

## Section 6. Performance Curves (30rps)

**Power Source:** 3φ 50/60Hz 380-415V  
**Suction Gas Superheat** 11.1K  
**Sub Cooling** 8.3K  
**Cooling Type** Natural Cooling  
**Refrigerant:** R410A  
**Rotation Speed:** 30rps  
**Inverter Driver:** FUJI

### CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	3,140	4,220	4,890	6,170	6,950	7,410	7,860	8,160
40.5	2,910	3,890	4,520	5,780	6,570	7,060	7,550	7,890
45.0	2,690	3,580	4,180	5,400	6,210	6,730	7,260	7,630
50.0	2,490	3,300	3,860	5,050	5,870	6,420	6,970	7,380
54.4		3,070	3,590	4,760	5,590	6,150	6,730	7,160
60.0			3,280	4,410	5,250	5,830	6,440	6,890

### POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	1,400	1,300	1,260	1,200	1,190	1,190	1,200	1,210
40.5	1,580	1,500	1,460	1,400	1,380	1,370	1,380	1,380
45.0	1,810	1,750	1,710	1,660	1,630	1,610	1,600	1,590
50.0	2,070	2,050	2,030	1,980	1,930	1,900	1,870	1,840
54.4		2,350	2,350	2,310	2,250	2,200	2,140	2,090
60.0			2,830	2,800	2,720	2,640	2,540	2,460

### CURRENT(A)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	6.5	6.0	5.8	5.6	5.5	5.5	5.6	5.6
40.5	7.4	7.0	6.8	6.5	6.4	6.4	6.4	6.5
45.0	8.6	8.3	8.1	7.8	7.6	7.5	7.5	7.5
50.0	10.1	9.8	9.7	9.4	9.1	8.9	8.8	8.6
54.4		11.5	11.4	11.0	10.7	10.4	10.1	9.9
60.0			13.9	13.5	13.0	12.5	12.0	11.6

### NOTE:

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

## Section 6. Performance Curves (60rps)

**Power Source:** 3φ 50/60Hz 380-415V  
**Suction Gas Superheat** 11.1K  
**Sub Cooling** 8.3K  
**Cooling Type** Natural Cooling  
**Refrigerant:** R410A  
**Rotation Speed:** 60rps  
**Inverter Driver:** FUJI

### CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	7,990	9,520	10,690	13,530	15,780	17,410	19,210	20,600
40.5	7,410	8,840	9,940	12,590	14,710	16,240	17,930	19,250
45.0	6,960	8,320	9,360	11,870	13,890	15,340	16,950	18,190
50.0	6,500	7,770	8,750	11,120	13,020	14,390	15,910	17,090
54.4		7,320	8,240	10,490	12,290	13,600	15,040	16,170
60.0			7,640	9,750	11,440	12,660	14,020	15,070

### POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	2,590	2,600	2,610	2,630	2,640	2,640	2,650	2,660
40.5	2,970	2,980	2,980	2,990	2,990	2,990	3,000	3,000
45.0	3,340	3,340	3,340	3,330	3,330	3,330	3,330	3,330
50.0	3,820	3,800	3,800	3,780	3,770	3,760	3,750	3,740
54.4		4,270	4,250	4,220	4,190	4,180	4,170	4,160
60.0			4,900	4,840	4,800	4,780	4,750	4,740

### CURRENT(A)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	6.6	6.6	6.6	6.6	6.7	6.7	6.7	6.7
40.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
45.0	8.6	8.6	8.5	8.5	8.5	8.4	8.4	8.4
50.0	9.9	9.8	9.8	9.7	9.6	9.6	9.5	9.5
54.4		11.1	11.0	10.9	10.8	10.7	10.6	10.6
60.0			12.8	12.5	12.4	12.3	12.2	12.1

### **NOTE:**

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- \* The performance values are varied by Driver characteristics.

## Section 6. Performance Curves (90rps)

<b>Power Source:</b>	<b>3φ 50/60Hz 380-415V</b>
<b>Suction Gas Superheat</b>	<b>11.1K</b>
<b>Sub Cooling</b>	<b>8.3K</b>
<b>Cooling Type</b>	<b>Natural Cooling</b>
<b>Refrigerant:</b>	<b>R410A</b>
<b>Rotation Speed:</b>	<b>90rps</b>
<b>Inverter Driver:</b>	<b>FUJI</b>

### CAPACITY(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	12,240	14,620	16,430	20,830	24,340	26,870	29,670	31,850
40.5	11,450	13,660	15,360	19,470	22,750	25,120	27,740	29,780
45.0	10,830	12,930	14,530	18,420	21,520	23,770	26,240	28,170
50.0	10,180	12,150	13,660	17,310	20,230	22,340	24,660	26,470
54.4		11,510	12,930	16,390	19,150	21,150	23,350	25,070
60.0			12,070	15,290	17,870	19,730	21,790	23,390

### POWER(W)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	4,260	4,300	4,320	4,360	4,390	4,410	4,430	4,450
40.5	4,810	4,840	4,850	4,890	4,910	4,930	4,940	4,950
45.0	5,330	5,340	5,360	5,380	5,400	5,410	5,420	5,430
50.0	5,980	5,980	5,990	6,000	6,010	6,010	6,020	6,020
54.4		6,610	6,610	6,600	6,600	6,600	6,600	6,600
60.0			7,480	7,450	7,430	7,420	7,410	7,400

### CURRENT(A)

Condensing Temperature(°C)	Evaporating Temperature(°C)							
	-15	-10	-6.7	0	4.4	7.2	10	12
35.0	7.5	7.5	7.6	7.6	7.7	7.7	7.7	7.8
40.5	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7
45.0	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.7
50.0	10.9	10.9	10.9	10.8	10.8	10.8	10.8	10.8
54.4		12.1	12.1	12.1	12.0	12.0	12.0	12.0
60.0			13.9	13.8	13.7	13.7	13.6	13.6

#### **NOTE:**

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