

# SPECIFICATIONS OF COMPRESSOR

Model No: 3CC260LA0M



Temporary

**Panasonic Appliances Compressor (Dalian) Co.,Ltd.**

17/Nov/22

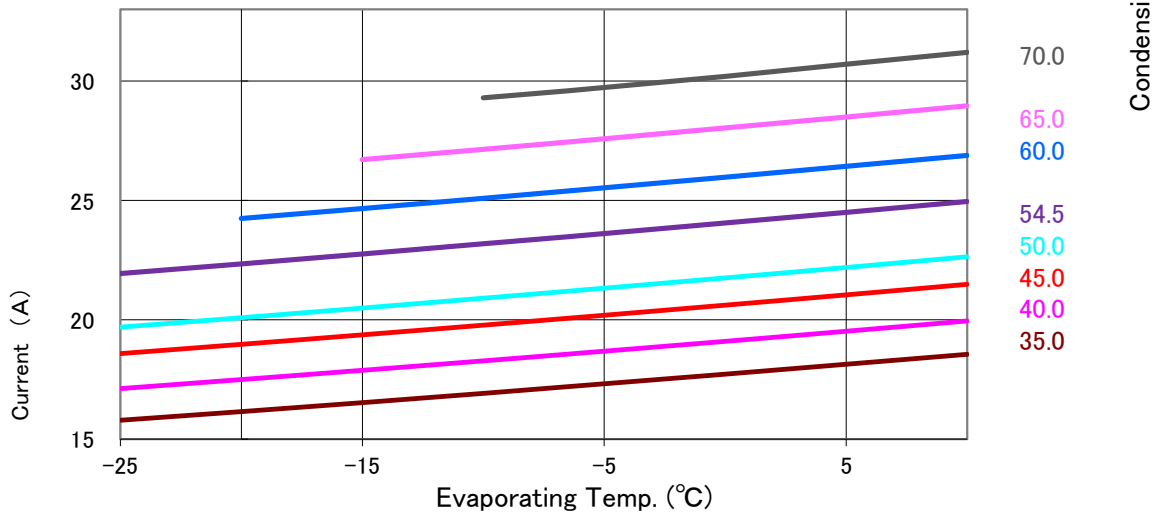
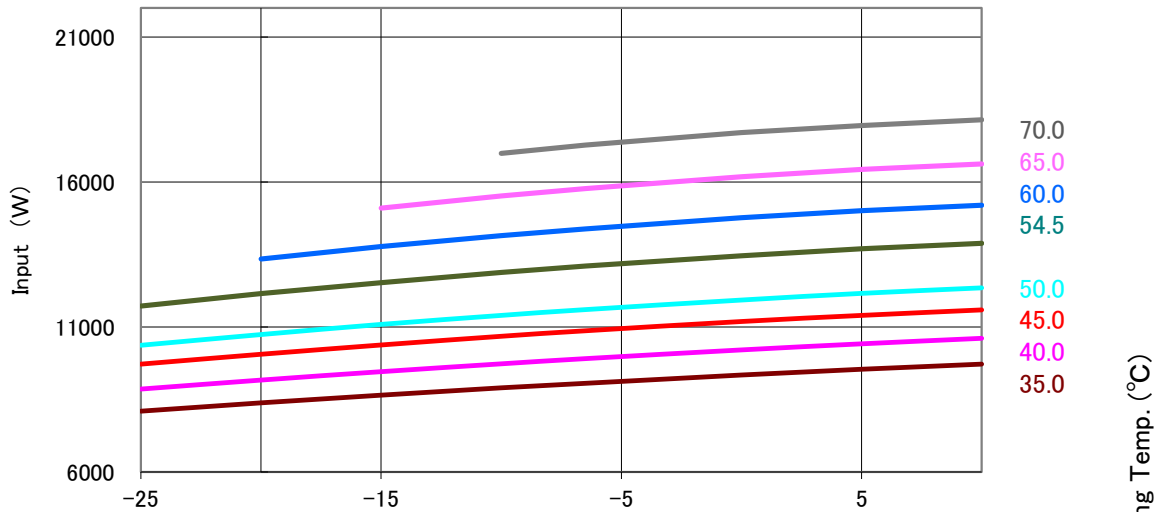
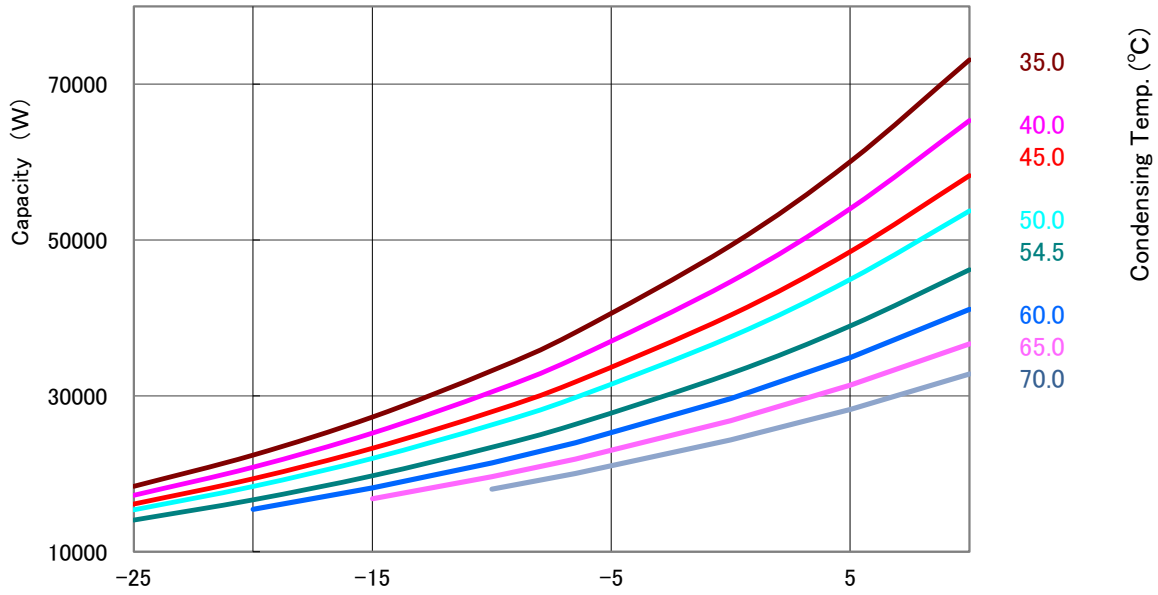
# GENERAL SPECIFICATIONS

Model No:		3CC260LA0M
<b>Application</b>		
Evaporating Temp Range	(°C)	-30 ~ 10
Refrigerant		R449A
Compressor Cooling		Natural Cooling
<b>Rated Performance</b>		
Capacity	(W)	29,800
Input	(W)	11,600
Current	(A)	21.2
Revolution	(min <sup>-1</sup> )	2900
Sound Level	(dB(A))	-
<b>Rating Conditions</b>		Midpoint
Power Source		3-PH 50Hz 380V
Evaporating Temp	(°C)	-6.5
Condensing Temp	(°C)	43.5
Suction Gas Temp	(°C)	18.5
Liquid Temp	(°C)	43.5
Ambient Temp	(°C)	35.0
<b>Measuring Point of Sound Level</b>		
Distance from the Compressor	(m)	-
<b>Compressor</b>		
Design		Hermetic Scroll
Displacement	(cm <sup>3</sup> )	260.0
Suction Line Connection	(Φ mm OD)	34.93
Discharge Line Connection	(Φ mm OD)	22.22
Oil	(ml)	3500
Mass(Incl.Oil)	(kg)	77.6
<b>Motor</b>		
Type		3-PH Induction Motor(3IR)
Pole		2
Rated Power Source		3-PH 50Hz 380~415V /60Hz 440~460V
Voltage Range	(V)	342~456/396~506
Starting Current	(A)	-

Panasonic Appliances Compressor (Dalian) Co.,Ltd.

# PERFORMANCE CURVE

Code No.	3CC260LA0M
Power Source	3-PH 50Hz 380V
Condensing Temp.(°C)	30、35、40、43.5、50、55、60、65
Suction Gas Temp.(°C)	18.5
Sub Cooled(K)	0
Compressor Cooling	Natural Cooling
Refrigerant	R449A



# PERFORMANCE DATA

Code No.	3CC260LA0M
Power Source	3-PH 50Hz 380V
Condensing Temp.(°C)	30、35、40、43.5、50、55、60、65
Suction Gas Temp.(°C)	18.5
Sub Cooled(K)	0
Compressor Cooling	Natural Cooling
Refrigerant	R449A

Capacity (W)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp. (°C)	30.0	18,400	22,410	27,300	33,250	38,160	49,310	60,060	73,140
	35.0	17,250	20,860	25,240	30,530	34,880	44,670	54,030	65,350
	40.0	16,130	19,380	23,290	27,980	31,810	40,380	48,510	58,280
	43.5	15,380	18,390	21,990	26,300	29,800	37,590	44,950	53,750
	50.0	14,070	16,670	19,760	23,420	26,370	32,890	38,980	46,200
	55.0		15,460	18,200	21,420	24,010	29,680	34,940	41,130
	60.0			16,790	19,640	21,910	26,840	31,380	36,690
	65.0				18,060	20,050	24,360	28,280	32,840

Input (W)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp. (°C)	30.0	8,100	8,380	8,650	8,900	9,060	9,340	9,540	9,720
	35.0	8,860	9,170	9,460	9,730	9,910	10,210	10,420	10,610
	40.0	9,720	10,060	10,380	10,680	10,870	11,190	11,400	11,590
	43.5	10,370	10,740	11,090	11,400	11,600	11,930	12,160	12,350
	50.0	11,720	12,150	12,530	12,880	13,100	13,460	13,700	13,890
	55.0		13,340	13,770	14,150	14,380	14,770	15,010	15,200
	60.0			15,100	15,520	15,770	16,180	16,430	16,620
	65.0				16,990	17,270	17,700	17,950	18,140

Current (A)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp. (°C)	30.0	15.8	16.2	16.5	16.9	17.2	17.7	18.1	18.6
	35.0	17.1	17.5	17.9	18.3	18.6	19.1	19.5	20.0
	40.0	18.6	19.0	19.4	19.8	20.1	20.6	21.0	21.5
	43.5	19.7	20.1	20.5	20.9	21.2	21.8	22.2	22.6
	50.0	21.9	22.3	22.8	23.2	23.5	24.1	24.5	25.0
	55.0		24.2	24.7	25.1	25.4	26.0	26.4	26.9
	60.0			26.7	27.1	27.5	28.0	28.5	29.0
	65.0				29.3	29.6	30.2	30.7	31.2

### Coefficients of Polynomial Formula

	Capacity (W)	Input (W)	Current (A)
C1	8.628303E+04	6.417782E+03	1.231349E+01
C2	3.610619E+03	4.063261E+01	6.510939E-02
C3	-1.458040E+03	3.226002E+01	9.846853E-02
C4	5.305316E+01	3.987554E-01	2.267698E-04
C5	-6.483999E+01	-1.908936E-01	6.728133E-04
C6	7.755228E+00	2.174077E+00	2.726515E-03
C7	2.847863E-01	-9.280712E-04	2.22248E-07
C8	-6.006176E-01	-2.443227E-02	-1.273136E-06
C9	3.105361E-01	7.553564E-03	-4.066931E-06
C10	-1.339405E-08	-5.435512E-09	4.165457E-12

Note: The polynomial coefficients subject to change without notice.

$$X = C1 + C2*(S) + C3*D + C4*(S^2) + C5*(S*D) + C6*(D^2) + C7*(S^3) + C8*(D*S^2) + C9*(S*D^2) + C10*(D^3)$$

X—CAPACITY(W) OR POWER(W) OR CURRENT(A)

S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C