

6. Performance Curves (30rps)

Power Source:	3φ 50/60Hz 200-230V
Suction Gas Superheat	11.1K
Sub Cooling	8.3K
Cooling Type	Natural Cooling
Refrigerant:	R410A
Rotation Speed:	30rps (71V)

CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-5	0	5	7.2	10	12
35.0	3,510	4,540	5,530	6,470	7,360	7,740	8,210	8,530
40.5	3,300	4,200	5,110	6,030	6,950	7,360	7,880	8,250
45.0	3,110	3,890	4,720	5,610	6,560	6,990	7,560	7,970
50.0	2,930	3,590	4,360	5,220	6,190	6,640	7,250	7,700
54.4		3,350	4,060	4,900	5,880	6,350	6,990	7,470
60.0			3,710	4,520	5,510	6,000	6,670	7,180

POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-5	0	5	7.2	10	12
35.0	1,450	1,420	1,400	1,370	1,330	1,310	1,290	1,270
40.5	1,690	1,660	1,620	1,580	1,540	1,520	1,490	1,470
45.0	2,020	1,970	1,920	1,860	1,810	1,780	1,750	1,730
50.0	2,440	2,360	2,280	2,210	2,140	2,110	2,080	2,050
54.4		2,770	2,660	2,570	2,480	2,450	2,410	2,390
60.0			3,220	3,090	2,990	2,950	2,900	2,880

CURRENT(A)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-5	0	5	7.2	10	12
35.0	13.5	13.2	13.0	12.7	12.3	12.2	12.0	11.8
40.5	15.7	15.4	15.0	14.6	14.2	14.0	13.8	13.6
45.0	18.7	18.2	17.6	17.1	16.6	16.3	16.1	15.9
50.0	22.5	21.6	20.8	20.1	19.4	19.1	18.8	18.6
54.4		25.2	24.1	23.1	22.3	22.0	21.6	21.4
60.0			28.9	27.6	26.6	26.2	25.8	25.5

NOTE:

- * The performance values subject to change without notice.
- * The performance values are varied by Driver characteristics.

6. Performance Curves (60rps)

Power Source:	3φ 50/60Hz 200-230V
Suction Gas Superheat	11.1K
Sub Cooling	8.3K
Cooling Type	Natural Cooling
Refrigerant:	R410A
Rotation Speed:	60rps (136V)

CAPACITY(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-5	0	5	7.2	10	12
35.0	7,870	9,370	11,150	13,270	15,800	17,050	18,800	20,160
40.5	7,380	8,800	10,490	12,510	14,910	16,110	17,770	19,070
45.0	6,920	8,260	9,870	11,780	14,070	15,210	16,790	18,030
50.0	6,480	7,750	9,270	11,090	13,270	14,350	15,870	17,040
54.4		7,330	8,780	10,520	12,600	13,640	15,090	16,220
60.0			8,200	9,830	11,800	12,790	14,160	15,230

POWER(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-5	0	5	7.2	10	12
35.0	2,680	2,680	2,670	2,670	2,670	2,670	2,660	2,660
40.5	3,070	3,050	3,040	3,030	3,010	3,010	3,000	3,000
45.0	3,530	3,510	3,480	3,460	3,430	3,420	3,410	3,400
50.0	4,090	4,050	4,010	3,970	3,920	3,910	3,880	3,870
54.4		4,590	4,530	4,470	4,420	4,390	4,360	4,340
60.0			5,290	5,200	5,120	5,080	5,030	5,000

CURRENT(A)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-5	0	5	7.2	10	12
35.0	13.0	12.9	12.9	12.8	12.8	12.7	12.7	12.7
40.5	14.9	14.7	14.6	14.5	14.4	14.4	14.3	14.2
45.0	17.1	16.9	16.8	16.6	16.4	16.3	16.2	16.1
50.0	19.8	19.5	19.3	19.0	18.7	18.6	18.5	18.4
54.4		22.2	21.8	21.4	21.1	20.9	20.7	20.6
60.0			25.4	24.9	24.4	24.2	23.9	23.7

NOTE:

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6. Performance Curves (90rps)

Power Source:	3φ 50/60Hz 200-230V
Suction Gas Superheat	11.1K
Sub Cooling	8.3K
Cooling Type	Natural Cooling
Refrigerant:	R410A
Rotation Speed:	90rps (180V)

CAPACITY(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-5	0	5	7.2	10	12
35.0	12,060	14,350	17,070	20,300	24,160	26,070	28,740	30,810
40.5	11,330	13,490	16,060	19,130	22,770	24,590	27,120	29,080
45.0	10,640	12,680	15,110	18,010	21,460	23,180	25,580	27,440
50.0	9,990	11,910	14,210	16,950	20,220	21,850	24,120	25,880
54.4		11,270	13,460	16,070	19,180	20,740	22,900	24,590
60.0			12,570	15,020	17,950	19,410	21,450	23,030

POWER(W)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-5	0	5	7.2	10	12
35.0	4,040	4,080	4,130	4,170	4,220	4,240	4,260	4,280
40.5	4,560	4,590	4,620	4,650	4,680	4,690	4,710	4,720
45.0	5,180	5,190	5,200	5,210	5,220	5,230	5,230	5,240
50.0	5,890	5,880	5,860	5,850	5,840	5,830	5,820	5,820
54.4		6,560	6,520	6,480	6,440	6,420	6,400	6,380
60.0			7,450	7,370	7,280	7,250	7,200	7,170

CURRENT(A)

Condensing Temperature(℃)	Evaporating Temperature(℃)							
	-15	-10	-5	0	5	7.2	10	12
35.0	13.3	13.4	13.6	13.7	13.8	13.9	13.9	14.0
40.5	15.2	15.2	15.3	15.4	15.5	15.5	15.5	15.6
45.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
50.0	20.1	20.0	19.9	19.8	19.7	19.6	19.6	19.5
54.4		22.5	22.3	22.1	21.9	21.8	21.7	21.6
60.0			25.8	25.4	25.0	24.9	24.7	24.5

NOTE:

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- * The performance values are varied by Driver characteristics.