

C-2RN163H8W PERFORMANCE DATA

RETURN GAS SUPERHEATED	(°C)	35
SUBCOOLING	(°C)	8.3
AMBIENT	(°C)	35
REFRIGERANT	R134a/R513A	
COMPRESSOR REVOLUSION	50Hz	

Capacity(W)		Evaporating Temp.					
		-15	-10	-5	0	5	10
Condensing Temp.	30	2021	2504	3069	3714	4440	5247
	40	1821	2276	2818	3447	4163	4966
	50	1642	2056	2550	3121	3771	4499
	60	1462	1839	2282	2790	3365	4004
INPUT(W)		Evaporating Temp.					
		-15	-10	-5	0	5	10
Condensing Temp.	30	852	872	892	912	933	954
	40	929	946	964	985	1007	1032
	50	1037	1054	1073	1093	1114	1136
	60	1173	1195	1218	1242	1267	1292
Current(A)		Evaporating Temp.					
		-15	-10	-5	0	5	10
Condensing Temp.	30	1.86	1.87	1.88	1.90	1.91	1.93
	40	1.89	1.90	1.92	1.93	1.95	1.96
	50	1.94	1.95	1.97	1.98	1.99	2.01
	60	2.05	2.06	2.08	2.09	2.10	2.12

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.(°C); y——Evaporating Temp.(°C)

	Capacity(W)	Input(W)	Current(A)
P1	3.5502E+03	8.2429E+02	1.4178E+00
P2	3.8438E+01	8.6465E-01	3.4747E-02
P3	1.2564E+02	7.0726E+00	2.6308E-03
P4	-1.3585E+00	3.4786E-02	-8.5905E-04
P5	1.1147E+00	-1.5206E-01	1.8357E-05
P6	2.0465E+00	1.5083E-02	4.9246E-05
P7	8.4167E-03	1.1111E-03	7.7778E-06
P8	-2.3386E-02	1.9143E-03	-2.8571E-07
P9	-1.0857E-02	1.3571E-04	-7.8571E-07
P10	-1.8519E-04	-5.5556E-05	1.8519E-07