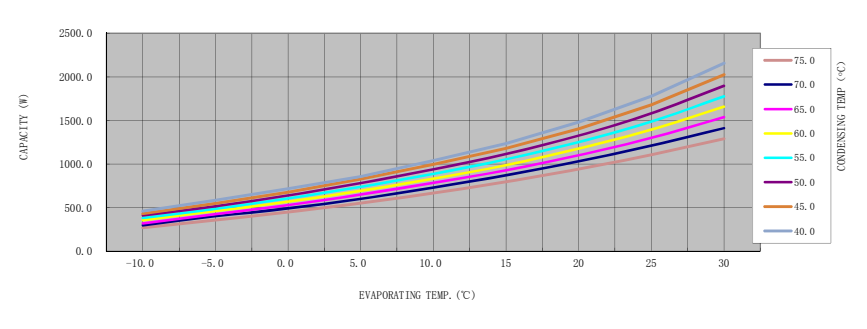
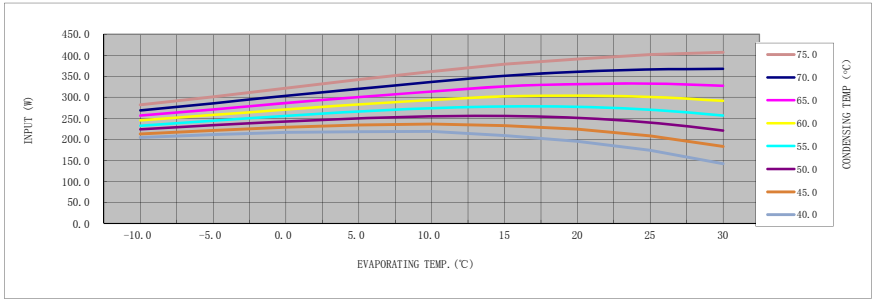
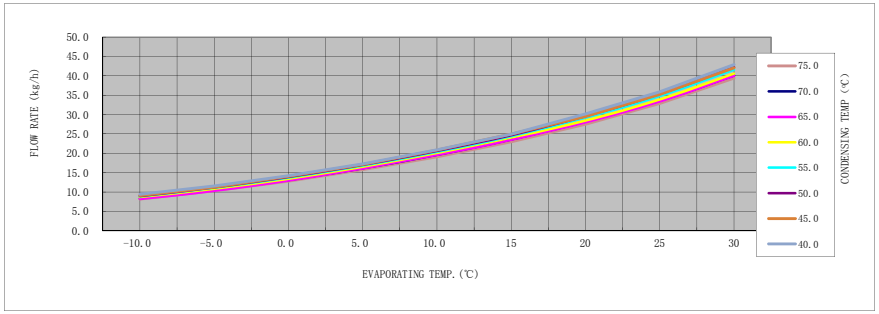
MODEL： RJSN68V2TZRA1

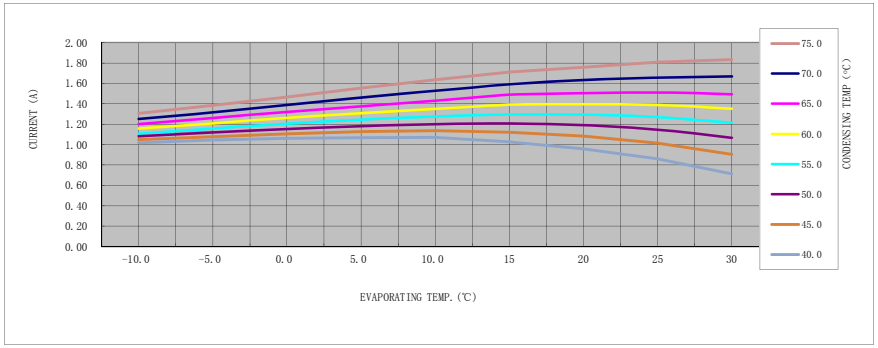
PERFORMANCE CURVE

R134a 1Φ — 220 V ～	50	Hz
RETURN GAS TEMP.	35	℃
SUBCOOLING	8.3	℃
AMBIENT TEMP.	35	℃
RUNNING CAPACITOR	15	uF









1、Rated condition data（ASH）

Model	Displacement	Frequency	Power supply	Running capacitor	Capacity	Input power	Flow rate	Current
	cc	Hz	V	uF	W	W	kg/h	A
RJSN68V2TZRA1	6.78	50	220	15	805.0	268.0	18.4	1.25

2、Data under different condition

Capacity(W)		Evaporating Temp.(℃)								
		-10.0	-5.0	0.0	5.0	10.0	15	20	25	30
Condensing Temp.(℃)	75.0	270.2	355.3	450.7	552.3	666.7	799.1	941.7	1105.7	1291.0
	70.0	296.8	401.6	489.3	602.0	730.8	870.5	1031.8	1209.5	1411.2
	65.0	319.9	424.7	529.6	648.4	783.7	927.7	1100.3	1298.6	1538.6
	60.0	356.9	460.8	568.1	691.9	832.5	986.0	1177.1	1393.5	1658.1
	55.0	381.1	486.7	605.3	737.8	886.4	1054.8	1251.9	1486.9	1776.8
	50.0	410.4	516.0	640.0	780.6	940.7	1115.0	1326.3	1580.8	1897.4
	45.0	429.4	548.4	674.9	826.6	995.2	1180.1	1402.1	1677.5	2023.0
	40.0	461.4	583.1	717.4	857.6	1041.7	1235.7	1482.0	1779.3	2156.3

Input Power(W)		Evaporating Temp.(℃)								
		-10.0	-5.0	0.0	5.0	10.0	15	20	25	30
Condensing Temp.(℃)	75.0	282.1	301.4	321.3	342.0	361.5	379.1	390.8	401.4	407.1
	70.0	269.0	285.2	303.5	319.9	336.5	351.2	360.8	366.2	367.7
	65.0	256.3	271.3	286.4	300.7	313.4	326.0	331.1	332.5	327.4
	60.0	244.8	257.9	271.0	283.0	293.3	302.3	303.6	301.1	291.7
	55.0	232.2	244.6	256.2	266.3	273.9	277.9	277.3	270.7	256.7
	50.0	223.5	233.5	242.7	249.7	254.5	255.4	251.1	240.0	221.0
	45.0	212.9	221.2	228.9	234.0	236.4	232.5	224.1	208.0	183.3
	40.0	204.4	211.6	216.3	218.0	218.7	209.3	195.4	173.5	141.6

Flow Rate(kg/h)		Evaporating Temp.(℃)								
		-10.0	-5.0	0.0	5.0	10.0	15	20	25	30
Condensing Temp.(℃)	75.0	8.2	10.3	12.8	15.8	19.1	23.0	27.5	32.9	39.5
	70.0	8.4	10.8	13.1	16.2	19.6	23.5	28.2	33.6	40.1
	65.0	8.2	10.3	13.0	16.1	19.6	23.5	28.0	33.4	40.0
	60.0	8.7	10.8	13.4	16.5	20.1	24.1	28.4	33.9	40.6
	55.0	8.9	11.1	13.7	16.8	20.4	24.5	29.2	34.8	41.6
	50.0	9.0	11.2	13.9	17.0	20.6	24.7	29.6	35.3	42.2
	45.0	9.1	11.2	14.0	17.1	20.8	24.9	29.5	35.2	42.1
	40.0	9.5	11.6	14.2	17.2	20.9	25.0	30.1	35.9	42.9

Current(A)		Evaporating Temp.(℃)								
		-10.0	-5.0	0.0	5.0	10.0	15	20	25	30
Condensing Temp.(℃)	75.0	1.31	1.38	1.47	1.55	1.63	1.71	1.76	1.81	1.83
	70.0	1.25	1.31	1.39	1.46	1.53	1.59	1.63	1.66	1.67
	65.0	1.20	1.26	1.32	1.37	1.43	1.49	1.50	1.51	1.49
	60.0	1.16	1.21	1.26	1.31	1.35	1.39	1.40	1.39	1.35
	55.0	1.11	1.16	1.20	1.24	1.28	1.29	1.29	1.27	1.21
	50.0	1.08	1.12	1.15	1.18	1.20	1.21	1.19	1.15	1.07
	45.0	1.05	1.08	1.10	1.13	1.14	1.12	1.08	1.01	0.90
	40.0	1.02	1.04	1.06	1.07	1.07	1.03	0.96	0.86	0.71

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)	Flow Rate(kg/h)	Current(A)
P1	1.14872046E+03	3.08772980E+01	8.47619982E+00	8.17132925E-02
P2	4.47735484E+01	-4.00031007E+00	5.92315855E-01	-2.14106927E-02
P3	-1.71788937E+01	7.48306533E+00	3.62893296E-01	4.56362589E-02
P4	1.31496856E+00	-1.34310369E-01	9.78617213E-03	-5.87161928E-04
P5	-3.60077861E-01	1.33666856E-01	-4.91502680E-04	7.11292875E-04
P6	1.90055528E-01	-9.80687118E-02	-7.12908756E-03	-7.21839478E-04
P7	-1.18674749E-02	-1.55980793E-03	1.51303843E-04	-7.07289344E-06
P8	-9.97479116E-03	1.91643294E-03	-3.89624089E-05	8.92500185E-06
P9	7.69426739E-04	-3.68390206E-04	-3.43334826E-06	-2.82974301E-06
P10	-1.17708244E-03	6.65990540E-04	4.12112768E-05	4.79542904E-06