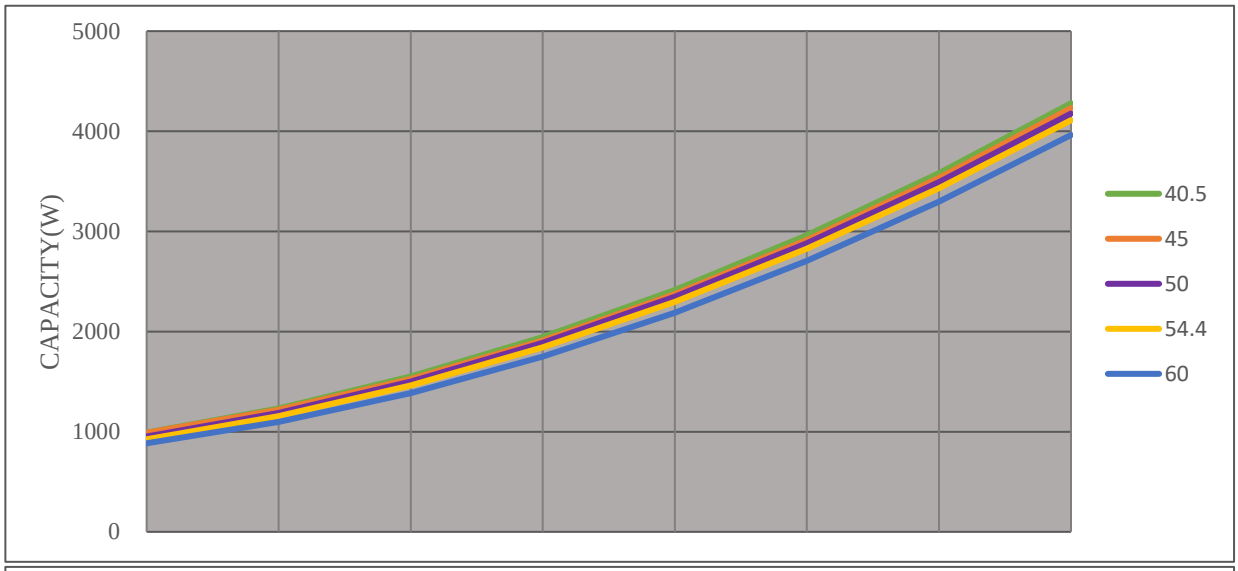
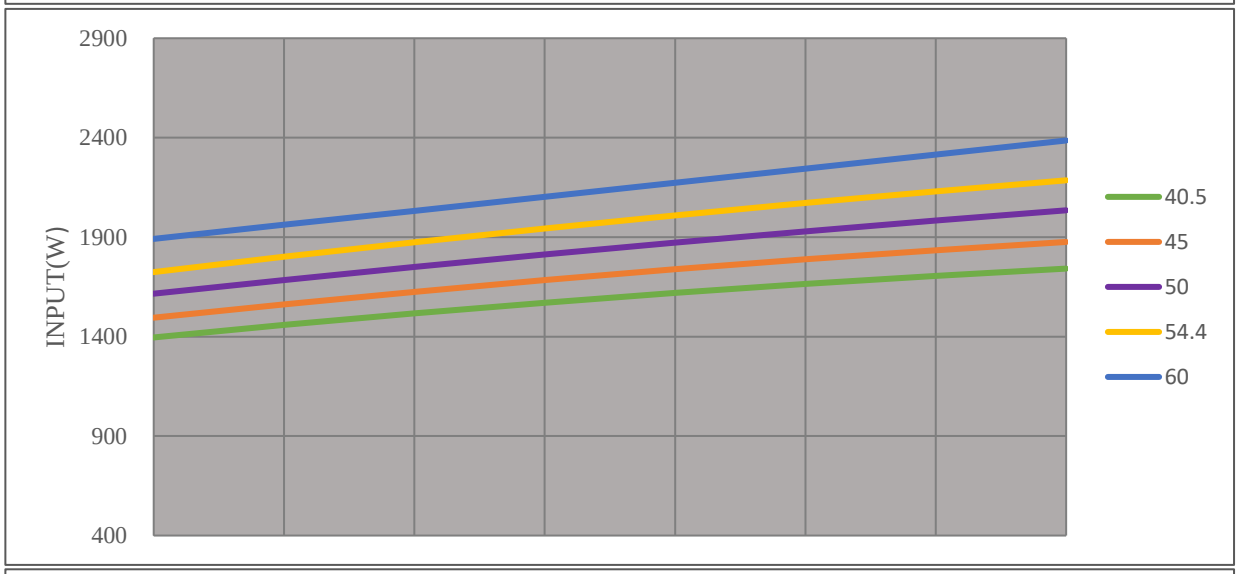
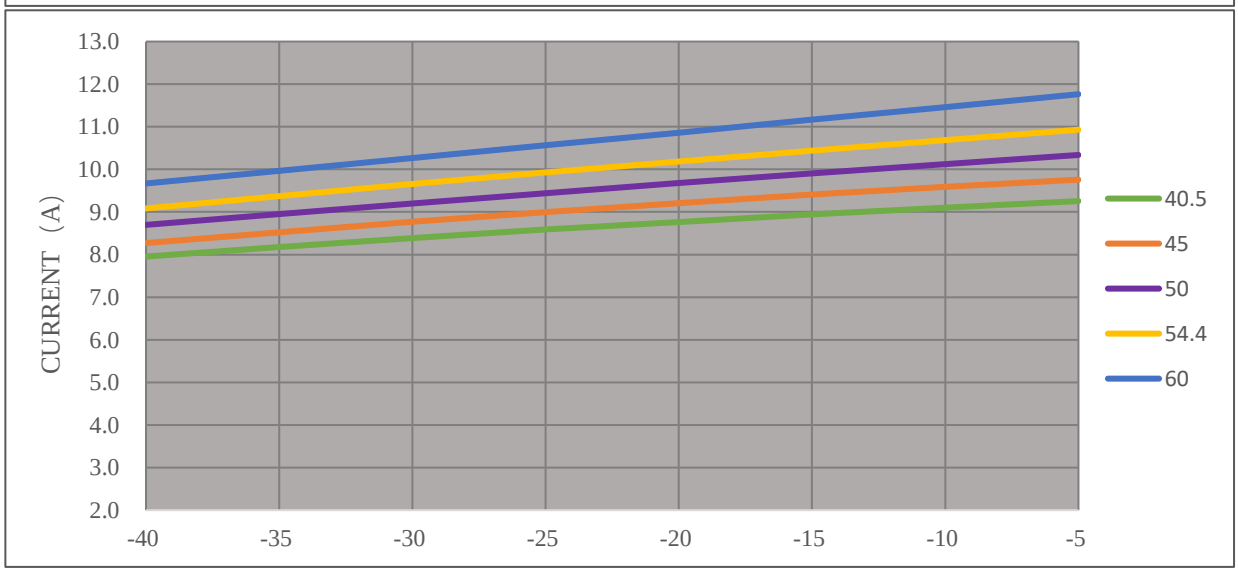
C-3R322L4AAL PERFORMANCE CURVE

RETURN GAS SUPERHEATED	(℃)	18.3
LIQUID TEMPRETURE	(℃)	32.2
AMBIENT	(℃)	32.2
REFRIGERANT		R404A/R448A
COMPRESSOR REVOLUSION		50Hz







CONDENSING TEMP. (℃)

EVAPORATING TEMP.(℃)

C-3R322L4AAL PERFOMANCE DATA

R404A/R448A

Capacity(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	991	1233	1551	1945	2415	2960	3582	4280
	45	990	1218	1525	1910	2373	2914	3533	4231
	50	952	1189	1500	1886	2347	2882	3492	4177
	54.4	924	1156	1462	1843	2298	2827	3431	4110
	60	884	1097	1385	1749	2189	2704	3296	3963
INPUT(W)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	1396	1458	1516	1570	1620	1665	1705	1742
	45	1495	1562	1625	1684	1738	1789	1834	1876
	50	1616	1684	1750	1812	1872	1929	1984	2035
	54.4	1724	1801	1874	1944	2010	2072	2131	2186
	60	1891	1962	2033	2103	2174	2245	2315	2386
Current(A)		Evaporating Temp.							
		-40	-35	-30	-25	-20	-15	-10	-5
Condensing Temp.	40.5	7.95	8.18	8.39	8.59	8.77	8.95	9.10	9.26
	45	8.27	8.53	8.77	8.99	9.21	9.41	9.59	9.76
	50	8.70	8.95	9.20	9.44	9.68	9.90	10.12	10.34
	54.4	9.08	9.37	9.66	9.92	10.19	10.44	10.69	10.93
	60	9.67	9.97	10.27	10.57	10.86	11.16	11.46	11.76

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

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

	Capacity(W)	Input(W)	Current(A)
P1	7.3816E+03	1.0843E+03	4.2851E+00
P2	-1.4701E+02	-2.2615E+00	1.7411E-01
P3	1.4984E+02	-1.3568E+01	-2.3400E-02
P4	3.2547E+00	5.9068E-01	-2.1062E-03
P5	7.7413E-01	5.1731E-01	8.5876E-04
P6	1.6042E+00	-2.5718E-01	-7.5359E-04
P7	-2.5803E-02	-2.8931E-03	2.2690E-05
P8	-1.1264E-02	-1.1822E-03	8.6729E-06
P9	-1.6548E-03	3.9086E-03	1.3169E-05
P10	8.0808E-05	-2.4242E-05	1.0909E-06