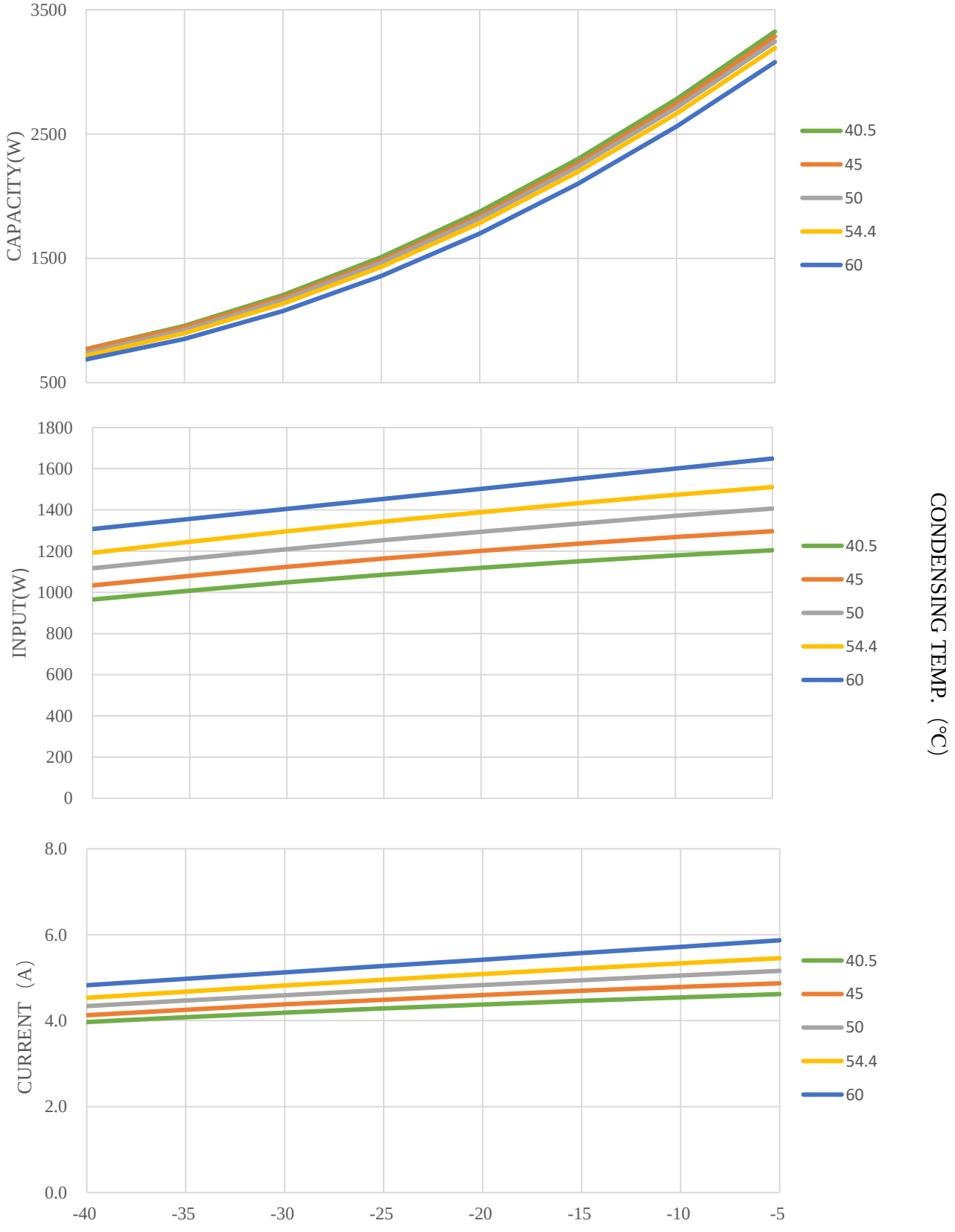
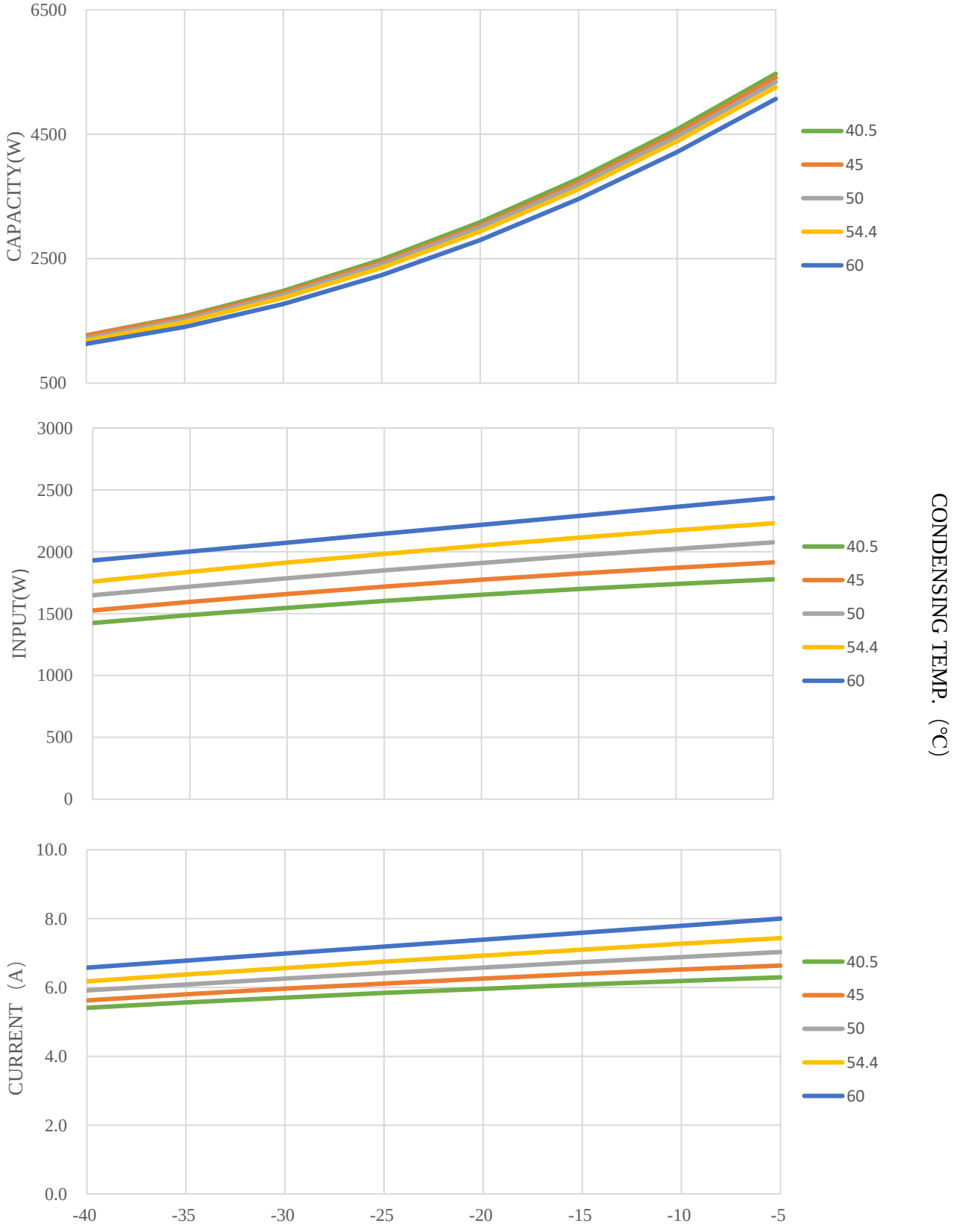
C-7RHVN153L0B PERFORMANCE CURVE

RETURN GAS SUPERHEATED	(℃)	18.3
LIQUID TEMPRETURE	(℃)	32.2
AMBIENT	(℃)	32.2
REFRIGERANT		R404A/R448A
COMPRESSOR REVOLUSION		40Hz



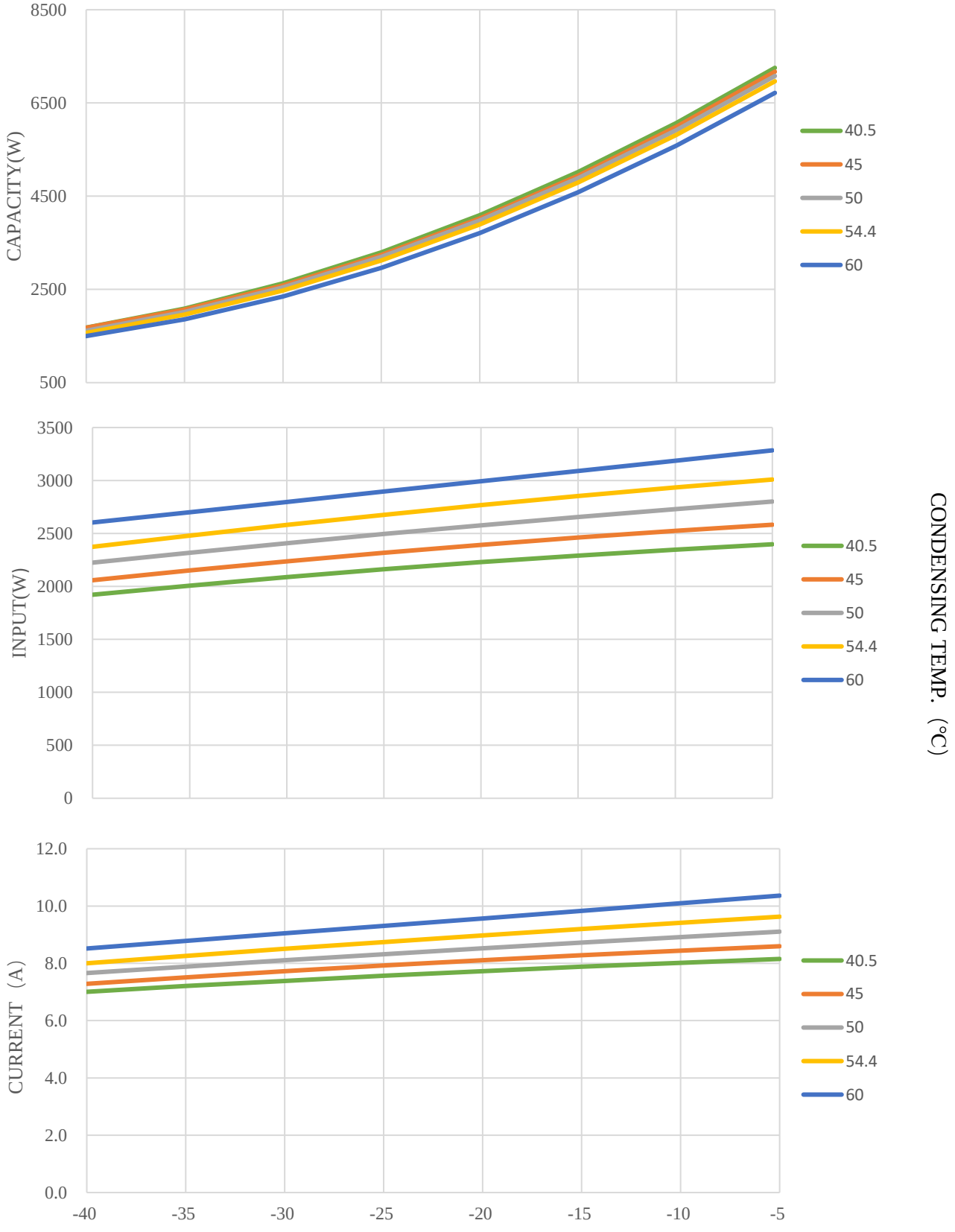
C-7RHVN153L0B PERFORMANCE CURVE

RETURN GAS SUPERHEATED	(℃)	18.3
LIQUID TEMPRETURE	(℃)	32.2
AMBIENT	(℃)	32.2
REFRIGERANT		R404A/R448A
COMPRESSOR REVOLUSION		60Hz



C-7RHVN153L0B PERFORMANCE CURVE

RETURN GAS SUPERHEATED	(℃)	18.3
LIQUID TEMPRETURE	(℃)	32.2
AMBIENT	(℃)	32.2
REFRIGERANT		R404A/R448A
COMPRESSOR REVOLUSION		80Hz



C-7RHVN153L0B PERFOMANCE DATA

40Hz R404A/R448A

Capacity(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	769.9	957.7	1204.6	1510.5	1875.3	2299.3	2782.2	3324.1
	45	768.6	946.1	1184.3	1483.2	1842.9	2263.2	2744.3	3286.1
	50	739.1	923.2	1165.1	1465.0	1822.9	2238.6	2712.4	3244.0
	54.4	717.8	897.8	1135.6	1431.2	1784.7	2196.0	2665.1	3192.0
	60	686.8	851.9	1075.8	1358.5	1700.1	2100.5	2559.9	3078.0
Input(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	964.9	1008.0	1048.1	1085.3	1119.4	1150.7	1178.8	1204.0
	45	1033.5	1079.9	1123.4	1163.9	1201.5	1236.2	1267.9	1296.6
	50	1116.9	1164.1	1209.3	1252.7	1294.0	1333.5	1371.0	1406.5
	54.4	1191.9	1245.0	1295.6	1343.6	1389.2	1432.3	1472.8	1510.9
	60	1307.3	1356.1	1405.0	1453.8	1502.7	1551.5	1600.3	1649.2
Current(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	3.97	4.08	4.18	4.28	4.37	4.46	4.54	4.62
	45	4.13	4.25	4.38	4.49	4.59	4.69	4.78	4.87
	50	4.34	4.47	4.59	4.71	4.83	4.94	5.05	5.16
	54.4	4.53	4.68	4.82	4.95	5.08	5.21	5.33	5.45
	60	4.82	4.97	5.12	5.27	5.42	5.57	5.72	5.87

z= p1 + p2*x + p3*y + p4*x^2 + p5*x*y + p6*y^2 + p7*x^3 + p8*x^2*y + p9*x*y^2 + p10*y^3

x——Evaporating Temp.(℃); y——Condensing Temp.(℃)

	Capacity(W)	Input(W)	Current(A)
P1	5.746E+03	7.471E+02	2.104E+00
P2	-1.150E+02	-1.376E+00	9.071E-02
P3	1.161E+02	-9.295E+00	-3.453E-03
P4	2.546E+00	4.036E-01	-1.159E-03
P5	6.088E-01	3.541E-01	1.607E-04
P6	1.243E+00	-1.776E-01	-2.942E-04
P7	-2.017E-02	-1.963E-03	1.222E-05
P8	-8.837E-03	-7.749E-04	6.550E-06
P9	-1.313E-03	2.720E-03	5.307E-06
P10	4.040E-07	-2.545E-06	7.273E-07

60Hz R404A/R448A

Capacity(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	1267.4	1576.6	1983.1	2486.6	3087.2	3785.1	4580.0	5472.1
	45	1265.3	1557.5	1949.7	2441.7	3033.8	3725.7	4517.7	5409.6
	50	1216.8	1519.7	1918.0	2411.8	3000.9	3685.3	4465.2	5340.4
	54.4	1181.7	1478.0	1869.5	2356.1	2938.0	3615.0	4387.3	5254.7
	60	1130.7	1402.4	1771.0	2236.4	2798.8	3458.0	4214.1	5067.0
Input(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	1424.29	1487.97	1547.25	1602.06	1652.48	1698.57	1740.12	1777.34
	45	1525.64	1594.15	1658.34	1718.14	1773.68	1824.83	1871.65	1914.08
	50	1648.82	1718.43	1785.18	1849.16	1910.2	1968.45	2023.85	2076.32
	54.4	1759.46	1837.8	1912.47	1983.4	2050.67	2114.27	2174.14	2230.35
	60	1929.76	2001.87	2073.97	2146.08	2218.18	2290.29	2362.39	2434.5
Current(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	5.41	5.56	5.70	5.84	5.96	6.08	6.19	6.29
	45	5.62	5.80	5.97	6.12	6.26	6.40	6.52	6.64
	50	5.91	6.09	6.26	6.42	6.58	6.73	6.88	7.03
	54.4	6.18	6.37	6.57	6.75	6.93	7.10	7.27	7.43
	60	6.58	6.78	6.98	7.18	7.39	7.59	7.79	8.00

z= p1 + p2*x + p3*y + p4*x^2 + p5*x*y + p6*y^2 + p7*x^3 + p8*x^2*y + p9*x*y^2 + p10*y^3

x——Evaporating Temp.(℃); y——Condensing Temp.(℃)

	Capacity(W)	Input(W)	Current(A)
P1	9.452E+03	1.103E+03	2.596E+00
P2	-1.890E+02	-2.029E+00	1.358E-01
P3	1.911E+02	-1.372E+01	-1.778E-02
P4	4.185E+00	5.958E-01	-1.751E-03
P5	1.005E+00	5.227E-01	6.357E-04
P6	2.046E+00	-2.620E-01	-5.321E-04
P7	-3.317E-02	-2.897E-03	1.738E-05
P8	-1.457E-02	-1.143E-03	5.652E-06
P9	-2.155E-03	4.014E-03	9.496E-06
P10	-4.040E-07	-3.313E-06	8.485E-07

80Hz R404A/R448A

Capacity(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	1680.0	2089.9	2628.6	3296.0	4092.2	5017.2	6071.0	7253.5
	45	1677.2	2064.5	2584.3	3236.6	4021.4	4938.6	5988.4	7170.6
	50	1612.9	2014.5	2542.4	3196.8	3977.8	4885.0	5918.7	7078.9
	54.4	1566.4	1959.2	2478.0	3123.1	3894.4	4791.8	5815.5	6965.3
	60	1498.8	1859.0	2347.5	2964.4	3709.9	4583.6	5585.9	6716.5
Input(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	1921.57	2007.49	2087.46	2161.41	2229.43	2291.61	2347.67	2397.89
	45	2058.3	2150.74	2237.34	2318.01	2392.95	2461.95	2525.13	2582.37
	50	2224.49	2318.41	2408.47	2494.77	2577.13	2655.72	2730.46	2801.25
	54.4	2373.77	2479.45	2580.19	2675.89	2766.64	2852.46	2933.23	3009.05
	60	2603.52	2700.8	2798.08	2895.36	2992.64	3089.92	3187.2	3284.48
Current(W)		-40	-35	-30	-25	-20	-15	-10	-5
Evaporating Temp.	40.5	7.01	7.21	7.39	7.56	7.72	7.88	8.02	8.15
	45	7.29	7.51	7.73	7.92	8.11	8.29	8.44	8.60
	50	7.66	7.89	8.10	8.32	8.52	8.72	8.92	9.11
	54.4	8.00	8.26	8.51	8.74	8.97	9.20	9.42	9.63
	60	8.52	8.78	9.05	9.31	9.57	9.84	10.10	10.36

z= p1 + p2*x + p3*y + p4*x^2 + p5*x*y + p6*y^2 + p7*x^3 + p8*x^2*y + p9*x*y^2 + p10*y^3

x——Evaporating Temp.(℃); y——Condensing Temp.(℃)

	Capacity(W)	Input(W)	Current(A)
P1	1.253E+04	1.488E+03	3.712E+00
P2	-2.505E+02	-2.756E+00	1.560E-01
P3	2.533E+02	-1.851E+01	-2.120E-02
P4	5.546E+00	8.042E-01	-1.888E-03
P5	1.332E+00	7.051E-01	8.096E-04
P6	2.712E+00	-3.535E-01	-6.208E-04
P7	-4.396E-02	-3.910E-03	2.009E-05
P8	-1.931E-02	-1.541E-03	6.804E-06
P9	-2.858E-03	5.415E-03	1.052E-05
P10	1.212E-06	-4.687E-06	6.869E-07