0		193	231	277	333	397	470	551
	80.0			229	274	329	392	465	547
	85.0					325	388	461	543

EER (W/W)

		Evaporating Temp. (°C)							
		-15	-5	0	5	10	15	20	25
Condensing Temp. (°C)	40.0	2.17	3.19	3.82	4.53	5.35	6.30	7.41	8.66
	50.0	1.59	2.37	2.86	3.41	4.04	4.76	5.60	6.55
	60.0	1.10	1.69	2.05	2.47	2.94	3.49	4.11	4.82
	65.0	0.89	1.41	1.72	2.08	2.49	2.96	3.49	4.10
	70.0		1.16	1.43	1.74	2.10	2.50	2.95	3.48
	75.0		0.94	1.18	1.44	1.75	2.10	2.49	2.94
	80.0			0.95	1.18	1.45	1.75	2.09	2.47
	85.0					1.19	1.44	1.74	2.07

Coefficients of Polynomial Formula

	Capacity (W)	Input (W)	Current (A)	MassFlow (kg/H)
C1	1.431613E+04	2.387389E+03	4.414056E+00	2.722441E+02
C2	7.260472E+02	8.306508E+00	1.496380E-02	1.155116E+01
C3	-4.738810E+01	-2.233795E+01	1.384794E-02	-5.982476E-01
C4	1.373088E+01	8.990981E-02	3.887618E-05	9.994988E-02
C5	-7.622726E+00	2.965334E-01	1.980922E-04	-4.305666E-02
C6	-6.607413E-01	9.369904E-01	9.156110E-04	6.498195E-04
C7	8.273225E-02	3.529966E-04	7.192502E-08	-1.161038E-06
C8	-1.269943E-01	-1.011626E-03	5.937268E-08	1.024416E-03
C9	2.982895E-02	-2.158525E-03	7.350081E-08	1.360852E-05
C10	-2.403424E-08	-8.311892E-09	-4.136726E-12	-5.035814E-11

Note: The polynomial coefficients subject to change without notice.

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

X—CAPACITY(W) OR POWER(W) OR CURRENT(A)

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C