

PERFORMANCE DATA

Compressor Model	C-SBS145H38A
Power Source	3PH 50Hz 380V
Suction Gas Superheat(K)	11.1
Sub Cooling(K)	8.3
Compressor Cooling	Natural Cooling
Refrigerant	R407C

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	6,530	8,020	9,180	12,080	14,470	16,230	18,210	19,770
40.5	6,100	7,460	8,520	11,160	13,320	14,910	16,690	18,090
45.0	5,770	7,030	8,020	10,450	12,440	13,910	15,540	16,820
50.0	5,420	6,580	7,480	9,710	11,530	12,860	14,340	15,500
54.4		6,210	7,040	9,110	10,780	12,000	13,360	14,420
60.0			6,520	8,390	9,900	10,990	12,210	13,160
65.0				7,800	9,180	10,170	11,280	12,140

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	2,550	2,560	2,560	2,560	2,550	2,550	2,550	2,540
40.5	2,840	2,840	2,850	2,850	2,850	2,850	2,840	2,840
45.0	3,100	3,110	3,120	3,120	3,120	3,120	3,120	3,120
50.0	3,430	3,440	3,450	3,460	3,460	3,470	3,470	3,470
54.4		3,770	3,770	3,790	3,790	3,800	3,810	3,810
60.0			4,220	4,240	4,260	4,270	4,280	4,290
65.0				4,690	4,710	4,730	4,740	4,750

CURRENT(A)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
40.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
45.0	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0
50.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
54.4		6.9	6.9	6.9	6.9	6.9	6.9	6.9
60.0			7.5	7.5	7.5	7.5	7.5	7.6
65.0				8.1	8.1	8.1	8.1	8.2

MASS FLOW(kg/h)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	133	160	181	233	275	305	338	365
40.5	132	158	178	228	268	297	329	354
45.0	131	156	176	224	262	290	321	345
50.0	129	154	173	220	256	283	313	335
54.4		153	171	216	251	277	305	327
60.0			168	211	245	270	296	317
65.0				207	240	263	289	308