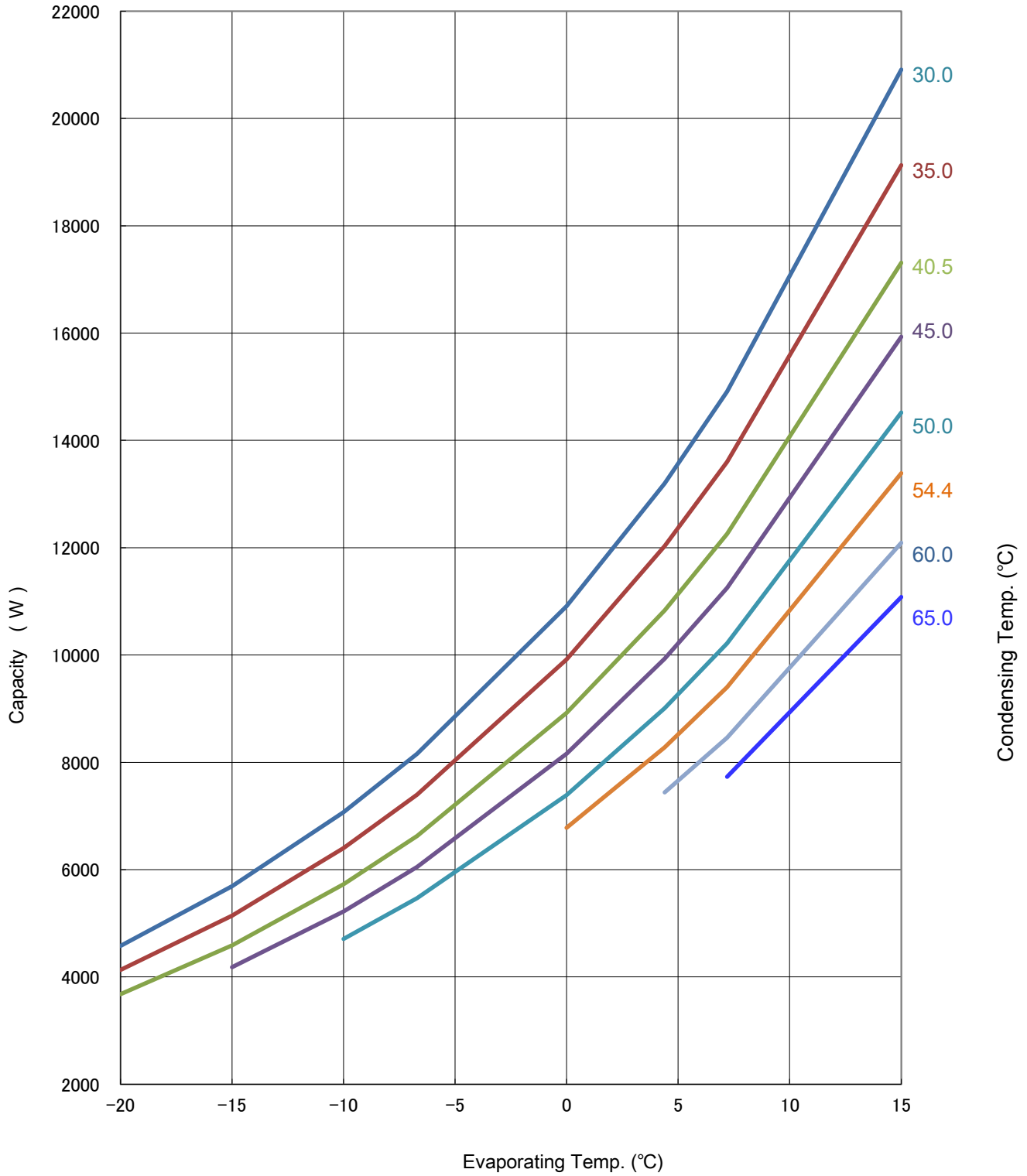


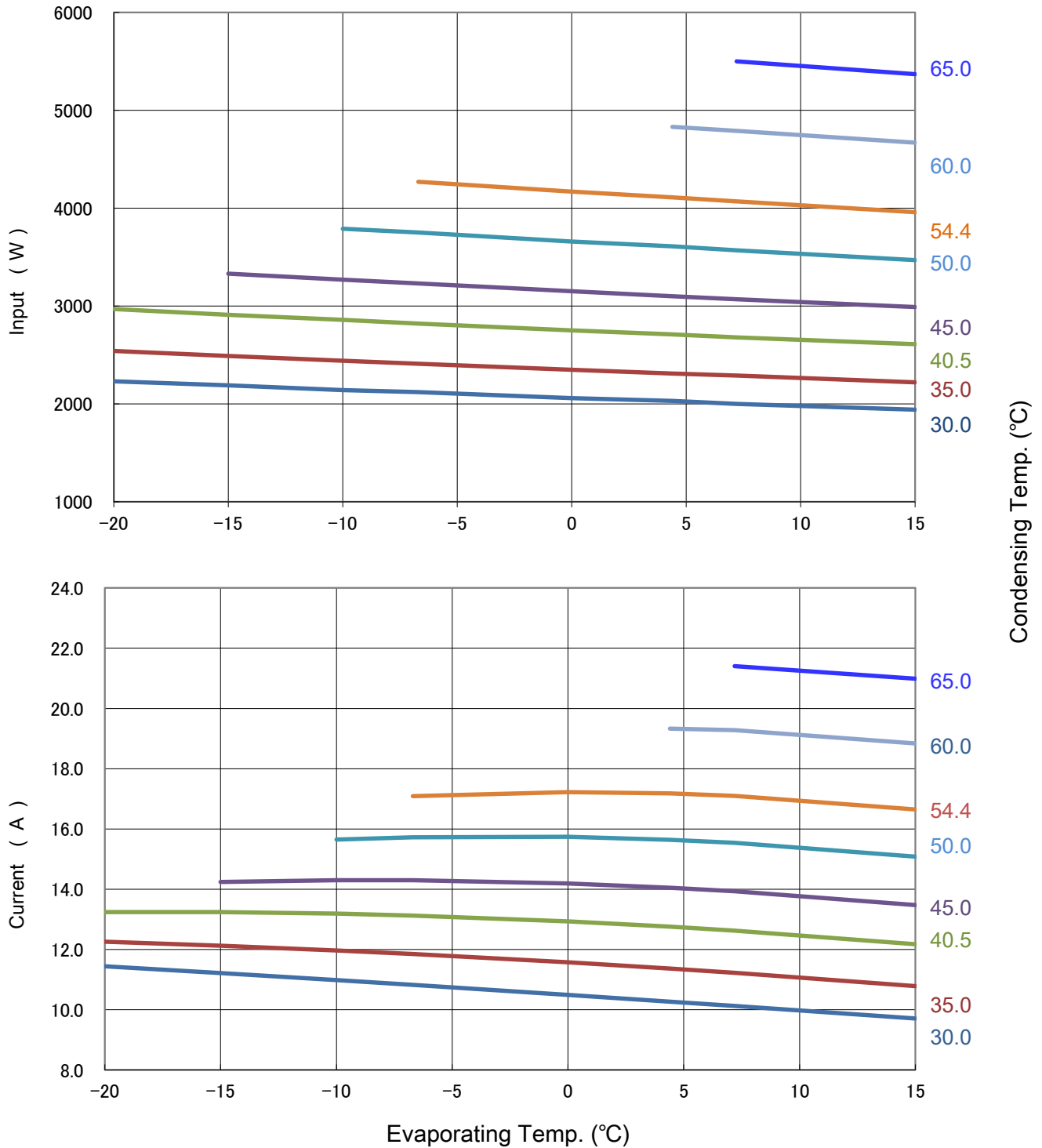
PERFORMANCE CURVE

Code No.	4CC149NA01
Power Source	Inverter 3-PH 20Hz 156V
Condensing Temp.(°C)	30、35、40.5、45、50、54.4、60、65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C



PERFORMANCE CURVE

Code No.	4CC149NA01
Power Source	Inverter 3-PH 20Hz 156V
Condensing Temp.(°C)	30, 35, 40.5, 45, 50, 54.4, 60, 65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C



PERFORMANCE DATA

Code No.	4CC149NA01
Power Source	Inverter 3-PH 20Hz 156V
Condensing Temp.(°C)	30、35、40.5、45、50、54.4、60、65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C

Capacity (W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	4,580	5,690	7,070	8,160	10,910	13,200	14,910	20,910
	35.0	4,130	5,140	6,400	7,400	9,920	12,030	13,600	19,130
	40.5	3,680	4,590	5,730	6,630	8,920	10,830	12,260	17,310
	45.0		4,180	5,220	6,050	8,160	9,930	11,250	15,930
	50.0			4,710	5,470	7,390	9,010	10,220	14,520
	54.4					6,780	8,280	9,400	13,390
	60.0						7,440	8,460	12,090
	65.0							7,730	11,080

Input (W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	2,230	2,190	2,140	2,120	2,060	2,030	2,000	1,940
	35.0	2,540	2,490	2,440	2,410	2,350	2,310	2,290	2,220
	40.5	2,970	2,910	2,860	2,820	2,750	2,710	2,680	2,610
	45.0		3,330	3,270	3,230	3,150	3,100	3,070	2,990
	50.0			3,790	3,750	3,660	3,610	3,570	3,470
	54.4				4,270	4,170	4,110	4,070	3,960
	60.0						4,830	4,790	4,670
	65.0							5,500	5,370

Current (A)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	11.4	11.2	11.0	10.8	10.5	10.3	10.1	9.7
	35.0	12.3	12.1	12.0	11.8	11.6	11.4	11.2	10.8
	40.5	13.2	13.2	13.2	13.1	12.9	12.8	12.6	12.2
	45.0		14.2	14.3	14.3	14.2	14.1	13.9	13.5
	50.0			15.6	15.7	15.7	15.6	15.5	15.1
	54.4				17.1	17.2	17.2	17.1	16.6
	60.0						19.3	19.3	18.8
	65.0							21.4	21.0

MassFlow (kg/H)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	90	110	135	154	203	242	271	372
	35.0	86	105	129	147	194	232	260	357
	40.5	81	99	122	140	184	221	248	342
	45.0		95	117	134	177	212	239	330
	50.0			111	128	169	203	228	317
	54.4				122	162	196	220	306
	60.0						186	210	292
	65.0							201	281

EER (W/W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	12
Condensing Temp. (°C)	30.0	2.05	2.60	3.30	3.85	5.30	6.50	7.46	10.78
	35.0	1.63	2.06	2.62	3.07	4.22	5.21	5.94	8.62
	40.5	1.24	1.58	2.00	2.35	3.24	4.00	4.57	6.63
	45.0		1.26	1.60	1.87	2.59	3.20	3.66	5.33
	50.0			1.24	1.46	2.02	2.50	2.86	4.18
	54.4				0.00	1.63	2.01	2.31	3.38
	60.0						1.54	1.77	2.59
	65.0							1.41	2.06

Coefficients of Polynomial Formula

	Capacity (W)	Input (W)	Current (A)	MassFlow (kg/H)
C1	1.849765E+04	1.858871E+03	7.113858E+00	2.634728E+02
C2	7.956896E+02	-6.219751E+00	-3.008329E-02	1.030985E+01
C3	-2.993719E+02	-3.725024E+01	2.160343E-02	-2.253691E+00
C4	1.477187E+01	-7.178015E-03	3.225436E-03	1.999251E-01
C5	-1.245261E+01	4.076432E-02	-2.088381E-03	-7.477430E-02
C6	1.541038E+00	1.465688E+00	3.021086E-03	7.225183E-03
C7	1.219610E-01	-2.848582E-04	-5.187127E-06	2.015359E-03
C8	-1.389114E-01	7.696024E-04	-1.079616E-04	-9.175018E-04
C9	6.349505E-02	-3.418260E-03	4.899163E-05	2.067244E-04
C10	-3.821163E-09	-8.892057E-09	1.086818E-10	8.898162E-11

Note: The polynomial coefficients subject to change without notice.

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

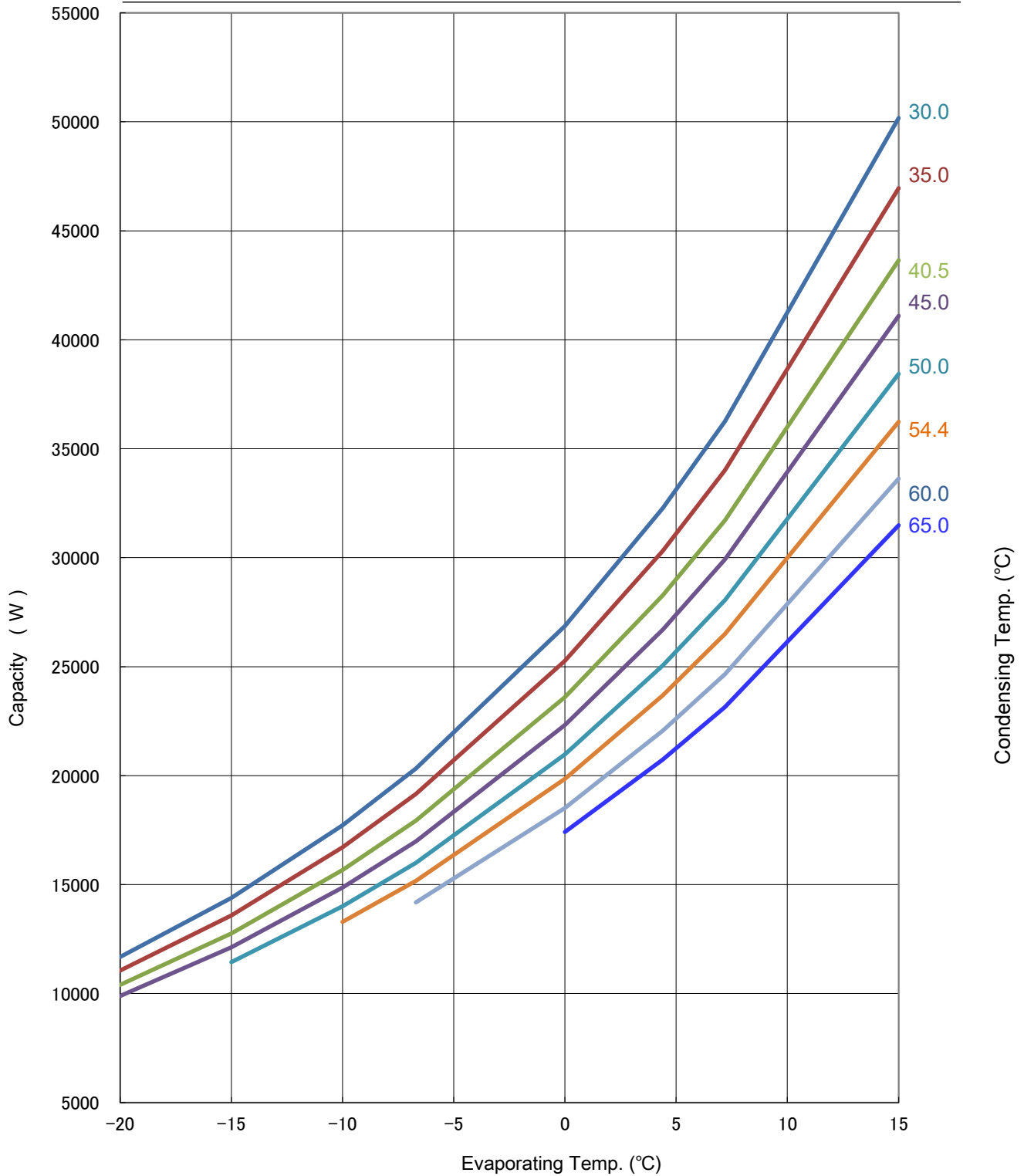
X—CAPACITY(W) OR POWER(W) OR CURRENT(A)

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

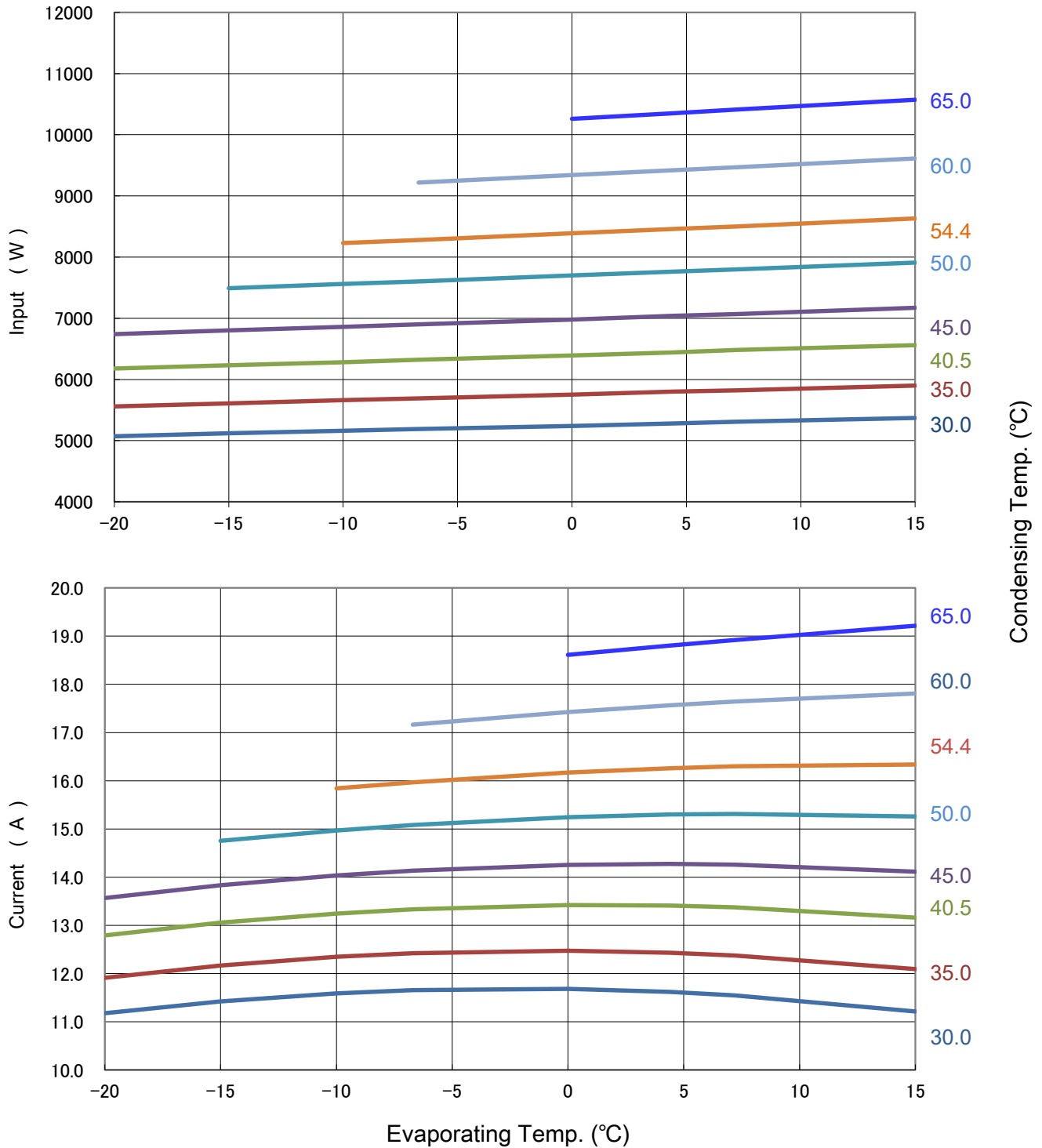
PERFORMANCE CURVE

Code No.	4CC149NA01
Power Source	Inverter 3-PH 50Hz 372V
Condensing Temp.(°C)	30、35、40.5、45、50、54.4、60、65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C



PERFORMANCE CURVE

Code No.	4CC149NA01
Power Source	Inverter 3-PH 50Hz 372V
Condensing Temp.(°C)	30, 35, 40.5, 45, 50, 54.4, 60, 65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C



PERFORMANCE DATA

Code No.	4CC149NA01
Power Source	Inverter 3-PH 50Hz 372V
Condensing Temp.(°C)	30、35、40.5、45、50、54.4、60、65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C

Capacity (W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	11,680	14,390	17,720	20,330	26,870	32,270	36,260	50,170
	35.0	11,060	13,590	16,710	19,160	25,270	30,310	34,020	46,960
	40.5	10,400	12,760	15,670	17,940	23,600	28,270	31,710	43,650
	45.0	9,890	12,120	14,860	16,990	22,320	26,700	29,920	41,100
	50.0		11,440	14,000	16,000	20,970	25,050	28,050	38,430
	54.4			13,290	15,170	19,850	23,680	26,500	36,240
	60.0				14,190	18,520	22,060	24,660	33,630
	65.0					17,420	20,730	23,150	31,490

Input (W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	5,070	5,120	5,160	5,190	5,240	5,280	5,310	5,370
	35.0	5,560	5,610	5,660	5,690	5,750	5,800	5,820	5,900
	40.5	6,180	6,230	6,280	6,320	6,390	6,440	6,480	6,560
	45.0	6,740	6,800	6,860	6,900	6,980	7,040	7,070	7,170
	50.0		7,490	7,560	7,600	7,700	7,760	7,800	7,910
	54.4			8,230	8,280	8,390	8,460	8,500	8,630
	60.0				9,220	9,340	9,420	9,470	9,610
	65.0					10,260	10,350	10,410	10,570

Current (A)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	11.2	11.4	11.6	11.7	11.7	11.6	11.5	11.2
	35.0	11.9	12.2	12.3	12.4	12.5	12.4	12.4	12.1
	40.5	12.8	13.1	13.2	13.3	13.4	13.4	13.4	13.2
	45.0	13.6	13.8	14.0	14.1	14.3	14.3	14.3	14.1
	50.0		14.8	15.0	15.1	15.2	15.3	15.3	15.3
	54.4			15.8	16.0	16.2	16.3	16.3	16.3
	60.0				17.2	17.4	17.6	17.6	17.8
	65.0					18.6	18.8	18.9	19.2

MassFlow (kg/H)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	221	269	327	373	486	579	646	880
	35.0	220	268	326	371	483	574	641	870
	40.5	220	267	325	369	479	569	635	860
	45.0	220	267	324	368	477	565	630	852
	50.0		266	322	366	473	561	625	843
	54.4			321	364	471	557	620	836
	60.0				362	467	552	614	826
	65.0					464	548	609	817

EER (W/W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	2.30	2.81	3.43	3.92	5.13	6.11	6.83	9.34
	35.0	1.99	2.42	2.95	3.37	4.39	5.23	5.85	7.96
	40.5	1.68	2.05	2.50	2.84	3.69	4.39	4.89	6.65
	45.0	1.47	1.78	2.17	2.46	3.20	3.79	4.23	5.73
	50.0		1.53	1.85	2.11	2.72	3.23	3.60	4.86
	54.4			1.61	1.83	2.37	2.80	3.12	4.20
	60.0				1.54	1.98	2.34	2.60	3.50
	65.0					1.70	2.00	2.22	2.98

Coefficients of Polynomial Formula

	Capacity (W)	Input (W)	Current (A)	MassFlow (kg/H)
C1	3.832059E+04	3.628282E+03	8.388733E+00	5.051913E+02
C2	1.734070E+03	5.558137E+00	-1.225394E-02	2.118913E+01
C3	-4.345904E+02	1.253059E+01	6.923033E-02	-6.620686E-01
C4	3.332896E+01	-3.327902E-02	-2.604631E-03	4.407744E-01
C5	-2.336338E+01	-7.013101E-03	-4.952967E-04	-6.494369E-02
C6	1.744123E+00	1.377410E+00	1.356315E-03	4.326511E-04
C7	2.575717E-01	-3.112772E-04	2.147700E-06	4.434962E-03
C8	-3.127217E-01	9.659166E-04	3.126391E-05	-1.570137E-03
C9	1.109301E-01	3.566716E-03	2.157580E-05	1.184848E-04
C10	-7.813144E-08	-1.461479E-08	-3.915676E-11	3.506924E-10

Note: The polynomial coefficients subject to change without notice.

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

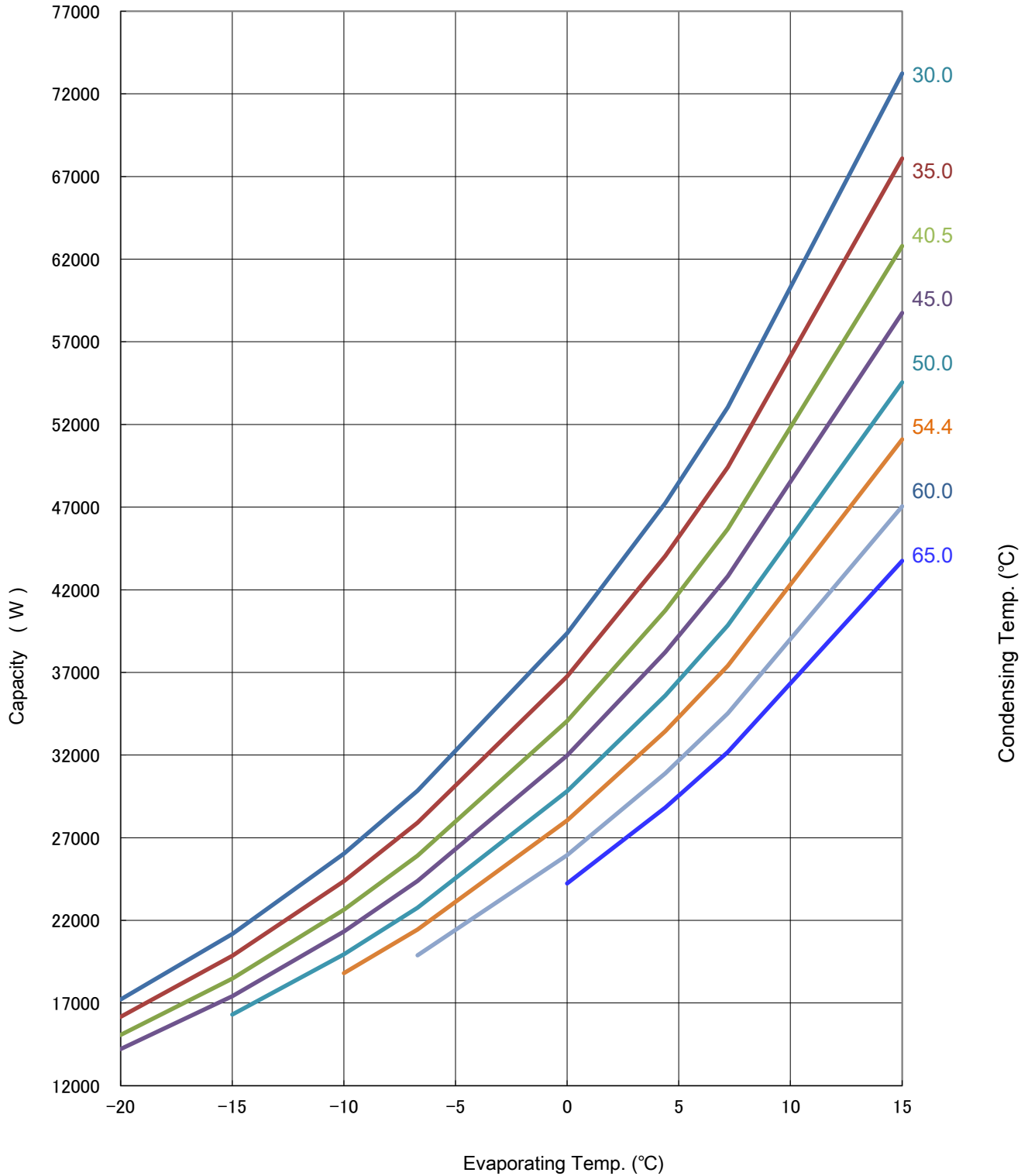
X—CAPACITY(W) OR POWER(W) OR CURRENT(A)

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

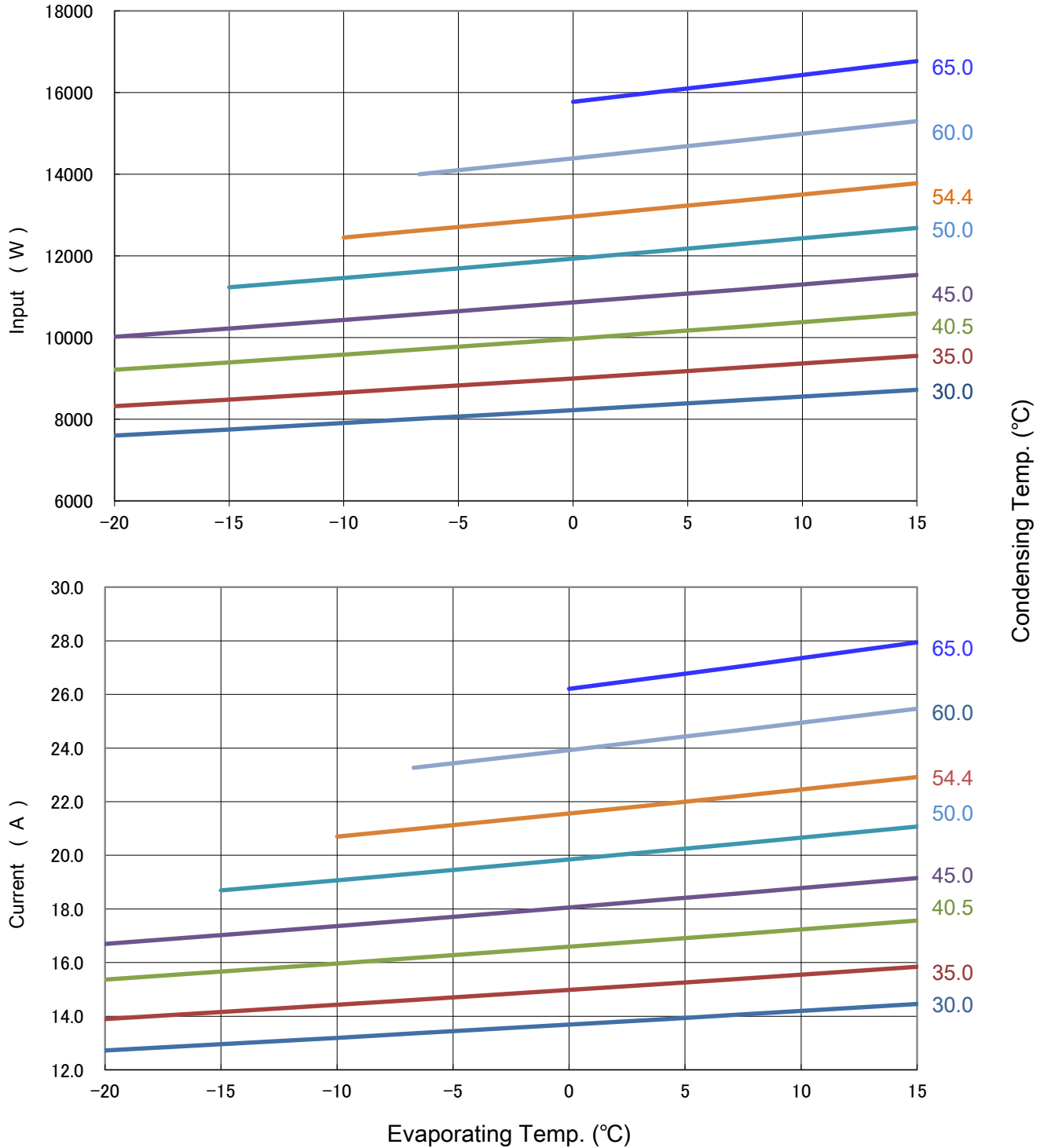
PERFORMANCE CURVE

Code No.	4CC149NA01
Power Source	Inverter 3-PH 70Hz 375V
Condensing Temp.(°C)	30、35、40.5、45、50、54.4、60、65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C



PERFORMANCE CURVE

Code No.	4CC149NA01
Power Source	Inverter 3-PH 70Hz 375V
Condensing Temp.(°C)	30、35、40.5、45、50、54.4、60、65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C



PERFORMANCE DATA

Code No.	4CC149NA01
Power Source	Inverter 3-PH 70Hz 375V
Condensing Temp.(°C)	30、35、40.5、45、50、54.4、60、65
Suction Gas Superheat(K)	9
Sub Cooled(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C

Capacity (W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	17,210	21,170	26,040	29,840	39,370	47,240	53,040	73,230
	35.0	16,160	19,850	24,370	27,910	36,760	44,050	49,420	68,090
	40.5	15,070	18,470	22,650	25,920	34,060	40,750	45,680	62,790
	45.0	14,220	17,410	21,330	24,380	31,980	38,230	42,820	58,750
	50.0		16,300	19,940	22,770	29,820	35,600	39,850	54,540
	54.4			18,800	21,450	28,040	33,440	37,400	51,090
	60.0				19,890	25,940	30,890	34,520	47,050
	65.0					24,230	28,820	32,180	43,750

Input (W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	7,600	7,750	7,910	8,010	8,220	8,370	8,460	8,720
	35.0	8,320	8,480	8,650	8,770	9,000	9,160	9,260	9,550
	40.5	9,210	9,390	9,580	9,710	9,970	10,150	10,260	10,590
	45.0	10,020	10,220	10,430	10,570	10,860	11,050	11,170	11,530
	50.0		11,230	11,460	11,610	11,930	12,150	12,290	12,680
	54.4			12,450	12,620	12,960	13,200	13,350	13,780
	60.0				14,000	14,390	14,650	14,820	15,300
	65.0					15,770	16,060	16,240	16,770

Current (A)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	12.7	13.0	13.2	13.4	13.7	13.9	14.1	14.5
	35.0	13.9	14.2	14.4	14.6	15.0	15.2	15.4	15.8
	40.5	15.4	15.7	16.0	16.2	16.6	16.9	17.1	17.6
	45.0	16.7	17.0	17.4	17.6	18.1	18.4	18.6	19.1
	50.0		18.7	19.1	19.3	19.8	20.2	20.4	21.1
	54.4			20.7	21.0	21.6	21.9	22.2	22.9
	60.0				23.3	23.9	24.4	24.7	25.5
	65.0					26.2	26.7	27.0	27.9

MassFlow (kg/H)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	334	405	491	558	722	855	953	1,287
	35.0	331	401	485	550	711	840	935	1,259
	40.5	328	397	479	542	698	824	916	1,230
	45.0	326	393	474	536	688	811	901	1,206
	50.0		389	468	529	677	797	884	1,180
	54.4			463	522	668	785	870	1,158
	60.0				515	656	770	852	1,131
	65.0					646	756	836	1,107

EER (W/W)

		Evaporating Temp. (°C)							
		-20	-15	-10	-6.7	0	4.4	7.2	15
Condensing Temp. (°C)	30.0	2.26	2.73	3.29	3.73	4.79	5.64	6.27	8.40
	35.0	1.94	2.34	2.82	3.18	4.08	4.81	5.34	7.13
	40.5	1.64	1.97	2.36	2.67	3.42	4.01	4.45	5.93
	45.0	1.42	1.70	2.05	2.31	2.94	3.46	3.83	5.10
	50.0		1.45	1.74	1.96	2.50	2.93	3.24	4.30
	54.4			1.51	1.70	2.16	2.53	2.80	3.71
	60.0				1.42	1.80	2.11	2.33	3.08
	65.0					1.54	1.79	1.98	2.61

Coefficients of Polynomial Formula

	Capacity (W)	Input (W)	Current (A)	MassFlow (kg/H)
C1	5.839292E+04	5.668962E+03	9.440806E+00	7.934072E+02
C2	2.613736E+03	2.124613E+01	3.466417E-02	3.325137E+01
C3	-7.285380E+02	2.499314E+01	4.167511E-02	-2.505920E+00
C4	4.903265E+01	-9.705118E-03	-2.754677E-05	6.641190E-01
C5	-3.771404E+01	1.112799E-01	-6.849768E-05	-1.897631E-01
C6	3.130878E+00	2.005942E+00	3.328349E-03	3.590075E-03
C7	3.680989E-01	-2.264356E-04	3.813337E-07	5.867220E-03
C8	-4.810087E-01	2.207053E-03	3.799000E-06	-3.724929E-03
C9	1.864333E-01	8.601220E-03	1.927329E-05	5.203460E-04
C10	-1.614861E-07	1.323544E-08	-1.828037E-11	3.084803E-10

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