

**PERFORMANCE DATA**

Compressor Model(Code)	<b>C-SBN453H8A (809 960 88)</b>
Power Source	<b>3PH 50Hz 380-415V</b>
Suction Gas Superheat(K)	<b>11.1</b>
Sub Cooling(K)	<b>8.3</b>
Compressor Cooling	<b>Natural Cooling</b>
Refrigerant	<b>R134a</b>

**CAPACITY(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
40.5	6,210	7,520	8,530	11,030	13,060	14,540	16,190	17,480
45.0	5,810	7,050	8,020	10,390	12,330	13,740	15,320	16,550
50.0	5,400	6,570	7,470	9,720	11,560	12,900	14,400	15,580
54.4	5,060	6,160	7,030	9,170	10,920	12,200	13,630	14,760
60.0		5,690	6,500	8,510	10,150	11,360	12,720	13,780
65.0			6,060	7,960	9,520	10,670	11,960	12,970
70.0				7,460	8,940	10,030	11,260	12,220

**POWER(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
40.5	2,700	2,740	2,760	2,770	2,770	2,760	2,740	2,720
45.0	2,960	3,010	3,030	3,040	3,040	3,030	3,010	3,000
50.0	3,300	3,340	3,360	3,380	3,370	3,370	3,360	3,350
54.4	3,630	3,660	3,680	3,700	3,700	3,700	3,690	3,690
60.0		4,110	4,130	4,150	4,160	4,170	4,170	4,170
65.0			4,570	4,600	4,620	4,630	4,640	4,640
70.0				5,090	5,110	5,130	5,140	5,160

**CURRENT(A)**

@380V

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
40.5	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.4
45.0	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.8
50.0	6.2	6.3	6.3	6.4	6.4	6.4	6.3	6.3
54.4	6.6	6.7	6.7	6.8	6.8	6.8	6.8	6.8
60.0		7.3	7.3	7.4	7.4	7.4	7.4	7.4
65.0			7.9	7.9	8.0	8.0	8.0	8.0
70.0				8.5	8.6	8.6	8.6	8.7

**NOTE:**

\* The performance values subject to change without notice.

**PERFORMANCE DATA (Preliminary Data)**

Compressor Model(Code)	<b>C-SBN453H8A (809 960 88)</b>
Power Source	<b>3PH 50Hz 380-415V</b>
Suction Gas Superheat(K)	<b>11.1</b>
Sub Cooling(K)	<b>8.3</b>
Compressor Cooling	<b>Natural Cooling</b>
Refrigerant	<b>R404A</b>

**CAPACITY(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	10,960	13,260	15,040	19,420	22,970	25,560	28,440	30,690
40.5	9,940	12,020	13,630	17,590	20,800	23,140	25,740	27,780
45.0	9,160	11,080	12,560	16,200	19,160	21,310	23,700	25,580
50.0	8,360	10,110	11,460	14,780	17,470	19,420	21,600	23,310
54.4		9,320	10,570	13,620	16,100	17,900	19,910	21,470
60.0			9,530	12,290	14,520	16,140	17,940	19,360
65.0				11,230	13,260	14,740	16,380	17,670

**POWER(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	4,060	4,020	3,990	3,940	3,900	3,880	3,860	3,850
40.5	4,560	4,530	4,510	4,460	4,420	4,400	4,370	4,360
45.0	5,040	5,020	5,000	4,950	4,920	4,890	4,870	4,840
50.0	5,640	5,630	5,620	5,580	5,550	5,520	5,490	5,460
54.4		6,240	6,230	6,210	6,170	6,140	6,100	6,080
60.0			7,100	7,090	7,050	7,020	6,980	6,940
65.0				7,960	7,930	7,890	7,840	7,800

**CURRENT(A)**

@380V

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	7.3	7.2	7.2	7.1	7.1	7.0	7.0	7.0
40.5	8.1	8.1	8.0	7.9	7.9	7.9	7.8	7.8
45.0	8.8	8.8	8.8	8.7	8.7	8.6	8.6	8.6
50.0	9.8	9.7	9.7	9.7	9.6	9.6	9.5	9.5
54.4		10.6	10.6	10.6	10.5	10.5	10.4	10.4
60.0			11.9	11.9	11.8	11.8	11.7	11.7
65.0				13.2	13.1	13.1	13.0	12.9

**NOTE:**

\* The performance values subject to change without notice.

**PERFORMANCE DATA**

Compressor Model(Code)	<b>C-SBN453H8G (809 966 88)</b>
Power Source	<b>3PH 50Hz 380-415V</b>
Suction Gas Superheat(K)	<b>9</b>
Sub Cooling(K)	<b>8.3</b>
Compressor Cooling	<b>Natural Cooling</b>
Refrigerant	<b>R407C</b>

**CAPACITY(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	10,120	12,260	13,920	18,000	21,300	23,720	26,410	28,510
40.5	9,170	11,140	12,680	16,470	19,560	21,820	24,340	26,320
45.0	8,440	10,290	11,730	15,310	18,220	20,360	22,750	24,630
50.0	7,700	9,420	10,760	14,100	16,830	18,850	21,100	22,870
54.4		8,710	9,970	13,110	15,700	17,600	19,730	21,420
60.0			9,050	11,960	14,360	16,140	18,130	19,710
65.0				11,030	13,280	14,950	16,830	18,320

**POWER(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	3,580	3,610	3,620	3,650	3,670	3,680	3,690	3,690
40.5	4,070	4,090	4,110	4,140	4,150	4,160	4,170	4,170
45.0	4,530	4,560	4,580	4,610	4,620	4,630	4,630	4,640
50.0	5,130	5,160	5,180	5,200	5,210	5,220	5,220	5,220
54.4		5,750	5,770	5,790	5,800	5,800	5,800	5,800
60.0			6,600	6,630	6,630	6,630	6,620	6,610
65.0				7,450	7,450	7,440	7,430	7,420

**CURRENT(A)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	6.5	6.5	6.6	6.6	6.7	6.7	6.7	6.7
40.5	7.3	7.3	7.4	7.4	7.4	7.5	7.5	7.5
45.0	8.0	8.1	8.1	8.1	8.2	8.2	8.2	8.2
50.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1
54.4		9.9	9.9	9.9	9.9	9.9	9.9	9.9
60.0			11.2	11.1	11.1	11.1	11.1	11.1
65.0				12.4	12.3	12.3	12.3	12.3

**NOTE:**

\* The performance values subject to change without notice.

\* The performance values are based on MID point method.