PERFORMANCE DATA

Compressor Model	**C-SBS180H38C**
Power Source	**3PH 50Hz 380V**
Suction Gas Superheat(K)	**11.1**
Sub Cooling(K)	**8.3**
Compressor Cooling	**Natural Cooling**
Refrigerant	**R134a**

CAPACITY(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	4,800	5,960	6,880	9,190	11,130	12,560	14,190	15,470
40.5	4,530	5,610	6,470	8,640	10,440	11,780	13,290	14,480
45.0	4,310	5,340	6,160	8,200	9,910	11,170	12,590	13,720
50.0	4,090	5,060	5,820	7,740	9,340	10,530	11,860	12,920
54.4		4,820	5,540	7,360	8,870	9,990	11,250	12,250
60.0			5,210	6,900	8,310	9,350	10,520	11,440
65.0				6,520	7,840	8,810	9,910	10,780

POWER(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	1,970	2,010	2,040	2,070	2,080	2,080	2,080	2,080
40.5	2,180	2,230	2,260	2,290	2,310	2,310	2,320	2,320
45.0	2,380	2,430	2,460	2,500	2,520	2,530	2,530	2,530
50.0	2,630	2,680	2,710	2,760	2,780	2,790	2,800	2,800
54.4		2,920	2,950	3,010	3,030	3,050	3,050	3,060
60.0			3,290	3,350	3,380	3,400	3,410	3,420
65.0				3,690	3,730	3,750	3,770	3,780

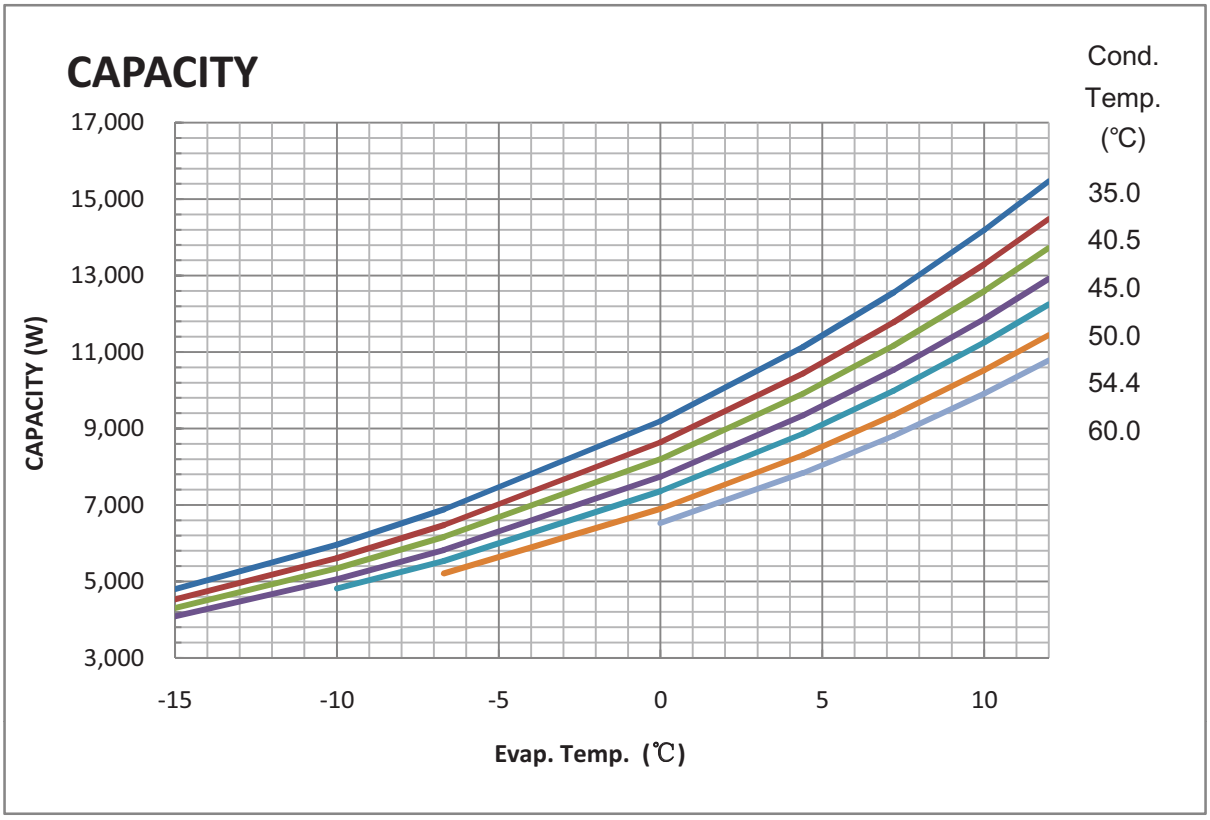
CURRENT(A)

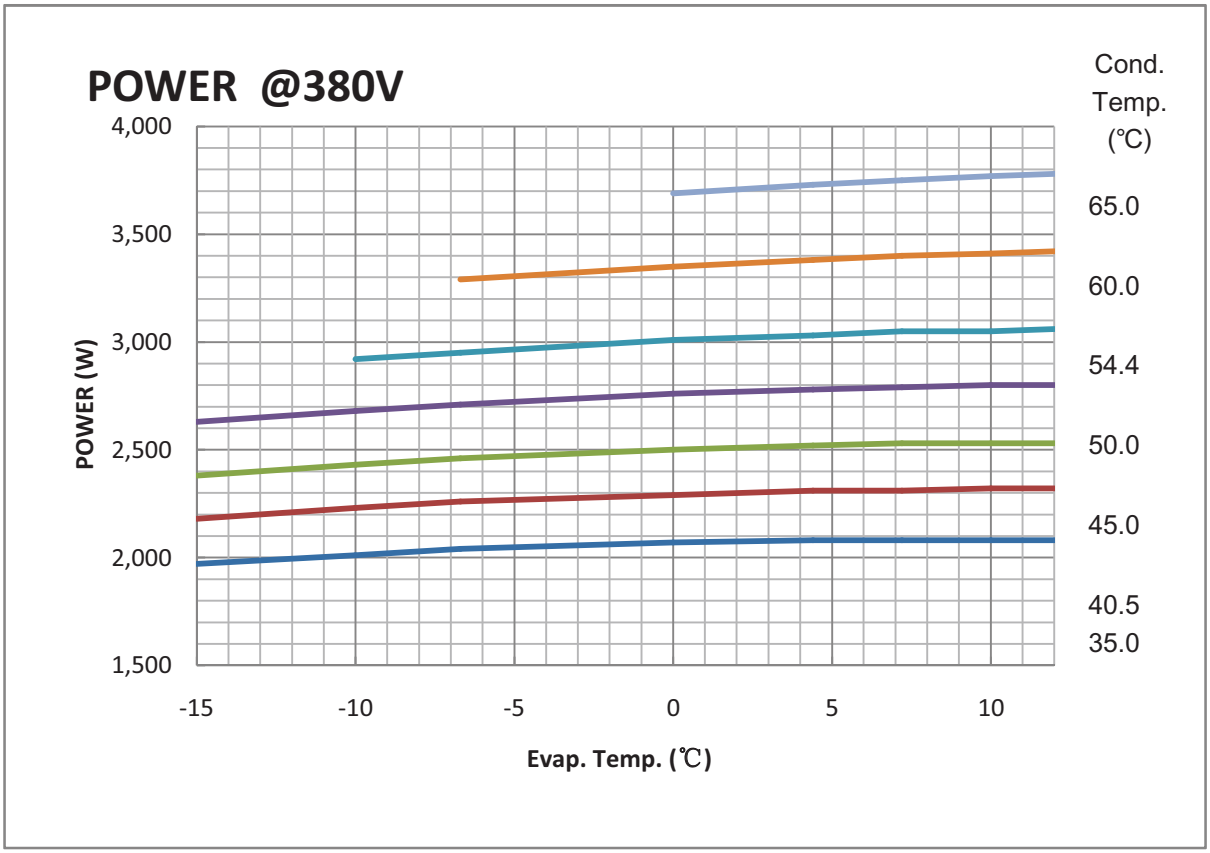
Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7
40.5	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0
45.0	5.1	5.2	5.2	5.3	5.3	5.3	5.3	5.3
50.0	5.4	5.5	5.5	5.6	5.6	5.6	5.6	5.6
54.4		5.8	5.8	5.9	5.9	5.9	5.9	5.9
60.0			6.2	6.3	6.3	6.3	6.4	6.4
65.0				6.7	6.7	6.7	6.7	6.8

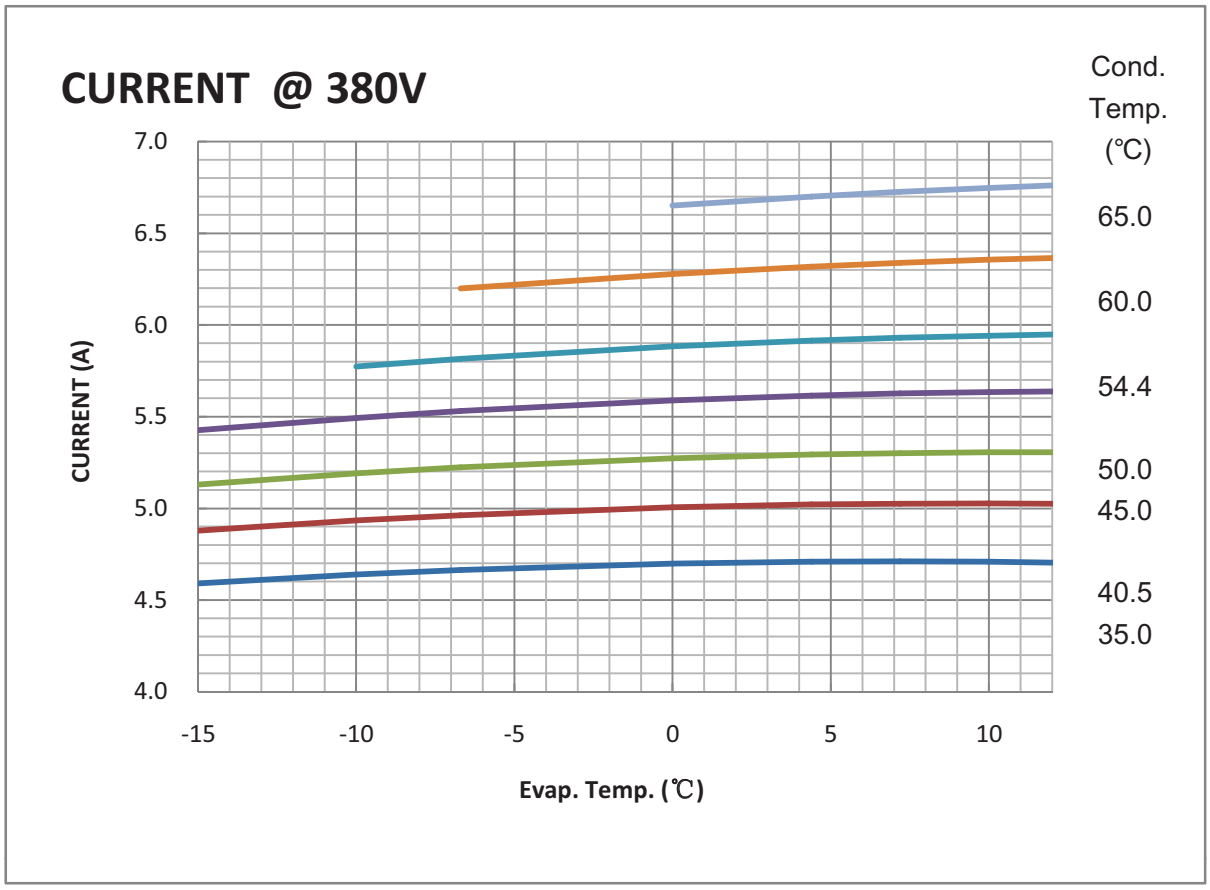
REFRIG FLOW(kg/h)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	106	129	146	190	226	252	281	304
40.5	106	128	145	188	223	249	277	299
45.0	105	128	145	187	221	246	274	296
50.0	105	127	144	186	219	243	270	292
54.4		127	143	184	217	241	267	288
60.0			143	183	215	238	264	284
65.0				181	212	235	260	280

Compressor Model(Code)	C-SBS180H38C
Power Source	3PH 50Hz 380V







COEFFICIENTS OF PERFORMANCE CURVES

Compressor Model	**C-SBS180H38C**
Power Source	**3PH 50Hz 380V**
Suction Gas Superheat (K)	**11.1**
Sub Cooling (K)	**8.3**
Compressor Cooling	**Natural Cooling**
Refrigerant	**R134a**

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

380V-50Hz	CAPACITY (W)	POWER (W)	CURRENT (A)	FLOW (kg/h)
1	1.349534E+04	1.413551E+03	3.294451E+00	2.007963E+02
2	6.217397E+02	2.232938E+00	8.330723E-05	8.676798E+00
3	-1.413471E+02	-2.484343E-01	2.668805E-02	-3.216318E-01
4	1.249152E+01	-2.726312E-01	-2.488955E-04	1.810794E-01
5	-7.364598E+00	-4.992901E-02	-6.038649E-06	-3.738390E-02
6	5.244178E-01	5.426724E-01	3.839663E-04	2.763505E-04
7	1.044271E-01	2.068860E-04	5.491754E-08	1.674622E-03
8	-1.049290E-01	1.599295E-03	-8.769117E-08	-9.345594E-04
9	3.041230E-02	2.439228E-03	2.923630E-06	7.389637E-05
10	-5.946025E-09	9.068634E-09	1.161729E-12	-5.081967E-11