

PERFORMANCE DATA

Compressor Model **C-SWS225H00C**
 Power Source **Inverter, 30Hz**
 Suction Gas Superheat(°C) **11.1**
 Sub Cooling(°C) **8.3**
 Compressor Cooling **Natural Cooling**
 Refrigerant **R1234yf**

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	2,840	3,440	3,910	5,070	6,000	6,690	7,450	8,050
40.5	2,570	3,130	3,570	4,650	5,530	6,180	6,900	7,470
45.0	2,360	2,890	3,300	4,330	5,170	5,780	6,470	7,020
50.0	2,150	2,650	3,030	3,990	4,790	5,370	6,030	6,540
54.4	1,990	2,450	2,810	3,720	4,470	5,030	5,660	6,150
60.0	1,790	2,220	2,550	3,400	4,110	4,630	5,220	5,690
65.0	1,630	2,030	2,340	3,140	3,810	4,300	4,860	5,310
70.0		1,860	2,160	2,910	3,540	4,010	4,540	4,960

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	960	980	990	1,010	1,030	1,040	1,050	1,060
40.5	1,100	1,110	1,130	1,150	1,160	1,170	1,180	1,190
45.0	1,230	1,250	1,260	1,280	1,290	1,300	1,310	1,310
50.0	1,410	1,420	1,430	1,440	1,460	1,460	1,470	1,480
54.4	1,580	1,590	1,600	1,610	1,620	1,620	1,630	1,630
60.0	1,830	1,830	1,840	1,840	1,850	1,850	1,860	1,860
65.0	2,080	2,080	2,080	2,080	2,080	2,080	2,080	2,080
70.0		2,350	2,340	2,330	2,330	2,330	2,320	2,320

CURRENT @380V

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1
40.5	4.3	4.3	4.4	4.4	4.5	4.5	4.5	4.5
45.0	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8
50.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2
54.4	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6
60.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
65.0	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
70.0		7.2	7.2	7.2	7.2	7.2	7.2	7.2

NOTE:

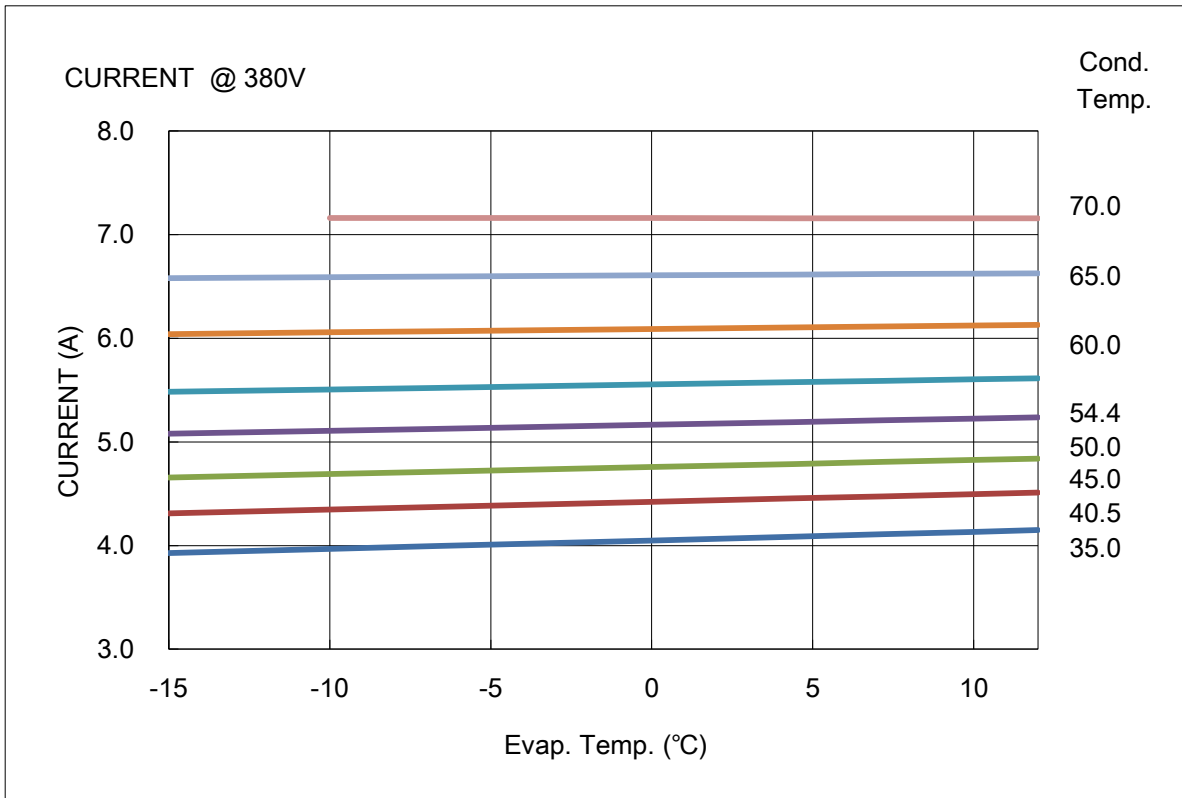
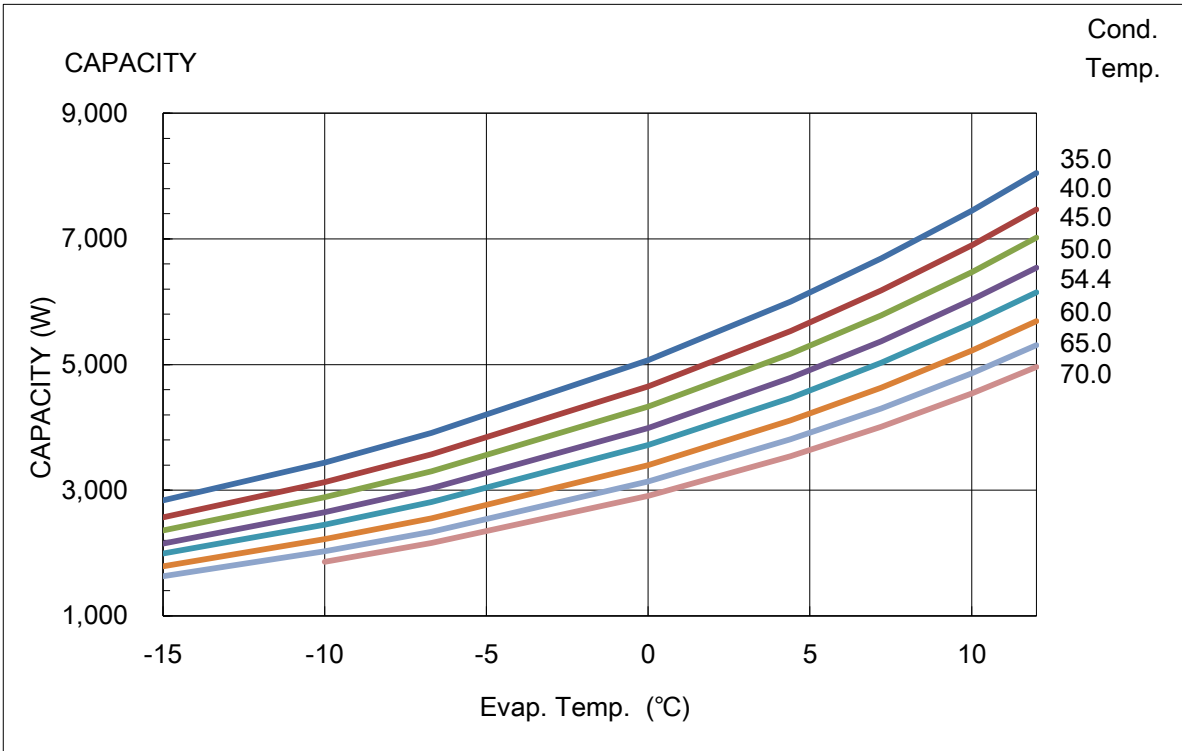
- * The performance values are based on MID point method.
- * The performance values subject to change without notice.

Compressor Model(Code)

C-SWS225H00C

Power Source

Inverter,30Hz



COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model	C-SWS225H00C
Power Source	Inverter, 30Hz
Suction Gas Superheat (K)	11.1
Sub Cooling (K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R1234yf

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

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

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

<u>30Hz</u>	CAPACITY (W)	POWER (W)	CURRENT (A)
C1	8.424532E+03	8.029495E+02	2.711640E+00
C2	2.857506E+02	7.175840E-01	6.708360E-03
C3	-1.130599E+02	-9.873787E+00	1.292433E-02
C4	4.681841E+00	6.008207E-03	1.919986E-05
C5	-2.876978E+00	1.814046E-01	1.813348E-04
C6	4.882363E-01	4.538887E-01	7.232216E-04
C7	4.289804E-02	1.352613E-03	3.514523E-08
C8	-2.459197E-02	1.596805E-04	-3.011523E-07
C9	9.092065E-03	-2.970844E-03	-3.974606E-06
C10	-1.406654E-09	1.984207E-09	2.392428E-12

Note: The polynomial coefficients subject to change without notice.

PERFORMANCE DATA

Compressor Model **C-SWS225H00C**
 Power Source **Inverter, 60Hz**
 Suction Gas Superheat(°C) **11.1**
 Sub Cooling(°C) **8.3**
 Compressor Cooling **Natural Cooling**
 Refrigerant **R1234yf**

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	5,690	6,890	7,820	10,110	11,960	13,320	14,830	16,010
40.5	5,160	6,280	7,150	9,300	11,050	12,340	13,770	14,900
45.0	4,750	5,810	6,630	8,680	10,350	11,580	12,960	14,040
50.0	4,340	5,330	6,100	8,030	9,620	10,790	12,100	13,130
54.4	4,010	4,940	5,670	7,500	9,010	10,130	11,390	12,380
60.0	3,620	4,480	5,160	6,880	8,300	9,350	10,540	11,480
65.0	3,310	4,120	4,750	6,370	7,720	8,720	9,850	10,750
70.0		3,780	4,380	5,910	7,180	8,140	9,220	10,080

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	2,080	2,130	2,170	2,240	2,290	2,330	2,360	2,390
40.5	2,310	2,360	2,400	2,470	2,520	2,560	2,590	2,610
45.0	2,520	2,570	2,610	2,680	2,730	2,770	2,800	2,820
50.0	2,780	2,830	2,870	2,940	2,990	3,020	3,060	3,080
54.4	3,030	3,080	3,110	3,190	3,240	3,270	3,300	3,320
60.0	3,380	3,430	3,460	3,530	3,580	3,610	3,640	3,660
65.0	3,720	3,770	3,800	3,870	3,910	3,940	3,970	3,990
70.0		4,140	4,170	4,230	4,270	4,290	4,320	4,340

CURRENT @380V

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	4.2	4.3	4.4	4.5	4.5	4.6	4.6	4.7
40.5	4.6	4.7	4.7	4.8	4.9	5.0	5.0	5.0
45.0	4.9	5.0	5.1	5.2	5.2	5.3	5.3	5.4
50.0	5.3	5.4	5.4	5.6	5.6	5.7	5.7	5.8
54.4	5.7	5.8	5.8	5.9	6.0	6.0	6.1	6.1
60.0	6.2	6.3	6.3	6.4	6.5	6.5	6.6	6.6
65.0	6.7	6.7	6.8	6.9	7.0	7.0	7.1	7.1
70.0		7.2	7.3	7.4	7.4	7.5	7.5	7.6

NOTE:

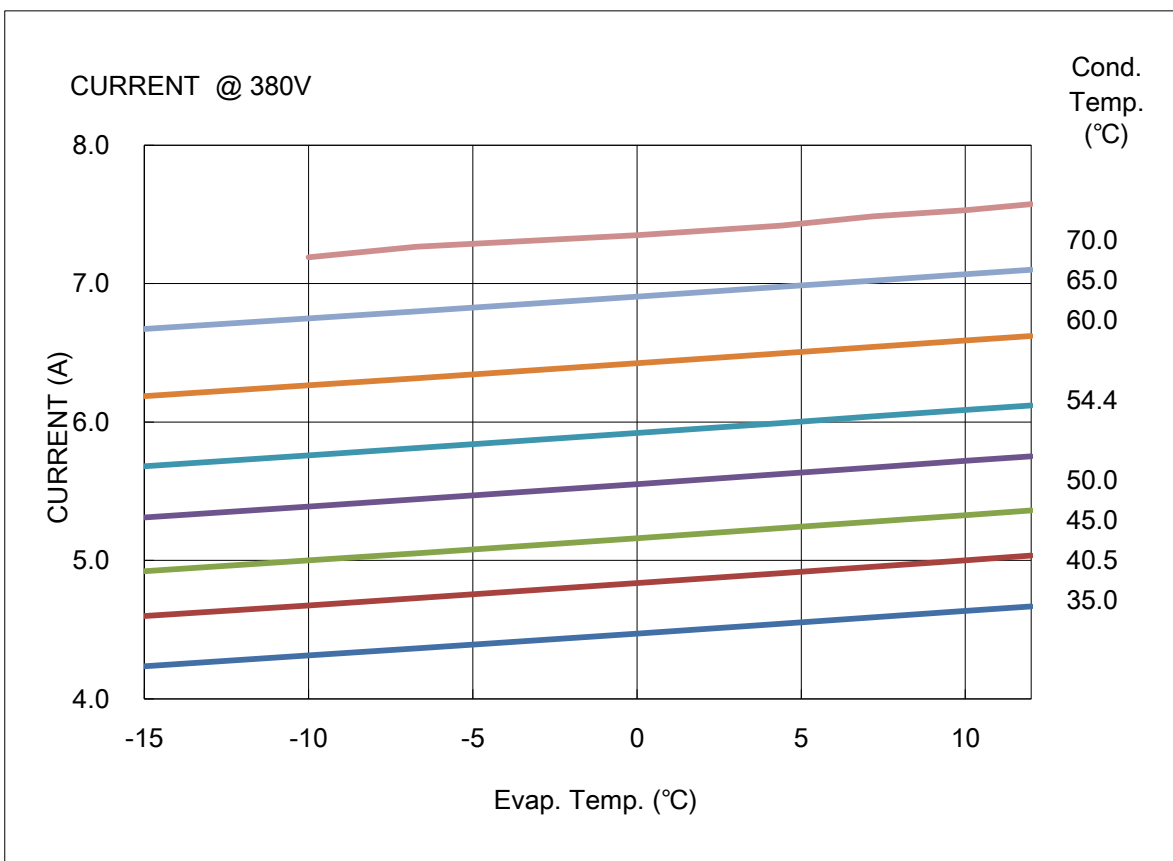
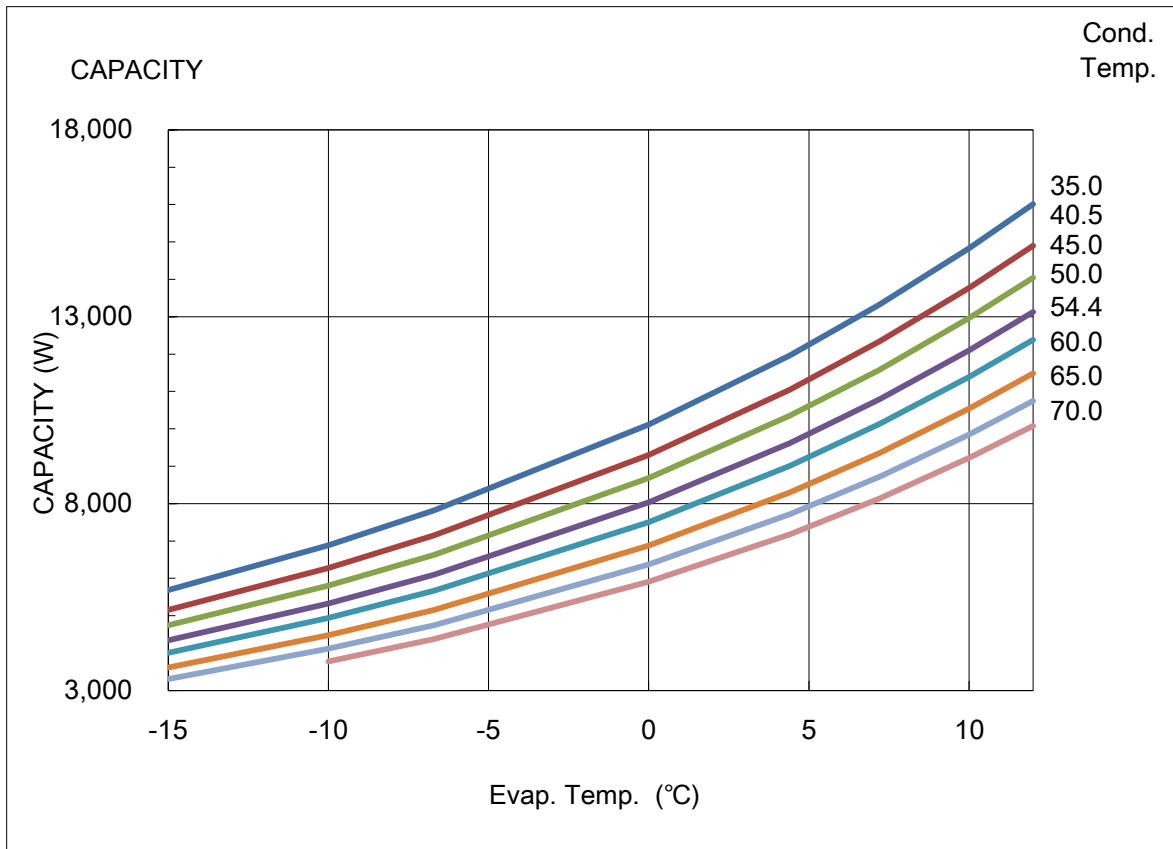
- * The performance values are based on MID point method.
- * The performance values subject to change without notice.

Compressor Model(Code)

C-SWS225H00C

Power Source

Inverter, 60Hz



COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model **C-SWS225H00C**
 Power Source **Inverter, 60Hz**
 Suction Gas Superheat (K) **11.1**
 Sub Cooling (K) **8.3**
 Compressor Cooling **Natural Cooling**
 Refrigerant **R1234yf**

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

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

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

<u>60Hz</u>	CAPACITY (W)	POWER (W)	CURRENT (A)
C1	1.657938E+04	1.499528E+03	3.014464E+00
C2	5.515984E+02	8.133913E+00	1.204578E-02
C3	-2.174054E+02	3.424560E+00	2.034103E-02
C4	9.120480E+00	1.043782E-01	4.293796E-05
C5	-5.187885E+00	1.725179E-01	1.803042E-04
C6	9.271481E-01	5.075693E-01	6.081806E-04
C7	8.551323E-02	4.456155E-04	4.225784E-08
C8	-4.481779E-02	-1.229677E-03	-3.735786E-07
C9	1.500485E-02	-2.206684E-03	-1.855433E-06
C10	7.075915E-09	4.405933E-09	1.425521E-12

Note: The polynomial coefficients subject to change without notice.

PERFORMANCE DATA

Compressor Model	C-SWS225H00C
Power Source	Inverter , 90Hz
Suction Gas Superheat(°C)	11.1
Sub Cooling(°C)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R1234yf

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	7,970	9,730	11,100	14,490	17,260	19,300	21,580	23,360
40.5	7,320	8,940	10,210	13,350	15,930	17,820	19,930	21,600
45.0	6,820	8,340	9,520	12,480	14,900	16,680	18,670	20,240
50.0	6,290	7,710	8,810	11,560	13,820	15,490	17,350	18,810
54.4	5,870	7,190	8,230	10,820	12,940	14,500	16,260	17,640
60.0	5,370	6,590	7,550	9,930	11,900	13,350	14,970	16,250
65.0	4,960	6,100	6,990	9,210	11,050	12,400	13,920	15,120
70.0		5,650	6,480	8,560	10,270	11,540	12,960	14,090

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	3,490	3,610	3,680	3,840	3,950	4,020	4,090	4,140
40.5	3,830	3,940	4,020	4,180	4,290	4,370	4,440	4,490
45.0	4,130	4,240	4,320	4,490	4,600	4,680	4,750	4,810
50.0	4,490	4,610	4,690	4,860	4,980	5,050	5,130	5,180
54.4	4,840	4,960	5,050	5,220	5,330	5,410	5,490	5,540
60.0	5,320	5,450	5,530	5,700	5,820	5,900	5,970	6,030
65.0	5,790	5,910	6,000	6,170	6,290	6,370	6,440	6,500
70.0		6,420	6,500	6,670	6,790	6,860	6,940	6,990

CURRENT @380V

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	5.9	6.1	6.2	6.5	6.6	6.7	6.8	6.9
40.5	6.4	6.6	6.7	7.0	7.2	7.3	7.4	7.5
45.0	6.9	7.1	7.2	7.5	7.7	7.8	7.9	8.0
50.0	7.5	7.7	7.9	8.1	8.3	8.4	8.6	8.6
54.4	8.1	8.3	8.4	8.7	8.9	9.0	9.1	9.2
60.0	8.9	9.1	9.2	9.5	9.7	9.8	9.9	10.0
65.0	9.6	9.8	10.0	10.3	10.5	10.6	10.7	10.8
70.0		10.6	10.8	11.1	11.3	11.4	11.5	11.6

NOTE:

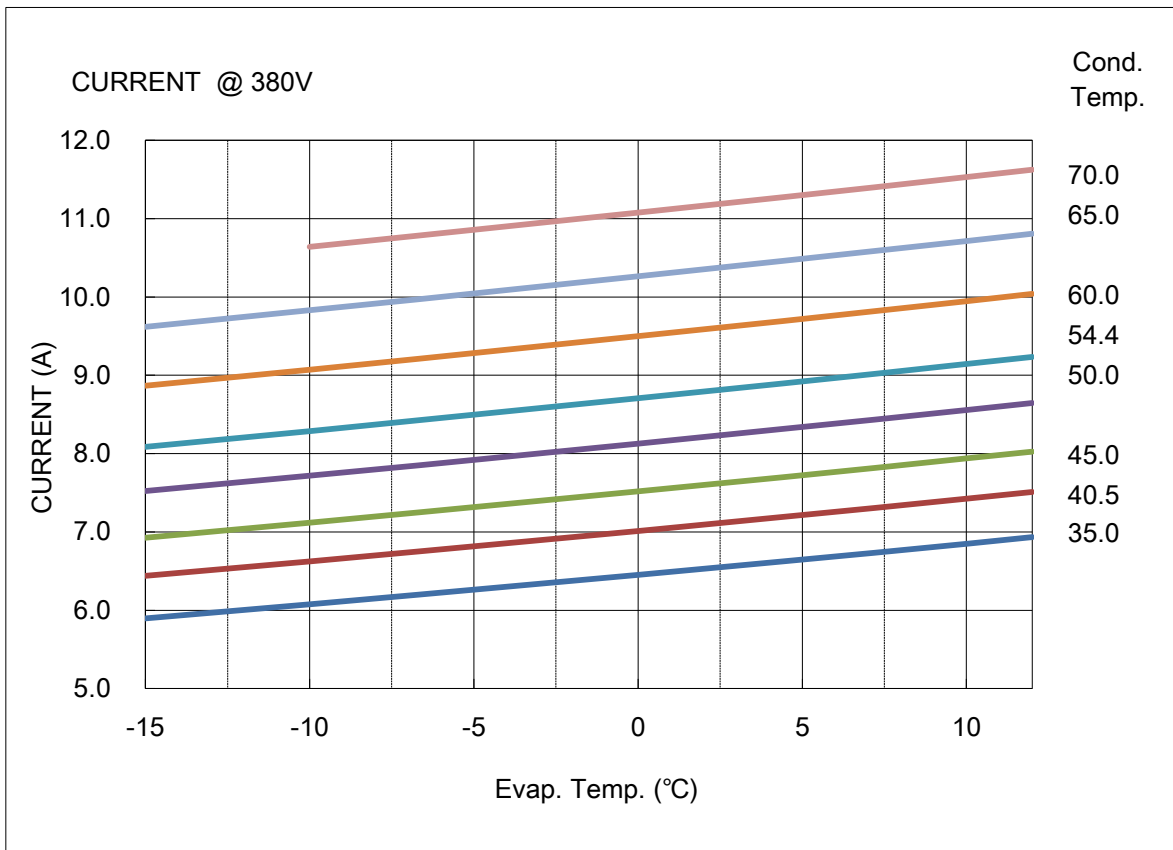
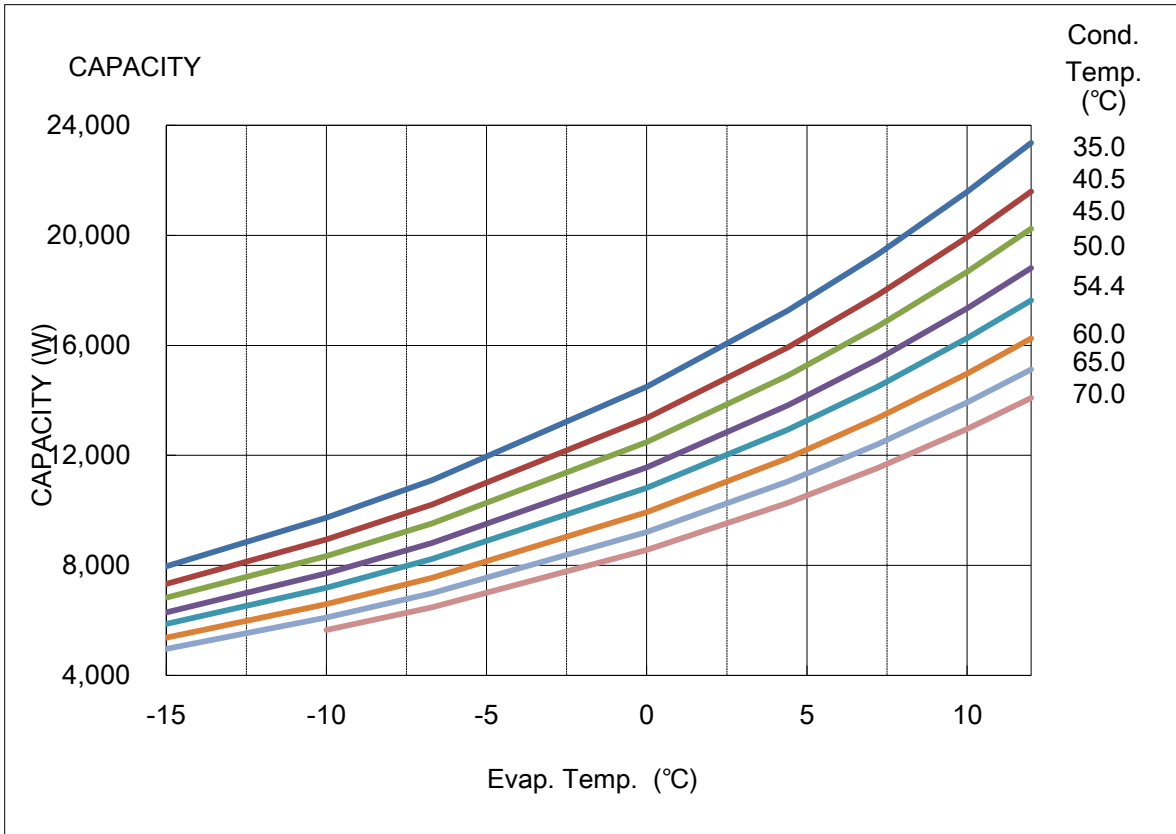
- * The performance values are based on MID point method.
- * The performance values subject to change without notice.

Compressor Model(Code)

C-SWS225H00C

Power Source

Inverter , 90Hz



COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model	C-SWS225H00C
Power Source	Inverter , 90Hz
Suction Gas Superheat (K)	11.1
Sub Cooling (K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R1234yf

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

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

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

<u>90Hz</u>	CAPACITY (W)	POWER (W)	CURRENT (A)
C1	2.369384E+04	2.568200E+03	4.320530E+00
C2	9.114149E+02	1.633797E+01	2.729975E-02
C3	-3.095002E+02	1.404737E+01	2.519343E-02
C4	1.559807E+01	1.067601E-01	1.430407E-04
C5	-1.093196E+01	3.082119E-01	3.999016E-04
C6	1.333693E+00	6.367974E-01	1.018884E-03
C7	1.234086E-01	-3.878123E-04	2.202769E-07
C8	-1.157616E-01	-6.961502E-04	-7.049120E-07
C9	4.193354E-02	-2.330526E-03	-2.128277E-06
C10	7.140646E-09	3.222706E-09	6.155475E-12

Note: The polynomial coefficients subject to change without notice.