

SPECIFICATIONS OF COMPRESSOR

Model No: 3CC260LA0M

Temporary

Panasonic Appliances Compressor (Dalian) Co.,Ltd.

14/Mar/22

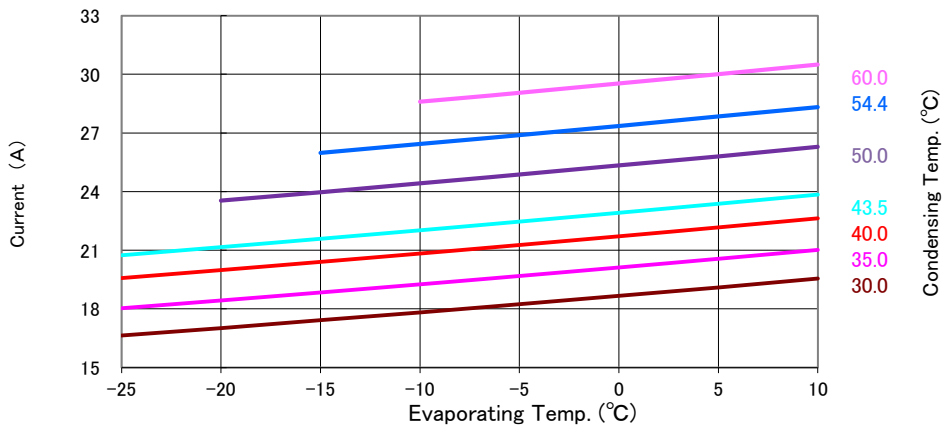
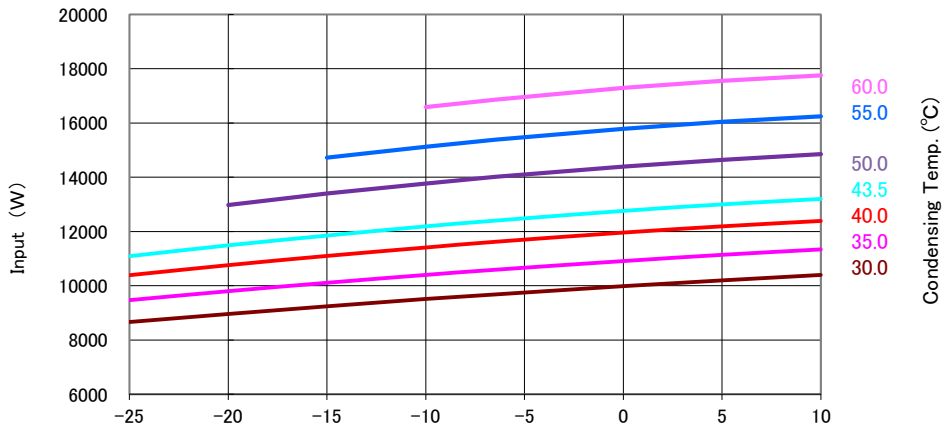
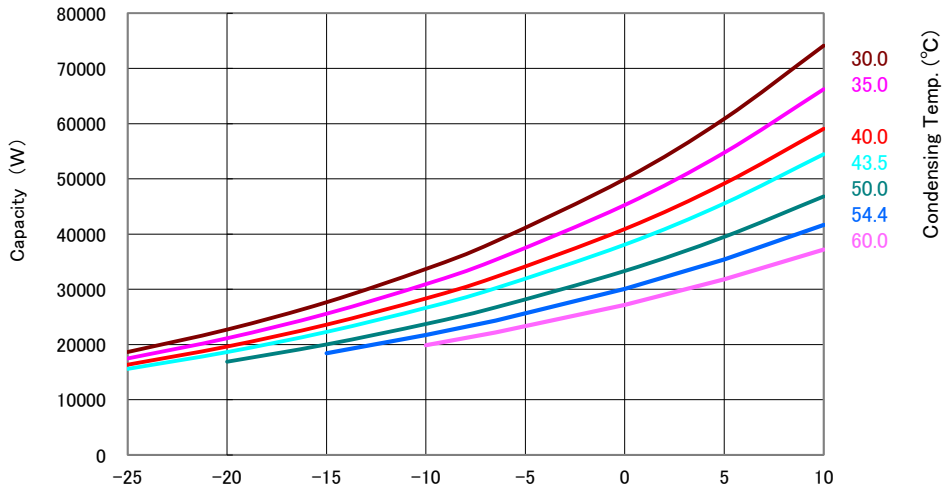
GENERAL SPECIFICATIONS

Model No:	3CC260LA0M	
Application		
Evaporating Temp Range	(°C)	-30~10
Refrigerant		R404A
Compressor Cooling		Natural cooling
Rated Performance		
Capacity	(W)	30,200
Input	(W)	12,400
Current	(A)	22.3
Revolution	(min ⁻¹)	2900
Sound Level	(dB(A))	-
Rating Conditions		
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
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
Voltage Range	(V)	342~456
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
Suction Gas Temp.(°C)	18.5
Sub Cooled(K)	0
Compressor Cooling	Natural cooling
Refrigerant	R404A



PERFORMANCE DATA

Code No.	3CC260LA0M
Power Source	3-PH 50Hz 380V
Condensing Temp.(°C)	30、35、40、43.5、50、55、60
Suction Gas Temp.(°C)	18.5
Sub Cooled(K)	0
Compressor Cooling	Natural cooling
Refrigerant	R404A

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		16,890	20,020	23,730	26,730	33,330	39,500	46,820
	55.0			18,440	21,710	24,340	30,080	35,410	41,680
	60.0				19,900	22,200	27,200	31,800	37,180

Input (W)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp.(°C)	30.0	8,660	8,960	9,240	9,510	9,680	9,990	10,200	10,400
	35.0	9,470	9,800	10,110	10,400	10,590	10,910	11,140	11,340
	40.0	10,390	10,760	11,100	11,410	11,620	11,960	12,190	12,390
	43.5	11,090	11,490	11,850	12,190	12,400	12,760	13,000	13,200
	50.0		12,980	13,400	13,770	14,010	14,390	14,640	14,850
	55.0			14,720	15,120	15,380	15,790	16,040	16,250
	60.0				16,590	16,860	17,290	17,560	17,760

Current (A)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp.(°C)	30.0	16.6	17.0	17.4	17.8	18.1	18.7	19.1	19.5
	35.0	18.0	18.4	18.8	19.3	19.6	20.1	20.6	21.0
	40.0	19.6	20.0	20.4	20.8	21.1	21.7	22.2	22.6
	43.5	20.7	21.2	21.6	22.0	22.3	22.9	23.4	23.8
	50.0		23.5	24.0	24.4	24.7	25.3	25.8	26.3
	55.0			26.0	26.4	26.8	27.4	27.8	28.3
	60.0				28.6	28.9	29.5	30.0	30.5

REFRIG FLOW(kg/h)

		Evaporating Temp. (°C)							
		-25	-20	-15	-10	-6.5	0	5	10
Condensing Temp.(°C)	30.0	457	556	677	824	945	1,220	1,484	1,806
	35.0	450	548	668	814	935	1,208	1,472	1,793
	40.0	443	541	659	804	924	1,196	1,459	1,780
	43.5	438	535	653	798	917	1,188	1,451	1,771
	50.0		525	642	785	904	1,174	1,435	1,754
	55.0			634	776	894	1,162	1,423	1,742
	60.0				767	884	1,151	1,411	1,729

Coefficients of Polynomial Formula

	Capacity (W)	Input (W)	Current (A)	Flow (kg/h)
C1	87427.10156	6844.125977	12.96960926	1297.19397
C2	3658.653564	45.96828079	0.068572193	49.67033005
C3	-1477.085205	35.30126572	0.103726268	-2.685392141
C4	53.77846527	0.514829278	0.000238887	0.934577286
C5	-65.68682098	-0.275331616	0.000708883	-0.055151287
C6	7.854568481	2.3144238	0.002871741	0.004420722
C7	0.288155705	-0.001115442	2.5319E-07	0.008996434
C8	-0.609301627	-0.028183188	-1.32866E-06	-0.000196326
C9	0.314351708	0.008380571	-4.28325E-06	0.000148722
C10	-3.98802E-08	-7.9629E-09	1.69401E-11	-4.95653E-10

Note: The polynomial coefficients subject to change without notice.

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

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

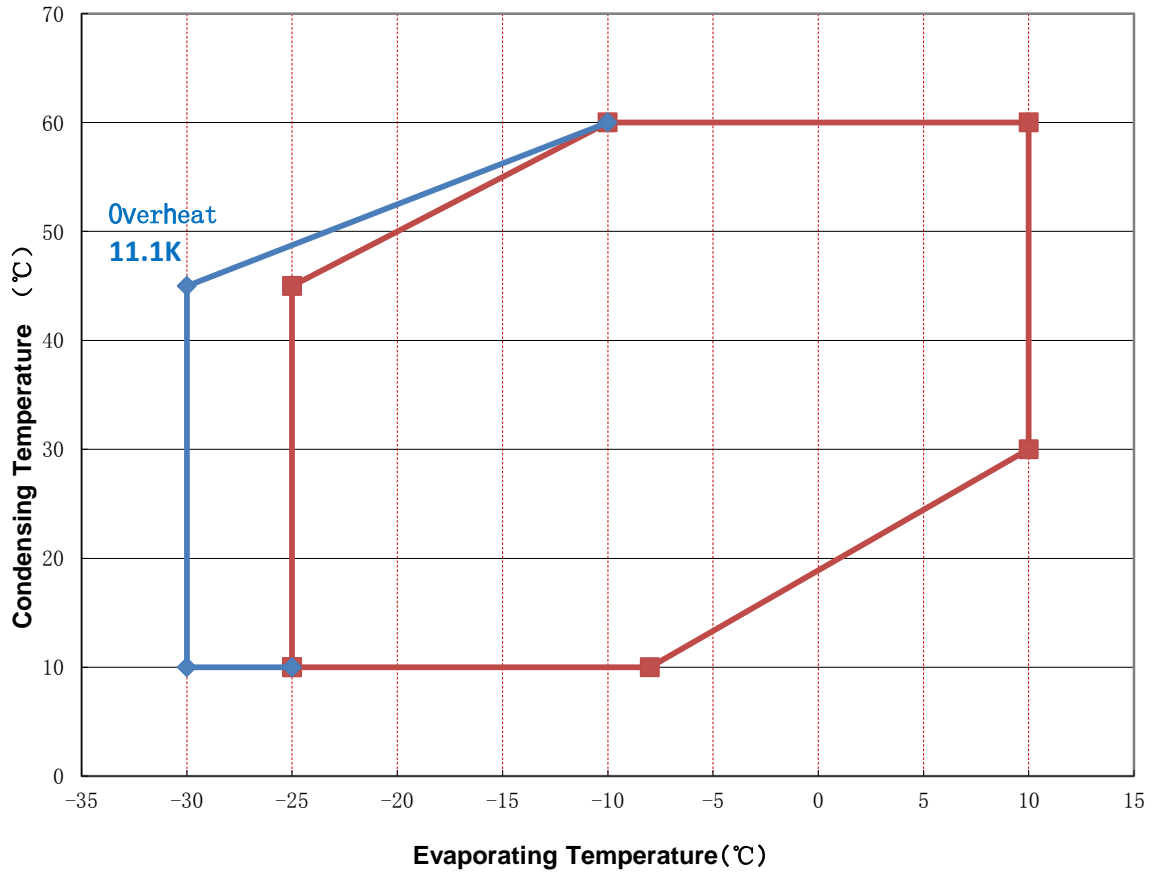
S—EVAPORATING TEMP, °C

D—CONDENSING TEMP, °C

5. Operating Envelope

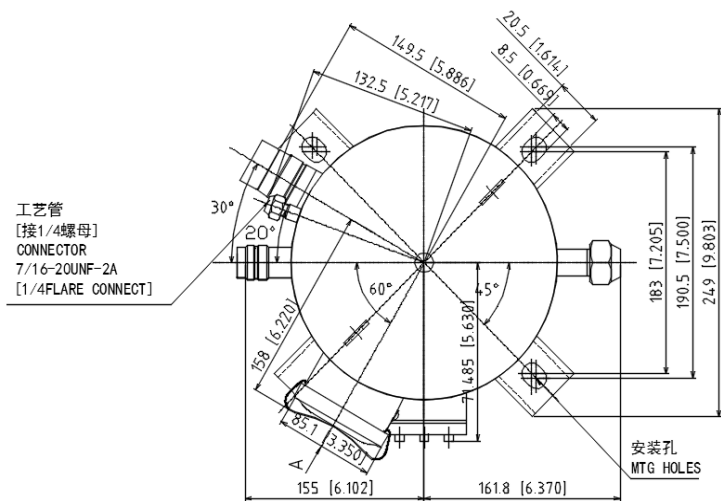
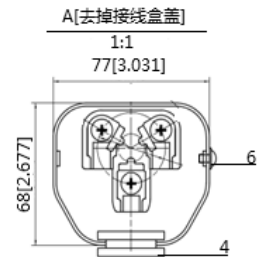
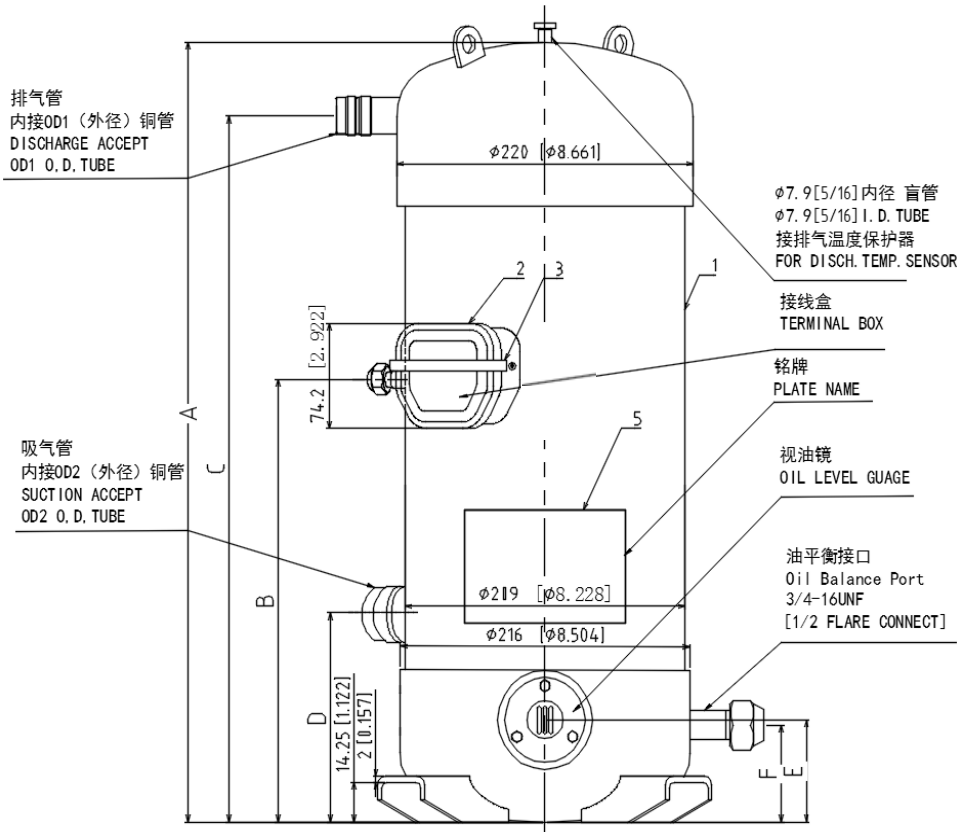
Refrigerant : R404A

Suction Gas Temp: 18.5 °C



Model	A	B	C	D	E	F	OD1	OD2
3CC260LA0M	595 [23.43]	341 [13.43]	543 [21.38]	156 [6.14]	70.5 [2.78]	66.5 [2.62]	22.23 [7/8]	34.9 [1.375]

No.	Part Code	Qty	Name
1	3CC260LA0M	1	Compressor
2	A-0101-DSB	1	Terminal box cover
3	A-0201-DSB	1	Terminal box Clip
4	A-0301-DSB	1	Insulating Grommet
5		1	Nameplate
6	B-0101-DSB	1	Screw Special



Terminal tighten torque: 2.5-3N

Part Code
D-0105-DSC
Compressor Outline drawing