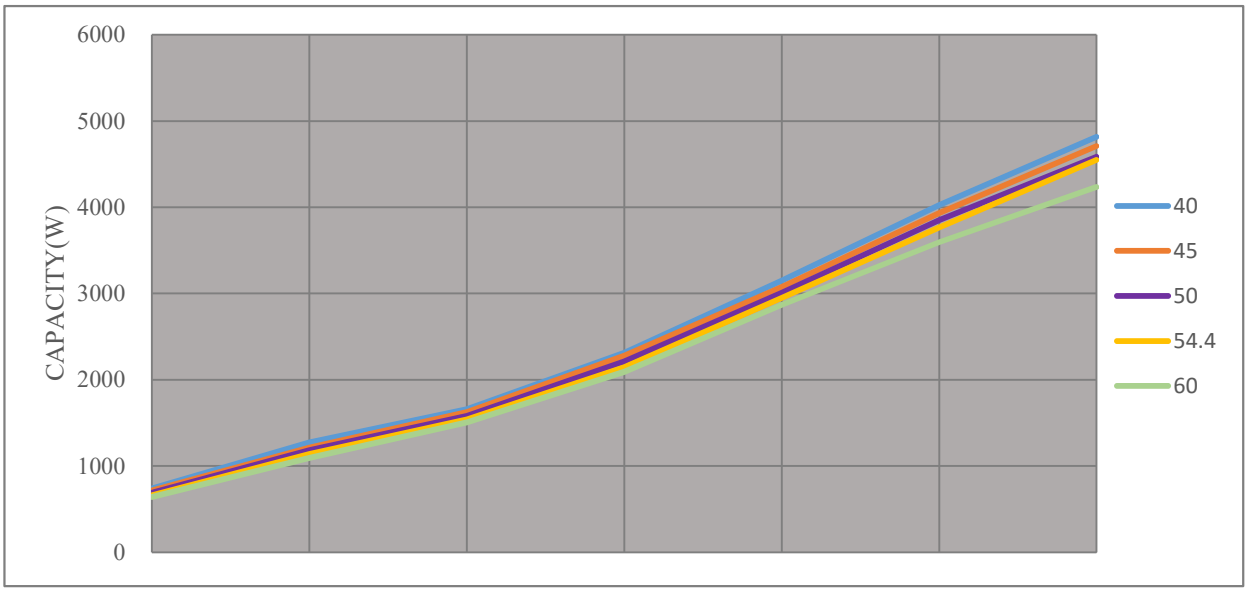
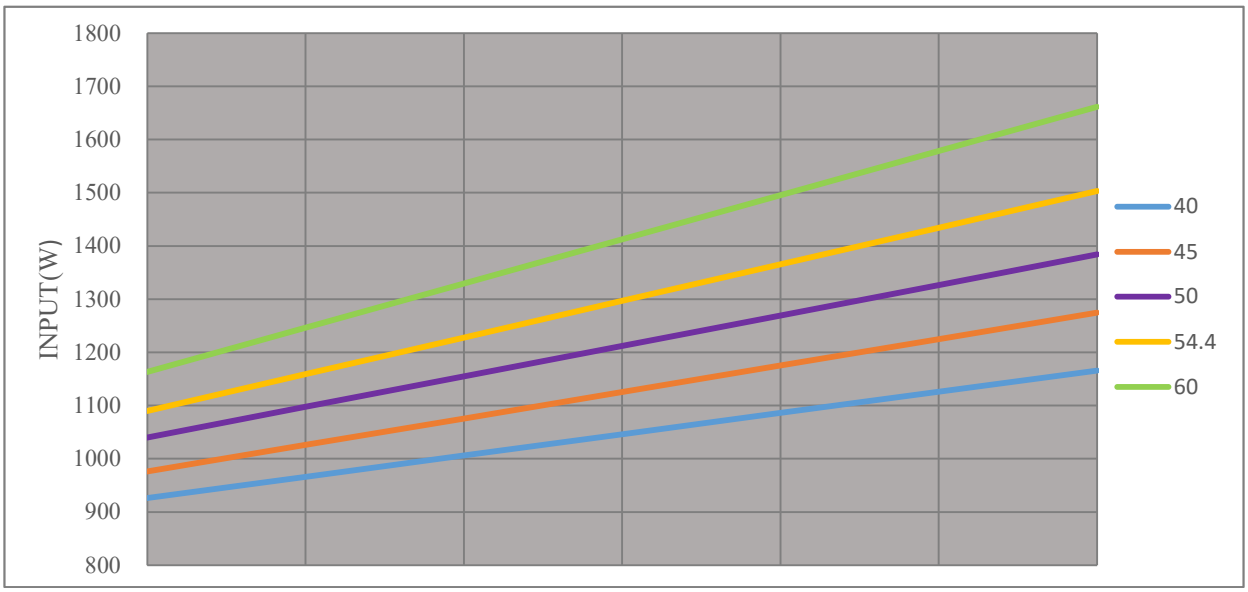
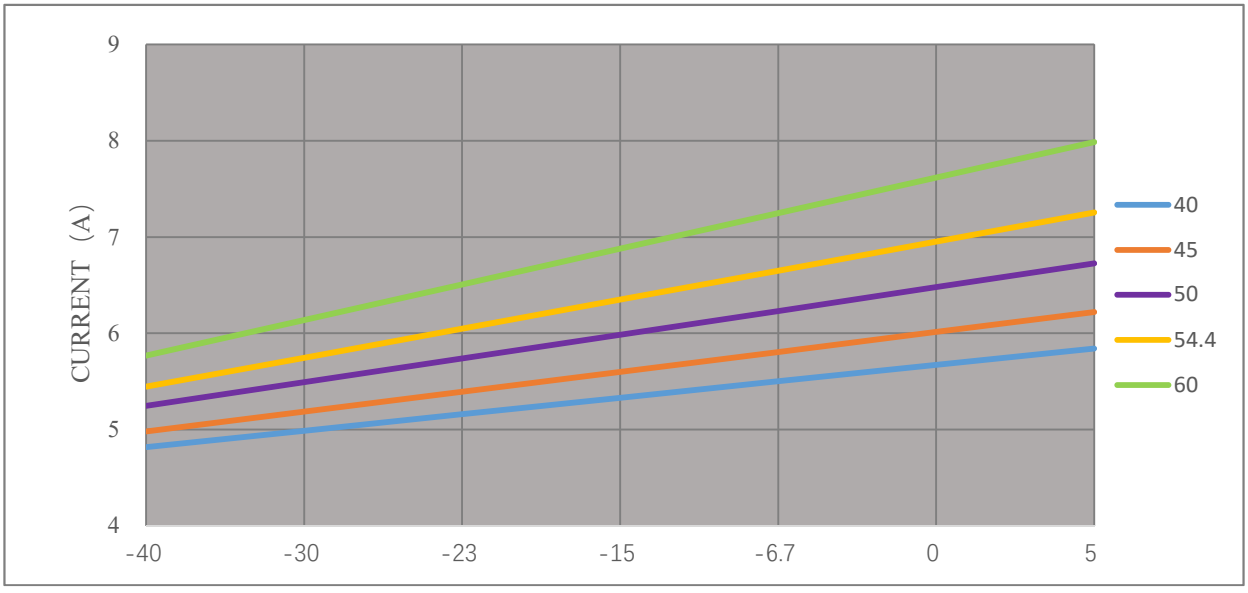
802 359 15 PERFORMANCE CURVE

RETURN GAS TEMPERATURE	(C°)	18.3
SUPER COOLING	(C°)	0
AMBIENT	(C°)	——
REFRIGERANT		R455A
COMPRESSOR REVOLUSION		50Hz







CONDENSING TEMP. (℃)

EVAPORATING TEMP.(℃)

C-RHN110E5A PERFPMANCE DATA

Refrigerant：R455A

1.Rated condition data

Model	Displacement	Frequency	Power supply	Capacity	Input power	Current
	cc	Hz	V	W	W	A
C-RHN110E5A	22.0	50	220	1510	1270	6.30

2、Data under different condition

Capacity(W)		Evaporating Temp.(℃)						
		-40	-30	-23.3	-15	-6.7	0	5
Condensing Temp.(℃)	40	739	1271	1658	2313	3150	4024	4815
	45	715	1212	1626	2277	3075	3934	4709
	50	691	1184	1580	2212	3007	3852	4587
	54.4	660	1139	1540	2146	2951	3766	4550
	60	644	1095	1505	2091	2869	3594	4232

Input(W)		Evaporating Temp.(℃)						
		-40	-30	-23.3	-15	-6.7	0	5
Condensing Temp.(℃)	40	926	966	1006	1046	1086	1126	1166
	45	976	1026	1076	1125	1175	1225	1275
	50	1040	1098	1155	1212	1269	1327	1384
	54.4	1090	1159	1228	1297	1365	1434	1503
	60	1163	1246	1330	1413	1496	1579	1662

Current(A)		Evaporating Temp.(℃)						
		-40	-30	-23.3	-15	-6.7	0	5
Condensing Temp.(℃)	40	4.82	4.99	5.16	5.33	5.50	5.67	5.84
	45	4.98	5.19	5.39	5.60	5.81	6.01	6.22
	50	5.25	5.49	5.74	5.99	6.23	6.48	6.73
	54.4	5.45	5.75	6.05	6.35	6.65	6.95	7.26
	60	5.77	6.14	6.51	6.88	7.25	7.62	7.99

3、Ten coefficient method

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 Power(W)	Current(A)
P1	6.30E+03	7.43E+02	1.08E+01
P2	1.36E+02	4.28E+00	3.10E-02
P3	-1.31E+02	1.76E+00	-3.77E-01
P4	2.66E+00	3.37E-02	9.99E-05
P5	9.19E-01	-1.12E-01	-1.13E-03
P6	2.69E+00	1.83E-01	7.91E-03
P7	1.57E-02	1.17E-03	5.01E-06
P8	-1.16E-02	1.37E-03	6.87E-06
P9	-1.76E-02	4.39E-03	2.68E-05
P10	-2.11E-02	3.69E-04	-4.15E-05