

SPECIFICATIONS OF COMPRESSOR

Model No: 3CC260LA0M



Temporary

Panasonic Appliances Compressor (Dalian) Co.,Ltd.

03/Nov/22

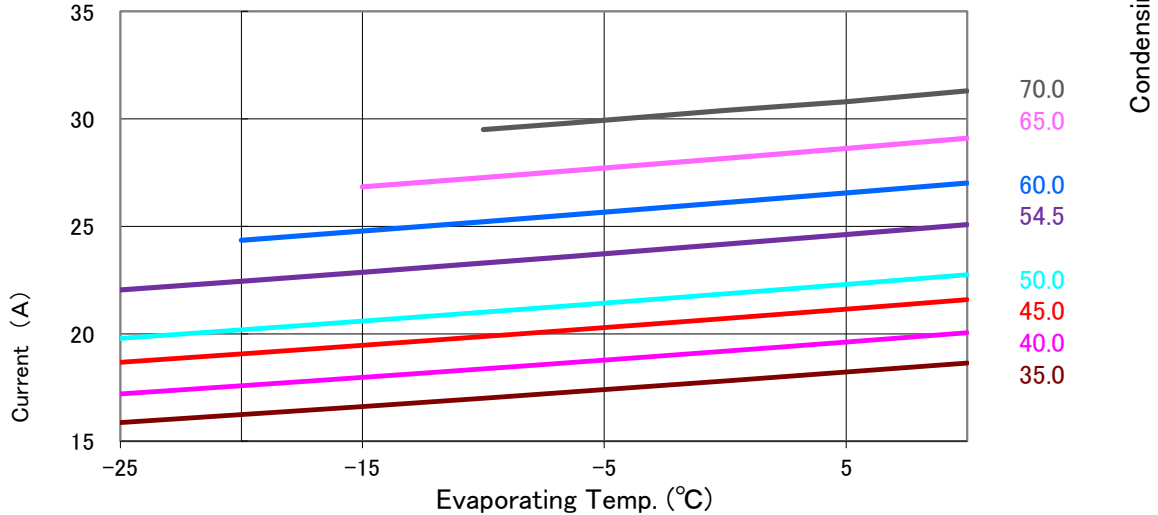
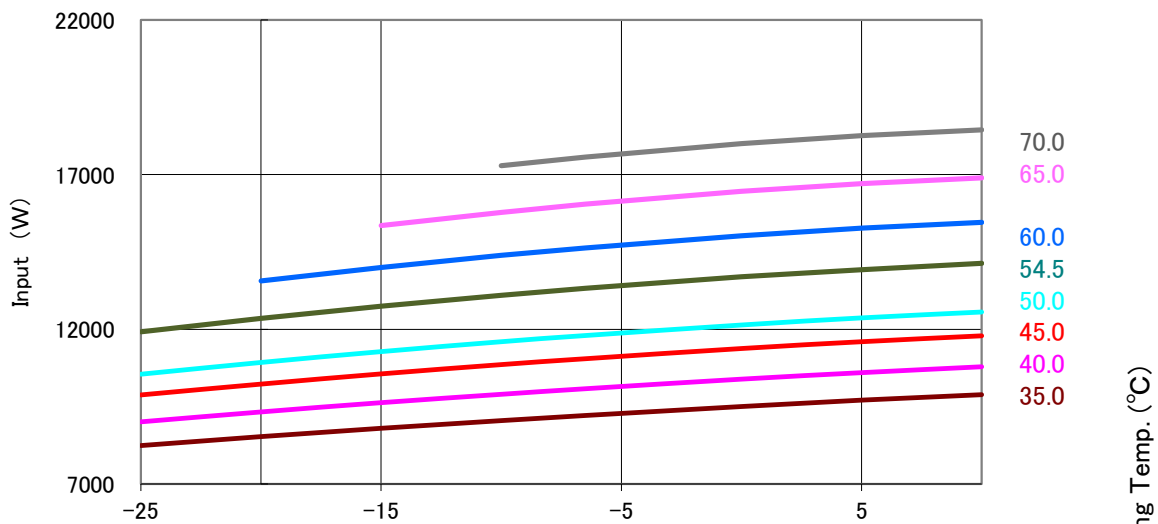
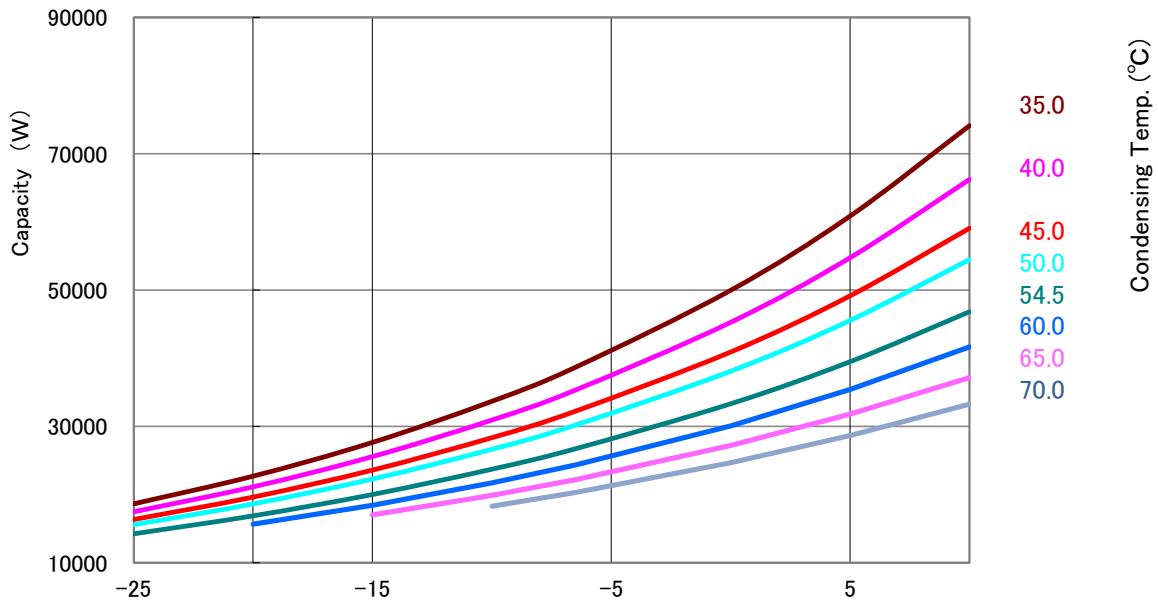
GENERAL SPECIFICATIONS

Model No:	3CC260LA0M	
Application		
Evaporating Temp Range	(°C)	-30 ~ 10
Refrigerant	R448A	
Compressor Cooling	Natural Cooling	
Rated Performance		
Capacity	(W)	30,200
Input	(W)	11,800
Current	(A)	21.3
Revolution	(min ⁻¹)	2900
Sound Level	(dB(A))	-
Rating Conditions		
Power Source	Midpoint 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
Measuring Point of Sound Level		
Distance from the Compressor	(m)	-
Compressor		
Design	Hermetic Scroll	
Displacement	(cm ³)	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
Motor		
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	R448A



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	R448A

Capacity (W)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp. (°C)	30.0	18,650	22,710	27,660	33,690	38,680	49,970	60,860	74,120
	35.0	17,480	21,140	25,580	30,940	35,340	45,270	54,750	66,230
	40.0	16,350	19,640	23,600	28,350	32,240	40,920	49,160	59,070
	43.5	15,590	18,640	22,290	26,650	30,200	38,100	45,550	54,470
	50.0	14,250	16,890	20,020	23,730	26,730	33,330	39,500	46,820
	55.0		15,670	18,440	21,710	24,340	30,080	35,410	41,680
	60.0			17,020	19,900	22,200	27,200	31,800	37,180
	65.0				18,300	20,320	24,680	28,660	33,280

Input (W)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp. (°C)	30.0	8,240	8,530	8,800	9,050	9,220	9,500	9,710	9,890
	35.0	9,010	9,330	9,630	9,900	10,080	10,390	10,600	10,790
	40.0	9,880	10,230	10,560	10,860	11,050	11,380	11,600	11,790
	43.5	10,550	10,930	11,280	11,600	11,800	12,140	12,370	12,560
	50.0	11,920	12,350	12,750	13,100	13,330	13,700	13,930	14,130
	55.0		13,570	14,000	14,390	14,630	15,020	15,270	15,460
	60.0			15,360	15,780	16,050	16,460	16,710	16,900
	65.0				17,290	17,570	18,000	18,260	18,450

Current (A)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp. (°C)	30.0	15.9	16.2	16.6	17.0	17.3	17.8	18.2	18.6
	35.0	17.2	17.6	18.0	18.4	18.7	19.2	19.6	20.0
	40.0	18.7	19.1	19.5	19.9	20.2	20.7	21.1	21.6
	43.5	19.8	20.2	20.6	21.0	21.3	21.9	22.3	22.7
	50.0	22.0	22.4	22.9	23.3	23.6	24.2	24.6	25.1
	55.0		24.4	24.8	25.2	25.5	26.1	26.6	27.0
	60.0			26.8	27.3	27.6	28.2	28.6	29.1
	65.0				29.5	29.8	30.4	30.8	31.3

Coefficients of Polynomial Formula

	Capacity (W)	Input (W)	Current (A)
C1	8.742710E+04	6.532090E+03	1.237188E+01
C2	3.658654E+03	4.046964E+01	6.546602E-02
C3	-1.477085E+03	3.274924E+01	9.891800E-02
C4	5.377847E+01	4.242117E-01	2.276666E-04
C5	-6.568682E+01	-1.449075E-01	6.735127E-04
C6	7.854568E+00	2.211415E+00	2.739541E-03
C7	2.881557E-01	-6.837932E-04	2.355949E-07
C8	-6.093016E-01	-2.518951E-02	-1.267042E-06
C9	3.143517E-01	7.048198E-03	-4.056294E-06
C10	-3.988023E-08	4.988828E-09	8.321822E-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