

**PERFORMANCE DATA**

Compressor Model	<b>C-SCP435H38B</b>
Power Source	<b>3PH 50Hz 380V</b>
Suction Gas Superheat(K)	<b>11.1</b>
Sub Cooling(K)	<b>8.3</b>
Compressor Cooling	<b>Natural Cooling</b>
Refrigerant	<b>R410A</b>

**CAPACITY(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	23,190	27,270	30,360	37,740	43,530	47,680	52,220	55,720
40.5	21,400	25,270	28,190	35,200	40,740	44,700	49,050	52,420
45.0	20,040	23,720	26,520	33,240	38,560	42,390	46,590	49,840
50.0	18,620	22,110	24,770	31,180	36,270	39,940	43,970	47,100
54.4		20,790	23,320	29,470	34,370	37,900	41,790	44,820
60.0			21,610	27,440	32,090	35,460	39,180	42,070
65.0				25,750	30,200	33,430	37,000	39,780

**POWER(W)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	7,690	7,780	7,850	8,000	8,120	8,200	8,280	8,340
40.5	8,610	8,690	8,750	8,900	9,010	9,090	9,170	9,230
45.0	9,460	9,540	9,590	9,730	9,830	9,910	9,990	10,040
50.0	10,530	10,590	10,640	10,760	10,850	10,920	10,990	11,050
54.4		11,620	11,660	11,760	11,840	11,900	11,970	12,020
60.0			13,080	13,150	13,220	13,260	13,320	13,360
65.0				14,510	14,560	14,590	14,630	14,670

**CURRENT(A)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	14.7	14.8	14.9	15.2	15.3	15.4	15.5	15.6
40.5	16.1	16.3	16.4	16.6	16.7	16.8	16.9	17.0
45.0	17.5	17.6	17.6	17.8	18.0	18.1	18.2	18.2
50.0	19.1	19.1	19.2	19.3	19.5	19.6	19.7	19.7
54.4		20.6	20.7	20.8	20.9	21.0	21.1	21.2
60.0			22.7	22.8	22.9	23.0	23.1	23.1
65.0				24.7	24.8	24.9	24.9	25.0

**REFRIG FLOW(kg/h)**

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	418	465	520	693	850	969	1,101	1,204
40.5	416	467	522	685	831	940	1,060	1,154
45.0	414	468	523	679	816	917	1,028	1,115
50.0	412	470	524	673	799	892	994	1,072
54.4		471	524	667	785	871	964	1,036
60.0			525	660	768	845	928	991
65.0				653	752	822	897	953